ICID•CIID

Minutes

Sixty Third Meeting of

International Executive Council (IEC)

and

Pre-Council Meetings of Workbodies

24-28 June 2012, Adelaide, Australia

ICID Central Office
New Delhi

September 2012

Minutes for the Sixty Third Meeting of

International Executive Council (IEC) of ICID

28 June 2012, Adelaide, Australia

First Session : 28 June 2012 : 08:30-12:30 hours
Second Session : 28 June 2012 : 13:30-17:30 hours

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List of Abbreviations

ABID	Brazilian National Committee, ICID
ADB	Asian Development Bank
AERYD	Spanish Association on Irrigation and Drainage
AFEID	Association Française pour l'Etude des Irrigations et du Drainage
AFGICID	Afghanistan National Committee, ICID
AFRWG	African Regional Working Group
AIF	Asian Irrigation Forum
AMCOW	African Ministers' Council on Water
AMID	Association Malienne des Irrigations et du Drainage (Mali National Committee)
AMRWG	American Regional Working Group
ANAFIDE	Association Nationale des Améliorations Foncières de l'Irrigation, du Drainage et de l'Environnement
ANCID	Austrian National Committee on Irrigation and Drainage
ANID	Association Nigérienne pour l'Irrigation et le Drainage
ARTF-CC	Asian Regional Task Force on Climate Change and Irrigation
ASRWG	Asian Regional Working Group
ART	Article
ATID	L'Association Tchadienne pour l'Irrigation et le Drainage
AUNCID	Austrian National Committee on Irrigation and Drainage
AWC	Arab Water Council
AWF	African Wildlife Foundation
BANCID	Bangladesh National Committee of ICID
Cal Poly	California Polytechnic State University
C-CONGR	Committee on Congresses/Conferences
CERYD	Comité Español de Riegos y Drenajes
CGIAR	Consultative Group on International Agricultural Research
CH	Conference Hall
CH-AGRAM	Swiss National Commission on Agro-Systems and Land Improvement
CHICID	Comité Nacional Chileno de Riego y Drenaje
CIGR	International Commision of Agricultural Engineering
CNCID	Chinese National Committee on Irrigation and Drainage
CNRID	Romanian National Committee on Irrigation and Drainage
CO	Central Office
CONIRD	National Congress on Irrigation and Drainage
C-PR&P	Committee on Public Relations and Publications
CPSP	Country Policy Support Program
CPU	Council of Power Utilities
CR	Committee Room
CRCID	Croatian National Committee, ICID
CTCID	ICID-Chinese Taipei Committee
CYCID	Cyprus National Committee, ICID
CZNC-ICID	Czech Committee of the International Commission on Irrigation and Drainage (ICID)
DM	Direct Membership
DMASC	Direct Membership Administering Sub-Committee
DSI	General Directorate of State Hydraulic Works (Turkey)
EB-JOUR	ICID Journal Editorial Board
ENCID	Egyptian National Committee on Irrigation and Drainage
ERWG	European Regional Working Group

ES	Executive Secretary
ESO	European Standard Organisation
ESTICID	ICID National Committee of Estonia
ETCID	Ethiopian Committee on Irrigation & Drainage
FAO	Food and Agricultural Organization
FIJICID	Fiji National Committee on Irrigation and Drainage
FINCID	Finnish National Committee on Irrigation and Drainage
GECID	German National Committee of ICID
GFCS	Global Framework for Climate Services
GRCID	Greek National Committee, ICID
GUCID	Guyana National Committee, ICID
GWP	Global Water Partnership
Hon.	Honoraire
HUCID	Hungarian National Committee, ICID
IACID	Irrigation Australia's Committee on Irrigation & Drainage
IAL	Irrigation Australia Limited
ICBA	International Center for Biosaline Agriculture
ICHARM	International Centre for Water Hazard and Risk Management
ICID	International Commission on Irrigation and Drainage
ICID.UK	British National Committee of ICID
ICOLD	International Commission on Large Dams
ICRISAT	International Crops Research Institute for the Semi-Arid Tropics
IDW	International Drainage Workshop
IEC	International Executive Council
IFAD	International Fund for Agricultural Development
IFPRI	International Food Policy Research Institute
IGS	International Geosynthetics Society
INACID	Indonesian National Committee of ICID
INAE	Indian National Academy of Engineering
INCID	Indian National Committee on Irrigation and Drainage
INWEPF	International Network for Water and Ecosystem in Paddy Fields
IPTRID	International Program for Technology Research in Irrigation and Drainage
IRCID	Irish National Committee on Irrigation and Drainage
IRNCID	Iranian National Committee on Irrigation and Drainage
IRQCID	Iraqi National Committee of Irrigation and Drainage
ISCID	Israeli National Committee, ICID
ISO	International Organization for Standardization
ITAL-ICID	Comitato Nazionale Italiano ICID
ITRC	Irrigation Training and Research Center
IWALC	International Water-related Associations' Liaison Committee
IWMI	International Water Management Institute
IWP	Irrigation Water Productivity
JICA	Japan International Cooperation Agency
JNC-ICID	Japanese National Committee, ICID
KAZCID	National Committee of Kazakhstan on Irrigation and Drainage
KCID	Korean National Committee on Irrigation and Drainage
KYRCID	Kyrgyz National Committee, ICID
LinkedIn	Professional social networking website
LTCID	Lithuanian National Committee on Irrigation and Drainage
MAKCID	Comite Nationale d'Irrigation et de Drenage de Macedonie

MANCID	Malaysian National Committee on Irrigation and Drainage
MB	Management Board
MDG	Millennium Development Goals
MH	Meeting Hall
MNCID	Myanmar National Committee on Irrigation and Drainage
MoU	Memorandum of Understanding
MTD	Multilingual Technical Dictionary
MXCID	Mexican National Committee of International Commission on Irrigation and Drainage
NC	National Committees/Committee
NENCID	Nepal National Committee, ICID
NETHCID	Netherlands National ICID Committee
NGO	Non-Governmental Organization
NINCID	Nigerian National Committee on Irrigation and Drainage
OECD	Organisation for Economic Co-operation and Development
PANCID	Pakistan National Committee on Irrigation Drainage
PCSO	Permanent Committee on Strategy and Organization
PCTA	Permanent Committee for Technical Activities
PFC	Permanent Finance Committee
PH	President Honoraire
PNC-ICID	Philippine National Committee of the International Commission on Irrigation and Drainage
PNCID	Portuguese National Committee on Irrigation and Drainage
RIO+20	United Nations Conference on Sustainable Development
RUCID	National Committee of the Russian Federation on Irrigation and Drainage
SADC	Southern African Development Community
SANCID	South African National Committee on Irrigation and Drainage
SARIA	Southern African Regional Irrigation Association
SG	Secretary General
SINCID	Slovenian National Committee on Irrigation and Drainage
SLNICID	Sri Lanka National Committee, ICID
SYCID	Syrian National Committee of Irrigation and Drainage
TANCID	Tanzania National Committee for Irrigation and Drainage
TDS	Text Delivery Service
TF	Task Force
TF- BIO-ENERGY	Task Force on Water for Bio-Energy and Food
TF-FIN	Task Force on Financing Water for Agriculture
TF-SEDIMENTATION	Task Force on Sedimentation of Reservoirs
TF-VE	Task Force on Value Engineering
TF-WWF6	Task Force to Guide ICID Inputs to World Water Forum 6
THAICID	Thai National Committee on Irrigation and Drainage
TUCID	Turkish National Committee, ICID
UACID	Ukraine National Committee of ICID
UIP	User Interface Platform (of GFCS)
UN	United Nations
UNCSD	United Nations Conference on Sustainable Development
UNDP	United Nations Development Programme
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNESCO-IHE	UNESCO-IHE Institute for Water Education
UNW-DPC	UN-Water Decade Programme on Capacity Development
URUCID	Uruguay National Committee, ICID

USCID	U.S. National Committee on Irrigation and Drainage
UzNCID	Uzbekistan National Committee, ICID
VPH	Vice President Honoraire
WATSAVE	Water Saving Activities / Award
WB	World Bank
WECS	World Energy Commission Secretariat
WG	Working Group
WG-CAFM	Working Group on Comprehensive Approaches to Flood Management
WG-CLIMATE	Working Group on Global Climate Change and Agricultural Water Management
WG-CROP	Working Group on Water and Crops
WG-DRG	Working Group on Drainage
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WG-SDTA	Working Group on Sustainable Development of Tidal Areas
WG-TRUE	Working Group on Technology and Research Uptake and Exchange
WG-WATS	Working Group on Water Saving for Agriculture
WG-YPF	Working Group on Young Irrigation Professionals Forum
WIF	World Irrigation Forum
WMO	World Meteorological Organization
WUA	Water Users Association
WWAP	World Water Assessment Programme
WWC	World Water Council
WWD	World Water Day
WWF	World Water Forum
YUGCID	Yugoslav Association on Drainage and Irrigation
ZACID	Zambian National Committee, ICID

Minutes of the Sixty Third Meeting of
INTERNATIONAL EXECUTIVE COUNCIL (IEC) of ICID
28 June 2012: 08:30-12:30 hours (First Session)
28 June 2012: 13:30-17:30 hours (Second Session)
Adelaide, Australia

GENERAL SUMMARY

Welcome by Irrigation Australia Ltd, incorporating IACID

In his inspiring welcoming remarks Mr. Stephen Mills, Conference Co-Chair stated that hosting ICID's 63rd IEC Meeting was an opportunity to showcase the Australian Irrigation Industry and share their experiences and knowledge with other members of ICID in this field. He stated that the Australian rivers have the most variable flows of any rivers in the world. And therefore storages play an important role in meeting water requirements during the lean seasons. He pointed out that Australia has about 1% of irrigated land that generates 51% of the profit from agriculture. He pointed out that competition from the environment, urban communities and industry has seen the water available for irrigated agriculture reduced. Most of Australia's large irrigation regions are operated as gravity systems and the challenge is to maintain these advantages and not become reliant on pressurized or pumped systems that will increase the power consumption and industry's carbon footprint.

It is fortunate that we have a body like ICID operating in the irrigation industry, Mr. Mills said. There is an enormous amount of goodwill built up between member countries, goodwill that is used for knowledge and information transfer between member countries, countries that may be developed or developing, he added. ICID and National Committees already provide significant forums like these Conferences to give researchers the opportunity to present their findings and to discuss them with stakeholders. He recalled that IAL, the Australian National Committee, has been broad-based in its membership for some time; and they have had several Chairmen including himself, who have been irrigation farmers. However, he cautioned, the real challenge is in facilitating change at the end user level.

Speaking as a farmer, Mr. Mills felt that change does not always happen for the reasons one might expect, changing practice because good research says it is a good idea may not be as compelling as social, financial, business or other drivers. One of the unexpected benefits of organizing 63rd IEC meeting, he pointed out, has been the exposure of many of the IAL professionals to ICID. Concluding his welcome speech, Mr. Mills informed the Council that what IAL could offer ICID family is its Certification and Professional Development programme which encompasses from Irrigation Designer to Irrigation Manager. He wished the Council a successful meeting.

Item 1 : Opening remarks of the President

1.1 President, Dr. Gao Zhanyi welcomed the representatives of the National Committees and the observers to the 63rd meeting of IEC (List of Participants are at **Annex 1.1**). He underscored the importance of the meeting as it was being held just on the heels of the Rio+20, which he attended. He mentioned that the short period of eight months since he took over the responsibility as President has seen an unprecedented international thrust on water and food security issues which were at the centre of ICID objectives. He said that it was an honour to represent ICID at various meetings.

1.2 President Gao Zhanyi began with a brief description of his recent engagements representing ICID at various meetings organized by ICID and its collaborating partners. Some of these meetings include ICID's 3rd African Regional Conference in Mali; the 6th World Water Forum in Marseille, France; FAO Workshop on Revitalizing Irrigation and Agricultural Water Governance in Asia organized by FAO Regional Office for Asia and the Pacific, First Asian Irrigation Forum organized by ADB and Rio+20 UN Conference on Sustainable Development in Rio de Janeiro, Brazil in June 2012. During his participation in these meetings, President Gao informed, he held discussions and dialogues with the leaders of water-related international organizations, policy and decision makers and Ministers and he got an opportunity to interact with leading

experts from FAO, World Bank, IFPRI, IWMI and ADB. He has also utilized these opportunities to visit the NCs of Mali and Brazil, besides the NCs of Thailand and India and had close interaction with the members on various issues.

1.3 He expressed his concern over ICID's declining membership and asked for remedial steps from Council to arrest this trend. He emphasized the need for supporting the Least Developed Countries and also stressed the need for supporting Young Professionals, even financially, for their active participation in ICID meetings and its activities. He felt that this will eventually lead to the improved performance of ICID workbodies.

1.4 President Gao Zhanyi also highlighted the need for reorganizing ICID yearly meetings, events and activities in order to derive optimum output. He proposed a shift from current pattern of IEC Meeting + Regional Meeting in two consecutive years followed by an IEC meeting + Congress in the third year to IEC meeting + Regional meeting in the first year, then IEC meeting + World Irrigation Forum in the second year and IEC meeting + Congress in the third year, in a three-year cycle. Then he elaborated on the objectives of World Irrigation Forum. He also suggested that ICID should start Irrigation Achievement Award to be presented during the World Irrigation Forum and that Government of China was ready to provide seed money for initiating the same.

1.5 President Gao apprised the Council about his maiden visit to Central Office and stressed the need for revitalizing its infrastructure for enhanced performance. Proceeding further, President Gao invited the Council's attention to CNCID Workshop on Protection of Historical Irrigation Structures, an area where ICID should pay its immediate attention too. He suggested initiating a scheme for Protection of Historical Irrigation Infrastructure. President concluded his remarks looking forward to a stronger ICID, playing pivotal role in food security, poverty eradication and sustainable development thereby aligning its expertise with the decisions taken at Rio+20 on the "Future we Want".

1.6 The Council endorsed the report of the President and took decisions on various issues highlighted therein under respective agenda items.

Item 2 : Report on the actions taken on the decisions of 62nd IEC and the decisions taken by the Management Board since the last IEC meeting

2.1 The Council noted the Action Taken Report presented by the Secretary General Avinash C. Tyagi that is placed at **Annex 2.1** and the decisions taken by the Management Board during the interim period, in accordance with Article 3.2 of the Constitution, as listed in **Annex 2.2**.

Item 3 : Report of the Secretary General

3.1 SG Avinash C. Tyagi acknowledged at the outset that most of the work for the period under report has been carried out under the directions of SGH M Gopalakrishnan and thanked him for his able guidance. He pointed out that the Annual Report that is placed before the Council presents the activities of the Commission: the workbodies, the National Committees, the Regional Groups and the Central Office. He pointed out that the activities have been presented in a slightly different framework and the Annual Report has been structured in such a way so as to also serve as a marketing tool to attract the direct members, once IEC approves the proposal for Direct Membership, which is before the Council for its consideration. He requested members to provide their feedback.

3.2 SG Tyagi pointed out that during the last six months certain changes have been made in the Central Office such as, introduction of e-Bulletin in English as well as French; reduction in formal correspondence with the NCs and addressing the needs of members through informal means; seeking members views on the services being provided by the Central Office; seeking feedback on the efficacy of News Update and ICID News etc. SG regretted that the feedback from the members has not been very encouraging. He urged the members to provide their inputs so that the Central Office could adequately respond to their needs.

3.3 SG Tyagi mentioned that as is apparent from the outputs of our working groups, lots of our activities are under-resourced. ICID is unable to facilitate participation of members from developing countries and Young Professionals. In addition, he recalled, ICID has launched a new program on research and technology transfer. As such, he pointed out that ICID needs resources beyond the annual subscriptions. However, in order to attract external resources we need to adopt transparent decision making processes, more inclusiveness in decision making supported by minimal bureaucratic procedures and sound accounting system.SG Tyagi pointed out that some of the administrative changes that have been introduced or are placed before the Council for decisions, are aimed in this direction.

3.4 SG Tyagi laid emphasis on better communication among the members; among experts, particularly from working groups; and between Central Office and the members. He therefore urged the members to provide their feedback on services, information on NC activities in order to share them with other NCs, and information on new publications produced by various NCs for sharing. He also urged members to provide high resolution pictures for 'ICID picture library', contributions to the ICID archives (old pictures, films, logos, brochures) of past ICID events organised by NCs, inputs for the ICID Newsletter, and invited them to regularly visit ICID website.

3.5 The Council endorsed the report of SG Tyagi.

Item 4 : Report of the Permanent Finance Committee (PFC)

4.1 The Council considered the report of PFC which held its 33rd meeting under the chairmanship of VPH Saeed Nairizi on 25 June 2012 from 12.00-15.00 hours. The **Minutes of PFC are given at Appendix I (Page 105)**. The Council appreciated the contributions made by VPH Nairizi both as the member and chairman of the PFC during the last 6 years. Considering that none of the other members of the PFC was in a position to take over the responsibility of Chair of PFC, the Council, under special circumstances, suspended the application of clause 3.2 of ICID By-laws and requested VPH Nairizi to continue to chair PFC for another two years. VPH Nairizi, while accepting the responsibility, requested that volunteers should come forward and get exposed to the financial issues of the Commission and take over the mantle.

4.2 Reporting on the membership, VPH Nairizi pointed out that three NCs were in arrear of paying subscription for more than three years: NC of Greece, NC of Kazakhstan and NC of Syria. The Council noted the communication received from the Minister of Agriculture from Syria regarding the conditions in the country that prevents transferring money outside the country, as their contribution of outstanding subscription, and decided to grant NC of Syria one more year to clear its outstanding dues[1]. It decided to render the membership of the NCs of Greece National Committee and the Kazakhstan National Committee as deemed inactive, due to non-payment of annual subscription by them for the last three years, in accordance with By-law 13.2(d). SG informed the Council that the National Committee of Morocco (ANAFID) has cleared their outstanding subscription arrears on 27th June 2012.

4.3 The Council took note of the financial situation and outcomes of the ICID events in the recent past: 24th European Regional Conference, March 2011 in France, 25th European Regional Conference, May 2011 in Netherlands, 22nd Congress, October 2011 in Tehran, and the 3rd African Regional Conference, December 2011 in Bamako, Mali, and expressed its satisfaction at the outcomes of these events and that the Conferences, in accordance with the decisions of the Council, had contributed to the resource base of ICID.

4.4 The Council was informed by the Chair of PFC that the National Committees whose request for hosting the forthcoming events were accepted by IEC in the past did not provide the financial details as required under By-law 5.2 and requested by the Central Office. As such, VPH Nairizi informed that PFC was not in a position to recommend approval of these events.

4.5 Chair of PFC, VPH Dr S. Nairizi, while presenting the report of PFC also presented the Budget for the financial year 2012-13 and the Budget Estimates for the financial year 2013-14. The Council approved the Budget 2012-13 and the Budget Estimates for the financial year 2013-14 as recommended by PFC and presented in Annex (**Annex R.1.1**) to resolution IEC-1/63. It noted the preliminary budget as presented by the PFC for the years 2014-15 and 2015-16.

[1]Under By-law 13.3.

4.6 The Council approved the audited accounts of ICID for the year 2011-12.

4.7 The Council noted that the present statutory auditors M/s Raghunath Rai and Company have continued to function as the ICID auditors for more than 30 years. Based on the proposal submitted by the Central Office and the recommendations of the PFC, the Council appointed M/s Sunil Goel and Associates as the External Statutory Auditor of ICID for the three financial year period 2012-2015 and authorized SG to finalize the Agreement with them.

4.8 The Council noted that PFC has recommended that the ICID By-laws were silent about some of the financial issues like procedure for appointing Statutory Auditors and accepted its recommendations to revisit the By-laws and make suitable provision for the same and any other relevant rules in order to make the ICID's accounting system more transparent.

4.9 The Council also took note of the Note on "Monetary obligations of the host National Committees" (**Annex 4.1**) that consolidates the various financial decisions taken by IEC from time to time with regards to the events such as Congresses, Conferences, and International Workshops etc. It decided that these decisions should be suitably incorporated within the ICID By-laws and therefore referred these issues to the Special Committee constituted to review the Constitution and By-laws under Item 9.

4.10 The Council endorsed the report of the Chair of PFC.

Item 5 : Report of the Permanent Committee on Strategy and Organization (PCSO)

5.1 The Council considered the report of the 23rd meeting of PCSO held on 26 June 2012 from 11.00-17.30 hours under the chairmanship of VP Prof Ragab Ragab. The **Minutes of PCSO are given at Appendix II (Page 112)**. The Council as per Res IEC-2/63 approved the revised membership of various working groups associated with PCSO as recommended by it.

5.2 The Council noted that the Membership of ICID is declining and more NCs are becoming "*Deemed Inactive*" due to non-payment of subscription dues although these NCs continue to function within the country according to their respective Constitution. The Council appreciated the efforts made by the Vice Presidents for reviving the membership of NCs from Africa.

5.3 Chair of PCSO VP Ragab Ragab mentioned that PCSO discussed the issue of activation of the "*Deemed Inactive*" National Committees at length. The members were concerned at the number of NCs that are "*Deemed Inactive*" in Africa and Latin America. VP Ragab Ragab mentioned that the members expressed the desirability of bringing the NCs in Africa within the fold of ICID considering the need to usher second green revolution in Africa. PCSO, therefore, recommended that in order to increase the membership of ICID, IEC may consider:

(i) waiving off all the outstanding arrears of all the inactive NCs,

(ii) introducing free trial subscription membership for two years,

(iii) generating funds for participation of the LDCs in IEC meetings, and

(iv) revisiting the membership fee structure through a small sub-committee jointly with PFC.

5.4 The Council took note of the above recommendations of PCSO. PH Peter Lee expressed his concern about the impact of these recommendations on the business model that ICID has adopted for carrying out its activities. Chair of PFC, VPH Nairizi as a follow up after the council meeting, via e-mail suggested the financial matter needs to be discussed among the PFC members and to present the results in the next year ICID annual meeting. Representative of NC of Chad mentioned that the payment of subscription was not the only concern; there are additional problems that hinder the attendance such as financial resources for participation in the meetings, high registration fee and delays in visa formalities that prevented participation of NCs from Africa. It was also pointed out that declaration of "*Deemed Inactive*" does not prevent a NC from

participating in the annual IEC meetings. Most of these NCs can also get access to the ICID Irrigation and Drainage Journal as part of AGORA[2] scheme initiated by FAO.

5.5 Chair of PCSO, VP Ragab Ragab expressed the concerns of PCSO on the rising cost of registration fee for ICID events, which, in the opinion of PCSO was keeping the NCs from developing countries as well as the Young Professionals away from attending IEC meetings. He pointed out that the registration fee should be kept to a minimum and that this should form the major criterion while approving ICID events. The Council noted the following recommendations of PCSO regarding the procedures for acceptance of hosting ICID events**:**

(i) There should be a bidding process right from the beginning with main emphasis on declaring the registration cost for the different categories of the ICID members (YP, locals, etc.)

(ii) The approval for holding the meetings should duly take into account the accessibility of the venues.

(iii) The proposed guidelines for preparation and conduct of ICID events (**Annex 5.1**) should be considered as directives to the NCs organizing ICID events, which in parts could form part of the agreement between ICID and the host NC.

5.6 The Council took note of the preparations of various forthcoming ICID events, particularly the 64th meeting of IEC in Turkey in October 2013, the 11thInternational Drainage Workshop in September 2012 in Cairo, the 12thInternational Drainage Workshop in Moscow in June 2014 and 22ndICID Congress in September 2014 in Gwangju, South Korea. The Council noted that the NC of Russia proposes to totally exempt the Young Professionals from the registration fee and provide them special and cheap accommodation during the 12th International Drainage Workshop.

5.7 The Council considered the proposal made by President Gao Zhanyi to rename the IEC meetings in the years just preceding the Congress year as **World Irrigation Forum (WIF)** with a view to attract the full spectrum of stakeholders -- from farmers and up to policy level. Based on the overwhelming support from the members, recommendations of the PCSO, recommendations of OBC, and the Management Board the Council decided to organize the triennial event World Irrigation Forum in the years preceding the Congress years, on a regular basis. The Council invited TUCID to organize the first WIF in 2013 alongside the 64th meeting of IEC, However, the PCSO, suggested to move the venue to Istanbul instead of Mardin as previously agreed so that participants do not bear extra two days time and cost. In addition, PCSO pointed out that, for the first IWF, a large number is expected which would require a larger venue, more facilities and easy access by the international airlines. The TUCID promised the president to look into the possibility of changing the venue from Mardin to Istanbul.

5.8 The Council noted the recommendations of PCSO and PFC with regard to the Guidelines for preparation and conduct of conferences and congresses (**Annexes 4.1 and 5.1**) and decided that the issue be referred to the Special Committee for revision of By-laws and Constitution set up under Item 9 for incorporating them suitably.

5.9 The Council endorsed the report of the Chair of PCSO.

Item 6 : Report of the Permanent Committee for Technical Activities (PCTA)

6.1 The Council considered the report of the 32nd meeting of PCTA held under the chairmanship of VPH Felix Reinders, on 27 June 2012 from 09.30-15.00 hours. The **Minutes of PCTA are given at Appendix III (Page 116).** The Council accepted the proposed membership of PCTA and the new memberships of various work bodies, and continuation of the tenure of various working groups, as listed in Res IEC-2/63.

[2] AGORA: Access to Global Online Research in Agriculture is a program developed by FAO and Partners that offers low cost or free access to students and academics. *Irrigation and Drainage*, Journal of ICID is also available through this scheme. For more information, see www.aginternetwork.org/

6.2 Chair of PCTA, VPH Felix Reinders stressed the need for improving the functioning of workbodies and recommended that the Council adopt the procedures as listed in **Annex R2.2** to streamline the functioning of workbodies. The Council accepted the recommendations of PCTA on the functioning of the workbodies as given in **Annex R2.2** and listed below and requested the Special Committee on Amendments to the Constitution and By-laws to suitably incorporate them in the revised By-laws.

(i) Number of WGs and TFs shall be kept to a minimum

(ii) Proposal for setting up new Working Groups shall be considered only if a "Scoping Document" which includes a set of objectives that WG/TF intend to achieve during its tenure with a clearly delineated work plan and outputs based on global survey of the activity and the gaps in existing knowledge which ICID community would be best placed to fulfill.

(iii) As the tenure of the Working Group will come automatically to an end at the end of year 6, any extension will be considered only for one year to complete the work in hand where substantial progress has been achieved and on submission of a new proposal with a "Scoping Document" similar to that required at the beginning of the working group tenure as given in part 1 above.

(iv) The WGs are encouraged to use their meeting time in the most productive ways to discuss topics relevant to the WG objectives and which contribute to achieving the WG objectives.

(v) The provisions in the Constitution and By-laws governing the operation of workbodies shall be strictly enforced.

(vi) New groups for specific and well defined purposes with a focused mission, and short duration should be given preference.

(vii) Working Group chairpersons shall attend the PCTA meeting and report on progress towards achieving the WG goals.

6.3 Mr. Uttam Raj Timilsina representing NC of Nepal enquired as to what was the criterion for accepting the new members for various Working Groups. He pointed out that it was not possible for the developing country experts to attend the IEC meetings. SG clarified that the membership of those who were present or those who had contacted the Chair of the Working Group was accepted. Representative of NC of Iran suggested that the nominations from the NCs should clearly indicate what will be the contribution of the nominated members. The chair of the WG should assess the contribution of the members and CO should intimate concerned NCs on the performance/contribution of its representatives.

6.4 The Council noted with satisfaction the outcomes of the Theme "Contribute to food security by optimal use of water" Jointly organized by FAO with ICID as Theme 2.2 of the 6th World Water Forum, held from 13-17 March in Marseilles France. The Council thanked the Task Force headed by Dr Bart Schultz for spearheading ICID's successful participation in WWF-6 and placed on record its appreciation to all the Task Force members and ICID members who made this success possible. The Council was informed of the Commitments made by ICID to contribute to the successful implementation of the recommendations coming out of 6th World Water Forum. The Council, noting that the next World Water Forum is scheduled to be organized in Korea, decided to set up a new Task Force to work on contributions of ICID to WWF-7.

6.5 The Council considered the proposal from the MT-JOUR, and endorsed by the Management Board, to renew the Agreement with M/s Wiley-Blackwell for the publication of *Irrigation and Drainage*, the ICID Journal. The Council approved the proposal to continue to publish the *Irrigation and Drainage* for a further period of 5 years starting January 2014 with M/s Wiley-Blackwell.

6.6 The Council accepted the recommendations of PCTA to rename the Micro-Irrigation Congresses (MIC) as Micro-irrigation Symposium in order to avoid any confusion with the ICID Congresses in future. It also accepted the proposal to continue these Symposiums in the series of MIC. As such the Council desired that proposals should now be invited from the NCs for hosting the 9th Micro-Irrigation Symposium. It was suggested that these Symposiums could also be held in parallel with the World Irrigation Forum at suitable intervals.

6.7 The Council noted the reports of the Theme Leaders on Strategy Themes Knowledge, Systems, Basin, and On-farm at the PCTA. However, it noted with concern that a number of Chair of the Working Groups were not reporting back the outputs of their working groups to PCTA. The Council requested all the Chairpersons of the workbodies to report to PCTA.

6.8 The Council noted that there was a need to further elaborate the Concept Note on "Intensification of Irrigation and Drainage Research to achieve Global Food Security" in order to coordinate the activities and expand the network of Regional Nodes to achieve the objectives of the Programme. It also noted that the Management Board had taken a decision at its 3rd meeting of 2012 in Marseilles to set up a Board of Governors for the Programme. It noted that the issue had been discussed in the PCTA and it was recommended that PH Prof Chandra Madramootoo will develop further the concept note to answer the questions raised in **Annex 6.1**.

6.9 The Council was informed that there has not been an encouraging response from the NCs on the request of CO to nominate experts to be the General Reporters and form part of the Panel of Experts for managing the technical activities related to 22nd Congress in Gwangju, Korea in September 2014.The Council requested the NCs to send the proposals and request the Secretary General to finalise these in consultation with the Organising Committee.

6.10 The Council endorsed the report of the Chair of PCTA.

6.11 The President, Gao Zhanyi, on behalf of Council thanked the chairs of PFC, PCSO and PCTA for their reports.

Item 7 : Applications for ICID Membership

7.1 The Council noted that the National Committee of Chad, whose application for membership had been approved earlier in 2003 have now paid the initial subscription for 2012. Mr. Tchouadan Kadjonga, President of the National Committee of Chad informed that Chad was happy to join the ICID activities actively and hoped that they would be able to regularly pay their subscriptions. He hoped that he would be able to persuade other members of Lake Chad Basin and re-start the WG on Lake Chad. The Council also noted that the National Committee of Morocco, which was deemed inactive since the 61st meeting of IEC in 2011, have cleared their outstanding arrears of subscription. Accordingly, the Council revoked the suspension of sanctions in respect of NC of Morocco.

7.2 PH Chandra, on behalf of the Council, formally welcomed the National Committee of Chad and the National Committee of Morocco.

Item 8 : Broad basing of ICID membership

8.1 PH Chandra Madramootoo, Chair of the Special Committee established by IEC in its 62nd meeting in Tehran, to review the Constitution and By-laws, presented his report to the Council. He expressed his thanks to the members of the Committee, VPH Larry Stephens and VP A.K. Bajaj for their contributions.

8.2 He recalled that IEC in its 62nd meeting at Tehran, Iran, under Item 4 on the above subject had considered the Report of the Broadbasing Committee and accepted its recommendation to introduce direct membership, pending further details in terms of fee structure etc. The Broadbasing Committee has proposed a fee structure for different categories of direct membership and is based on the principle that the Direct Members should, apart from getting a platform for knowledge sharing, be able to have some financial benefits. Based on the Broadbasing Committee's recommendations, the Special Committee has prepared the Guidelines for administering the direct membership (**Annex R3.3**), including the Forms to be filled in by the potential Direct Members (**Appendices B & C to Annex R3.2**).He pointed out that the guidelines lay the process of consultation with NCs, where required.

8.3 PH Prof Madramootoo pointed out that in the proposals effort has been made to ensure that the fee structure is such that it is financially attractive to the potential members and at the same time brings additional revenue to the ICID family as a whole, be they the organizers of ICID events or the Central Office. It is expected that there will be larger participation in ICID congresses, conferences and workshops, making the holding of such

events more financially viable. These proposals have been considered by the PFC from a financial angle who has also recommended the proposal for adoption.

8.4 Mr. Uttam Raj Timilsina, representing NC of Nepal, raised the issue of the proposed age specification for the Retiree member category, which he pointed out was 58 years in Nepal and desired that it should be modified accordingly. SG informed that this issue was discussed in the Broadbasing Committee and after ascertaining the retirement age in different countries, the figure of 65 was fixed. On another query PH Madramootoo clarified that these guidelines including the fee structure would be reviewed regularly by the PFC based on the experiences and response.

8.5 PH Madramootoo also recalled the presentation made by VPH Saeed Nairizi regarding the decision making process for direct membership application. He pointed out that a Sub-Committee is proposed to be constituted under PFC, including membership from outside the PFC, to consider all direct applications for granting provisional Direct Membership and then submitting it to the IEC for ratification. The Sub-Committee will work through electronic communication and will be expected to take decisions with minimal time delay. He pointed out that the procedure suggested is both responsive to the expectations of the potential direct members and at the same time maintains the supremacy of the National Committees.

8.6 The Council also noted the recommendations of PFC on the fee structure, and the Management Board, and the Office Bearer's Committee approval of the report of the Special Committee, and therefore decided to open the discussion on the direct membership as recorded in Res IEC-3/63. Based on the recommendations of the Special Committee and PFC, the Council decided that the Direct Members will be provisionally admitted based on the approval of the Direct Membership Administering Sub-Committee of PFC, through correspondence, and final decision taken on their memberships by the Council at its annual meetings.

Item 9 : Changes in Constitution and By-laws of ICID

9.1 PH Prof Chandra Madramootoo informed the Council that keeping in view the new categories of Direct Membership recommended by the Broadbasing Committee, changes have been suggested in the Constitution and By-laws at appropriate places. Efforts have been made to keep the changes only to the aspects referred to the Committee by IEC in the 62nd meeting, except for readjusting the text for more clarity and incorporating some of the decisions already taken by the Council.

9.2 Elaborating further, PH Madramootoo explained that those NCs, whose constitutions provide for membership of companies and institutions, will be consulted by the proposed Sub-Committee before taking any decisions on the membership applications of companies and institutions. The forms that the applicants would be required to fill, as included in the proposed by-laws, encourage the applicant to interact with the NCs.

9.3 PH Madramootoo informed that the proposed amendments to the Constitution and By-laws as proposed were circulated to all the NCs on 26 April 2012, 60 days prior to this meeting as required under the Constitution Art 11.1.2. He informed that suggestions were only received from VP Willem Vlotman, which have been circulated to the Council. Most of these changes were directed at providing more clarity to the text and would be suitably incorporated. The Council was informed that the Management Board and the Office Bearer's Committee have also recommended the adoption of the proposed changes.

9.4 Participating in the discussions on the proposed amendments to the Constitution and By-laws, representative of the National Committee of Iran suggested that provisions should be made so that those companies that become direct members of ICID should also financially contribute to the concerned National Committee. There was another suggestion that the National Committees should also broadbase their membership to include regional and other players. Responding to the query VP Vlotman expressed the hope that opening of the Direct Membership will also stimulate the NCs and enthuse them to broadbase their membership. VPH Nairizi pointed out that it will not be appropriate to interfere with the way the NCs would like to handle these companies. He, however, pointed out that we need to start now with broadbasing and the process can evolve with time, as we recruit direct members. It is difficult to foresee and account for all possible scenarios at this stage. There are many issues that will have to be dealt with once the proposed process is brought into practice. PH Madramootoo also pointed out that it is expected that the companies that become direct members of ICID will get engaged with NCs and the benefits will be mutual. He mentioned that the Sub-Committee, through PFC would be expected to come up with suggestions and improvement in the process and bring it to IEC for consideration.

9.5 Based on the suggestions from VP Vlotman, PH Bart Schultz, PH Peter Lee and suggestions from the floor, the following changes to the proposed draft text of Constitution and By-laws were suggested and approved by the Council:

(i) **Art 3.4(B):** "…..by the Secretary General of the acceptance of their application by the Council." To be replaced by "….by the Secretary General about the decision of the Council on their application."

(ii) **Art 5.6 (A):** "Direct Members can participate in the meeting of the Council with prior intimation to the Central Office, but will not be eligible to vote." To be replaced by "Direct Members can participate in the meeting of the Council but will not be eligible to vote."

(iii) **By-law 3.1.7:** "….Members of workbodies not contributing by their attendance/correspondence for two consecutive years shall be automatically replaced." To be replaced by "…Members of workbodies not contributing by their attendance/correspondence for two consecutive years shall be replaced."

9.6 SG suggested that the suggestions made by VP Vlotman regarding By-laws 5.9.4 and 6.3 should be referred to the Special Committee as these cannot be taken in isolation rather the two By-laws need an update in view of the new technologies now available for dissemination, which was agreed to.

9.7 President Gao Zhanyi then recalled the attention of the Council that according to Article 11.1.2, the amendments to Constitution were required to be affirmed by the Council by a two-third majority of all the members present at the Council meeting. The President appointed VPH Shinsuke Ota and VPH Saeed Nairizi as the tellers for counting of votes. Motion to approve the Res IEC-3/63, which included approval of the proposed changes in the Constitution and By-laws, as proposed by the Special Committee with amendments as listed in para 9.5 above, was moved by VP Vlotman and was seconded by NC of France. The tellers reported that all the 28 NC representatives attending the meeting had voted in favour of the motion.

9.8 President Gao Zhanyi thanked the Council for unanimously approving the Resolution IEC-3/63. He also thanked PH Chandra Madramootoo, Chair of the Special Committee on Constitutional Amendments and its members for their hard work.

Item 10 : Presentation on the Strategy Theme – Systems

10.1 VP Gerhard Backeberg, Theme Leader for the Strategic Theme "Systems" presented an in depth analysis of the working of the workbodies under the theme (**Annex 10.1**). He pointed out that the active involvement and participation of individual nominated by member country is the basic requirement for effective/successful functioning of the workbodies. While emphasising the need for substantial outputs he conceded that networking was also one of the functions of these groups but wanted such workbodies to be named accordingly say, "*Networking Group*".

10.2 VP Backeberg presented a workplan for the workbodies within the theme "Systems" and pointed the way forward and made following suggestions:

(i) Debate relevance and description of Strategy Themes,
(ii) Change the theme "Systems" to "Irrigation schemes",
(iii) Enforce adherence to workbody mandate, its workplan, activities and reporting by-laws,
(iv) Improve effective operation of workbodies through regular contributions of workbody members,
(v) Re-enforce responsibility of NCs and workbody representatives for outputs,
(vi) Provide incentives for participation by workbody members, and
(vii) Ensure publication of workshop papers as outputs.

10.3 PH Peter Lee appreciated the well thought out report of the Thematic Area "Systems" which he hoped would also be useful for other thematic areas as well. He pointed out that in addition to the outputs from the workbodies, the process was equally important and that the members who attend the working group meetings should be benefitted from attending these meetings. He suggested that there should be an all-encompassing debate on this issue.

10.4 The Council noted with thanks the presentation made by VP Backeberg on the Thematic Area of "Systems" and, based on the suggestions made by PCTA, decided to constitute a Task Team consisting of VP Backeberg, Chair WG-TRUE Dr Vincent to look into the classification of Thematic Areas and the Working Groups associated with each one of them in consultation with other theme leaders. The Task Team should submit its report to the MB within six months.

Item 11 : Future Conferences, Congresses, and Workshops

11.1 The Council was informed that there were no new offers received from NCs for the future events. The Council took note that the offer to host all the events upto 68th IEC meeting have been accepted by IEC, however, none of the events have been approved in accordance with By-law 5.8 in terms of the fees to be charged for the purpose, which shall be determined by the Council while approving the proposals for the event.

11.2 The Council expressed its concern that the financial proposals had not been received, particularly for the 64th IEC in Mardin, Turkey. Council took note that the brochure for the 64th IEC has been published which indicated a fee structure of US$ 900 (US$ 700 for the early bird) which had not been approved by PFC or the Council. Chair of PFC, VPH Nairizi pointed out that PFC had recommended to TUCID as well as KCID to keep the registration fee within US$ 800 maximum.

11.3 PH Bart Schultz expressed surprise that none of the events accepted for hosting till 2016 had been approved from financial angle. He suggested that the Council should strictly follow the ICID By-laws 5.8 in this regard. SG Tyagi informed the Council that all the prospective NCs scheduled to host the ICID events have been requested to fill in the financial requirements form. PH Bart Schultz suggested that before next council we should have all the proposals and presented to IEC through PFC.

11.4 The Chair of PCSO, VP Dr Ragab Ragab pointed out that PCSO had deliberated on the issue and has recommended that ICID should adopt a new bidding procedure so that the registration fee for the events could be kept to a minimum by using venues and procedures that are less expensive. This, he reiterated, would make the events more attractive to the participants from developing countries as well as young professionals. He pointed out that since the report of the PCSO was accepted by the Council its recommendations were also accepted. SG Tyagi clarified that owing to this ambiguity; he had suggested that the reports from various Committees should not be approved/ accepted in totality rather specific recommendations deliberated upon and decisions taken thereon. However, for the present the recommendation of PCSO as noted in para 5.5 would be looked into by the Special Committee constituted under item 9.

11.5 However, Council appreciated the difficulty that TUCID was in not knowing what exactly would be the size of the participants as the nature of the meeting was not clear (with or without WIF). Representative from Turkey National Committee informed that they would provide the required fee structure within two months. Chair of PFC VPH Nairizi suggested that the TUCID should interact with PFC and provide all the required information through e-mail within two month to enable it to recommend the case to Management Board, which was authorised by the Council to take the decision on the approval of the event.

Item 12 : Presentation of ICID Awards/ Plaques

12.1 Following the recommendations of the Panel of Judges for WatSave Award, presented by PH Chandra Madramootoo (**Annex 12.1**), the Council approved the following awards:

Technology:	Prof. Peng Shizhang (China)
Innovative Water Management:	Mr. Peter McCamish (Australia) on behalf of the Northern Victoria Irrigation Renewal Project

The President thanked PH Madramootoo and appreciated the work done by the Panel. The awards were presented during the farewell dinner held during the evening.

12.2 The three retiring Vice Presidents Dr. Willem F. Vlotman, Australia; Dr. Laszlo G. Hayde, Hungary and Mr. A.K. Bajaj, India, were presented plaques for their eminent leadership and enduring contributions to the worldwide advancement of the science of irrigation and drainage.

12.3 The plaques were also presented to the following retiring chairs of workbodies for their eminent leadership and enduring contributions to the worldwide advancement of the science of irrigation and drainage during their term as Chairs of the workbodies.

Mr. Adama Sangare (Mali), Chairman, AFRWG (2009-2011)

Dr. Hu Heping (China), Chairman, WG-ENV (2005-2011)

Dr. Ragab Ragab (UK), Chairman, WG-PQW (1997-2011)

Dr. A. Hafied A. Gany (Indonesia), Chairman, PCSO (2010-2011)

12.4 Based on the report of the Chair (EB-JOUR) Dr. Bart Schultz (**Annex 12.1**), the award for the Best Paper in the ICID Journal "Irrigation and Drainage" was given to: Zahra Paydar, Freeman Cook, Emmanuel Xevi, and Keith Bristow (Australia) for their outstanding paper titled **"**An Overview of Irrigation Mosaics**"** published in Volume 60, No.4. Dr Keith Bistrow accepted the prize on behalf of the authors and thanked ICID for the honour and briefly outlined the work.

Item 13 : Election of the Office Bearers

13.1 Out of the six candidates who presented their candidature for the three regular vacancies arising as a result of the coming to the end of the three year term of three outgoing vice-presidents, the National Committees of India and USA withdrew the candidature of Mr. A.B. Pandya, Mr. James E. Ayars respectively as they were unable to attend the meeting. The USA representative has declared the withdrawal of its candidate in favour of Mr. Laurie C. Tollefson from Canada. Then, Dr. Basuki Hadimoeljono (INACID) withdrew his candidature in favour of Dr. Hüseyin GŰNDOĞDU candidate from Turkey.

13.2 Subsequently, the National Committee representatives introduced in brief the three candidates before the 28 NCs present at the meeting proceeded to cast their vote to decide the seniority of the Vice Presidents. President Gao appointed PH Peter Lee and PH Bart Schultz as the tellers for the voting. All the 28 NCs present at the meeting participated in the voting. Based on the report of the tellers, following were declared elected by the Council as vice-presidents for a period of three years, 2012-2015 with the seniority as listed in the sequence below based on the number of votes cast in each ones favour:

1. Mr. Laurie C. Tollefson (Canada);
2. Dr. Hüseyin GŰNDOĞDU (Turkey); and
3. Mr. François BRELLE (France)

President Gao Zhanyi congratulated the new Vice Presidents. The three new Vice-presidents in turn thanked all members for their support.

Item 14 : Any other business

14.1 Under any other issue, VP Husnain Ahmad (PANCID) raised the issue of participation of each NCs in the IEC meetings and suggested that ICID should include the registration fee for one representative of the National Committee within the annual contribution. This, he asserted, would enable participation of at least one representative of each of the NCs in the IEC meetings. The Council noted the suggestion.

14.2 President Gao Zhanyi announced that starting this year ICID has introduced a new category of award "*Distinguished Services Award*" in recognition of the outstanding leadership provided to ICID over the years. He presented the plaque to the following eminent personalities.

PH Mr. John Hennessy, United Kingdom

PH Mr. Aly M. Shady, Canada

PH Prof. dr. Bart Schultz, Netherlands

PH Dato. Ir. Keizrul bin Abdullah, Malaysia

PH Mr. Peter S. Lee, United Kingdom

PH Prof. Dr. Chandra Madramootoo, Canada

14.3 Noting the recommendations of the PFC, PCSO and PCTA, the Council decided to set up a Constitutional Review Committee with following terms of reference:

a. To consolidate all relevant policy decisions taken by the Executive Council from time to time.
b. To include suitable amendments (or additions) to the By-laws to include provisions for the procedure to appoint statutory auditor and other related financial issues,
c. To incorporate decisions recorded in para 4.8, 4.9, 5.5, 5.8 and 6.2 above in Constitution/By-laws, suitably,
d. To review various provisions in the By-laws with reference to the latest means of communications and other technological developments, and
e. To reconcile any differences that might have arisen due to piecemeal amendments to the Constitution and By-laws in the past.

Item 15 : Closing Remarks by the President

15.1 The President Gao Zhanyi in his closing remarks thanked all the members for their active participation and wished them safe journey back to their countries.

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RESOLUTIONS

Resolution IEC–1/63

INTERNATIONAL EXECUTIVE COUNCIL
Minutes of the 63rd meeting

RESOLUTION IEC-1/63: FINANCIAL MATTERS OF ICID

THE Council

Noting the Report of the Chair of the Permanent Finance Committee,

Noting further the report of the External Auditors M/s Raghunath Rai and Company,

Considering the recommendation of the Management Board,

Considering further the presentations made by the representatives of TUCID and KCID on the financial proposal for the 64th IEC and 8th ARC in Mardin, Turkey and 22nd Congress in Gwangju, Korea respectively,

Decides Unanimously

1. That the membership of PFC are changed as follows:
    a. Ms. Serpil Koylu Dalgin from the Turkish National Committee, as a new members,
    b. Dr. Sergey N. Goruachev from the Russian National Committee, also as new members and
    c. Mr. Hao Zhao from the Chinese National Committee (CNCID) to replace Dr. Gao Zhanyi
2. To request VPH Saeed Nairizi to chair the PFC for next two years, as a special case temporarily suspending provisions of By-law 3.2,
3. That the National Committee of Greece and the National Committee of Kazakhstan may be deemed inactive as they have failed to contribute ICID subscription for last three years.
4. That the Syrian National Committee may be granted one more year to clear their outstanding dues.
5. To approve the accounts of ICID for the financial year 2011-12 as presented;
6. To approve the Budget of ICID for the financial year 2012-13 and attached as **Annex R1.1** to this resolution.
7. To approve the appointment of M/s Sunil Goel and Associates, as the Statutory Auditors of ICID, for a period of three years starting with the financial year 2012-13.
8. To authorise the Management Board to approve the fee structure for the 64th IEC and WIF at Mardin, Turkey in October 2013 and for the 22nd Congress at Gwangju, Korea in September 2014

Requests

1. TUCID and KCID to submit the detailed financial proposal for the 64th IEC and WIF; and 22nd Congress and 65th IEC respectively, within two months.

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Resolution IEC–2/63

INTERNATIONAL EXECUTIVE COUNCIL
Minutes of the 63rd meeting

RESOLUTION IEC-2/63: ORGANISATIONAL AND TECHNICAL MATTERS OF ICID

THE Council

Noting the Reports of the Chairs of the Permanent Committees for Strategy and Organisational Matters and the Permanent Committee on Technical Activities;

Noting further the recommendations of the Management Board,

Considering the endorsement of the proposals of organising a World Irrigation Forum by the Management Board and the Office Bearers Committee,

Decides unanimously

1. To modify the membership of various work bodies as given in **Annex R2.1** to this resolution;

2. To adopt the procedures as described in **Annex R2.2** for improving the workbody functions;

3. To agree to close the WG-TRUE on completion of its activities; discontinue WG-MDGs as separate workbody with the TF on WWF-7 taking up its activities; and discontinue TF-SEDIMENTATION;

4. To establish a Task Force for preparing ICID inputs for the WWF-7 under the chairmanship of VPH S Ota and consisting of PH Bart Schultz, PH Chandra Madramootoo, VP Kim Tai Cheol, Mr. Francois Brelle (AEFID) with Secretary General as the Resource Person.

5. To enter into agreement with M/s Wiley-Blackwell for the publication of Irrigation and Drainage Journal for the next 5 years starting Jan 2013.

6. To approve the organization of World Irrigation Forum as part of its triennial meetings cycle in the year preceding the Congress year starting in the year 2013,

7. To adopt the strategy to collaborate with International Organizations based on an agreed Memorandum of Understanding clearly stating the roles and obligation of the two parties, with clear indication of financial obligations,

8. Establish a Task Team to further elaborate in the form of a program document, the Concept Note on “Intensification of Irrigation and Drainage Research to Achieve Global Food Security”, under the chairmanship of PH Chandra Madramootoo, chairperson of WG-TRUE Ms Vincent, VP Backeberg with Secretary General as the resource person by end of September 2012.

Requests

1. PFC to go into the proposals from PCSO regarding inactive NCs membership and increasing the membership of National Committees and bring considered proposal back to the Council;

2. TUCID to work closely with the Management Board and the Secretary General to finalise the provisional program for the World Irrigation Forum within three months.

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Resolution IEC–3/63

INTERNATIONAL EXECUTIVE COUNCIL
Minutes of the 63rd meeting

RESOLUTION IEC-3/63: CHANGES IN THE CONSTITUTION AND BY-LAWS OF ICID

THE Council

Considering the Report of the Review Committee on Broadbasing,

Considering further the report of the Special Committee on Review of the Constitution and By-laws established at the 62nd meeting of IEC,

Noting the endorsement of the Management Board and the Office Bearers Committee,

Decides unanimously

1. Open "Direct Membership" to the individuals, institutions and companies, in addition to the membership of the National Committees,

2. Adopt the amendments to the ICID Constitution as listed in **Annex R3.1** to this resolution;

3. Adopt the amendments to the ICID By-laws as listed in **Annex R3.2** to this resolution;

4. Set up a Special Committee to look into the proposed amendments to the By-laws;

5. Adopt the procedure as laid down in the Guidelines for Administering Direct Membership (**Annex R3.3**),

6. Establish the Direct Membership Administering Sub-Committee (of max 4 persons) to be nominated by Chair of PFC with one member co-opted from PCSO,

Requests

1. Secretary General to regularly report to the Council on the progress in increasing the "Direct Membership",

2. The PFC to take a closer look at the revenue, the incidental expenditure on maintaining the new membership vis a vis the fee structure and report to the Council at its 64thmeeting,

3. The PFC to keep these guidelines under constant review and suitably incorporate changes for the smooth administration of the Direct Membership and avoid any conflict of interest between the National Committee while admitting the Direct Members,

4. The Management Board to set up a Marketing Team to advise the Secretary General in starting the membership drive,

5. The NCs to update their Constitutions duly taking into account the various suggestions made on this subject during various discussions within IEC, and provide the updated version to CO as this will form a crucial document in administering the direct membership

6. The NCs who have not submitted their Constitutions or do not have a Constitution to prepare one and submit it to CO at the earliest,

7. The Secretary General to circulate the note prepared by PH Peter Lee on the broadbasing the NCs to all the NCs

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ANNEXES TO RESOLUTIONS

Annex R1.1

SUMMARY OF ACTUALS 2011-12, APPROVED BUDGET 2012-13, FORECAST 2012-13, BUDGET 2013-14 AND PRELIMINARY BUDGETS 2014-15 AND 2015-16

		Actual 2011-12	Approved Budget 2012-13	Forecast 2012-13	Budget 2013-14	Preliminary Budget2014-15	Preliminary Budget 2015-16
		₹	₹	₹	₹	₹	₹
I	**RECEIPTS**						
	1. Membership Subscriptions	8,503,770	10,636,120	11,499,100	11,848,300	12,199,700	12,565,800
	2. ICID Journal	447,806	675,800	631,600	763,200	0	0
	3. Publications	272,036	166,000	94,000	67,000	153,000	40,000
	4. Conference Support	4,607,192	4,065,000	5,751,800	1,879,200	13,540,000	2,304,000
	5. Interest	1,276,044	1,150,000	990,000	3,285,600	3,673,300	1,205,000
	6. Other Receipts	4,812,554	165,000	2,132,965	1,313,500	300,000	310,000
	7. Let out property, Rent and Arrears	10,015,248	10,015,250	10,015,250	19,051,700	21,156,000	21,156,000
	TOTAL RECEIPTS	**29,934,650**	**26,873,170**	**31,114,715**	**38,208,500**	**51,022,000**	**37,580,800**
II	**PAYMENTS**						
	1. Compensation Package for Secretary General	2,105,112	1,828,000	2,243,700	2,373,300	2,502,900	2,632,500
	2. Salaries and Retirement dues of Staff	14,216,732	14,265,000	15,759,700	17,236,100	17,875,100	19,265,500
	3. Service & Maintenance	2,453,239	2,870,000	3,820,000	3,795,000	4,220,000	4,570,000
	4. Property Tax & Utilities	3,811,766	2,090,000	2,140,000	2,160,000	2,190,000	2,190,000
	5. Rehabilitation / Refurbishing	173,152	100,000	200,000	1,500,000	1,500,000	1,500,000
	6. ICID Journal	1,695,005	1,791,900	1,954,800	2,073,600	0	0
	7. Printing and Distribution	525,326	1,452,000	1,061,000	1,121,000	1,171,000	1,171,000
	8. Conference Expenditure	1,055,904	210,000	20,000	20,000	410,000	30,000
	9. Subscription to other organizations	48,960	0	0	0	60,000	0
	10. Travel Expenditure on Meetings	1,614,475	1,060,000	1,060,000	1,160,000	1,160,000	1,160,000
	11. Payment to L&DO (MoUD) from Rent	0	2,000,000	6,000,000	2,000,000	3,200,000	3,200,000
	12. Other Payments	1,013,523	44,000	0	0	0	0
	TOTAL PAYMENTS	**28,713,194**	**27,710,900**	**34,259,200**	**33,439,000**	**34,289,000**	**35,719,000**
	Surplus (Deficit) (1)	**1,221,456**	**-837,730**	**-3,144,485**	**4,769,500**	**16,733,000**	**1,861,800**
	Grant Receipts	263,956	500,000	2,000,000	2,000,000	2,000,000	2,000,000
	Grants utilisation	786,149	500,000	0	2,000,000	2,000,000	2,000,000
	Surplus (Deficit) of Grant (2)	**699,263**	**0**	**2,000,000**	**0**	**0**	**0**
	Net Surplus/ Deficit (1)+(2)	**1,920,719**	**-837,730**	**-1,144,485**	**4,769,500**	**16,733,000**	**1,861,800**
	Internal Transfers to Gratuity and Superannuation Fund	**1,050,000**	**1,050,000**	**1,050,000**	**1,050,000**	**1,050,000**	**1,050,000**

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Annex R2.1

REVISED MEMBERSHIP OF WORKING GROUPS UNDER PCSO & PCTA

A. MEMBERSHIP OF WGs UNDER PCSO			
Sl. No.	**Members**	**Country**	**Accepted/ Deferred**
WG-IDDST			
1	Mr. Ravshan Mamutov	Uzbekistan	Deferred
C-CONGR			
2	Mr. Ian Atkinson	Australia	Accepted
3	Mrs. SerpilKoylu	Turkey	Accepted
4	Dr. ArthonSuttigarn	Thailand	Accepted
YPF			
5	Ms. Ezee G.C	Nepal	Accepted
6	Dr. Ibrahim El-Baroudy	Egypt	Deferred
ASRWG			
7	Mr. Arthon Suttigarn	Thailand	Accepted
8	Dr. Aynur Fayrap in place of Mr. Taner Kimence	Turkey	Accepted
9	Mr. Wang Aiguo in place of Mr. Wang Xiaodong	China	Deferred
10	Dr. Kota Tirupataiah in place of Mr.Ravinder Singh	India	Accepted
ERWG			
11	Dr. Klaus-Dieter Vorlop in place of VPH Dr. EikoLübbe	Germany	Accepted
12	Dr. Irina Bondarik	Russia	Accepted
AFRWG			
13	Engr. Adriano de Vito	Italy	Deferred
B. MEMBERS TO BE REPLACED FROM WGS UNDER PCSO			
Sl. No.	**Members**	**Country**	**Recommends**
WG-IDSST			
1	Mr. John Osterberg	USA	To be replaced
2	Eng. M.S. Adamu	Nigeria	To be replaced
3	Mr. Ron W. Coley	Canada	To be replaced
4	Mr. M. Falciai	Italy	To be replaced
YPF			
5	Ms. Nepveu de Villemarceau	France	To be replaced

Sl. No.	Members	Country	Recommends
ASRWG			
6	Mr. B. M. Yusupov	Uzbekistan	To be replaced
7	Mr. T. Anwar Khan	Bangladesh	To be replaced
8	Mr. Waseem Nazir	Pakistan	To be replaced
ERWG			
9	Dr. Michele A. Cuccaro	Italy	To be replaced
AFRWG			
10	Ms. Raphaele Ducrot	France	To be replaced
11	Dr. Makonnen Loulseged	Ethiopia	To be replaced

C. MEMBERSHIP OF WGs UNDER PCTA			
Sl. No.	**Members**	**Country**	**Accepted/ Deferred**
PCTA			
1	Dr. Masayoshi Satoh in place of Dr. Yohei Sato	Japan	Accepted
2	Prof. Graziano Ghinassi in place of Prof. Daniele de Wrachien	Italy	Accepted
WG-CROP			
3	Mrs. Gao Hong in place of VPH Prof. Cai Lingen	China	Accepted
4	Mr. Shreemat Shrestha	Nepal	Deferred
5	Mr. Valey Vladimirovich Kalsky	Russia	Accepted
WG-ON FARM			
6	Mr. Suman Sijapati	Nepal	Deferred
7	Prof. Li Guangyong in place of Mr. Yan Guanyu	China	Deferred
8	Dr. Chen, Ching-Tien in place of Mr. Yeh, Shu-Shr	Chinese Taipei	Accepted
WG-POVERTY			
9	Mr. Nibash Chandra Shrestha	Nepal	Deferred
10	Dr. Yu-Chuan, Chang	Chinese Taipei	Accepted
11	Dr. Laura Schroeder	USA	Accepted

Sl. No.	Members	Country	Accepted/ Deferred
WG-SDTA			
12	Prof. Zhang Zhanyu in place of VPH Prof. Cai Lingen	China	Accepted
13	Ir. Hj. Nor Hisham bin Mohd Ghazali in place of Mr. Teoh Weng Chaw	Malaysia	Accepted
WG-CAFM			
The new Vice Chair of WG-CAFM is Prof. Dr. –Ing. Klaus Rottcher (Germany)			
14	Mr. Arthon Suttigarn	Thailand	Accepted
15	Mr. Pradeep Kumar Manandhar	Nepal	Deferred
16	Mr. V.D. Roy in place of Mr. Chottey Lal	India	Deferred
17	Ms. Ir. Aysen Pervin Gungor	Turkey	Accepted
18	Dr. Herman Booysen	South Africa	Accepted
WG-WATS			
The new Vice Chair of WG-WATS is Mr. Mehrzad Ehsani (Iran)			
19	Dr. Önder ÖKMEN as Young Professional (below 40 years of age)	Turkey	Accepted
20	Ms. Ir. Nadide Demir	Turkey	Accepted
21	Dr. Nico Benade in place of Mr. Neil Louis Lecler	South Africa	Accepted
22	Dr. Xian Chongbao in place of Prof. Li Yuanhua	China	Deferred
23	Mr. Premed Kumar Shrestha	Nepal	Deferred
WG-CLIMATE			
24	Mr. Mehmet TAHMİSCİOĞLU in place of Ms. Nurgul Uzucek	Turkey	Accepted
25	Dr. Manzoor Ahmad Malik	Pakistan	Deferred
26	Mr. Dinesh Bhatt	Nepal	Deferred
27	Ir. C.W.J. Roest	The Netherlands	Deferred
WG-DROUGHT			
28	Mr. Clark Ballard	Australia	Accepted
29	Dr. Ir. Gurhan Demir	Turkey	Accepted
30	Dr. Mr. Hakan Aksu as Young Professional	Turkey	Accepted

Sl. No.	Members	Country	Accepted/ Deferred
EB-JOUR			
31	Dr. Li Jiusheng	China	Accepted
32	Mr. Atul Jain	India	Deferred
Prof. Nick van de Giesen (The Netherlands) to step down as Jt. Editor but to continue as Asso. Editor.			
Prof. Jinzhong Yang (China) and Mr. C.M. Pandit (India) will step down.			
WG-PQW			
33	Ms. Nur Kuru	Turkey	Accepted
34	Dr. Ding Kunlun in place of Prof. Yang Jinzhong/ Prof. Gao Zhanyi	China	Accepted
35	Mr. Zafar Iqbal Raza in place of Dr. Ramzan Choudhry	Pakistan	Deferred
36	Dr. Tapas Kumar Biswas	Australia	Accepted
TF-BIO-ENERGY			
37	Mr. Simon Howarth	UK	Deferred
38	Mr. Uttam Raj Timilsina	Nepal	Accepted
39	Dr. Tian Fuqiang	China	Accepted
CPR&P			
40	Mr. A. K. Kharya	India	Deferred
41	Dr. Yingduo Yu	China	Accepted
WG-HIST			
42	Mr. Basudev Timilsina	Nepal	Deferred
43	Mr. Mazhar Ali Shah in place of VPH Dr. I.B. Shaikh	Pakistan	Deferred
44	Mrs. Ela Ekin	Turkey	Accepted
WG-DRG			
45	Dr. Momon Sodik Imanudin	Indonesia	Accepted
46	Dr. Loh Kim Mon in place of PH Keizrul Bin Abdullah	Malaysia	Deferred
47	Prof. Nor Azazi Zarkaria	Malaysia	Deferred
WG-ENV			
48	Dr. Muhammad Mehboob Alam	Pakistan	Deferred
49	Dr. Aynur Fayrap in place of Mr. Taner Kimence	Turkey	Accepted
50	Mr. Santosh Kaini	Nepal	Deferred
51	Mr. Mohd Azmi Ismail	Malaysia	Deferred

D. MEMBERS TO BE REPLACED FROM WGS UNDER PCTA			
PCTA			
1	Mr. Bruno Molle	France	To be replaced
2	VPH Hussien Ehsan El-Atfy	Egypt	To be replaced
WG-ON-FARM			
3	VPH Dr. F. Ligetvari	Hungary	To be replaced
4	Mrs. Mira Edelbeher	Slovenia	To be replaced
5	Dipl. Ing. Bernd Probst	Germany	To be replaced
6	Dr. E.J. James	India	To be replaced
WG-CAFM			
7	Prof. Josip Petras	Croatia	To be replaced
8	Dr. Lajos Szlavik	Hungary	To be replaced
9	Prof. dr. Franc Steinman	Slovenia	To be replaced
WG-WATS			
10	VPH Mark Svendsen	USA	To be replaced
11	Dr. Hsu, Shiang-Kueen	Chinese Taipei	To be replaced
	WG-CLIMATE		
12	VPH Dr. Andre Musy	Canada	To be replaced
13	Ms. Nurgul Uzucek	Turkey*	To be replaced
WG-PQW			
14	Dr. Jan Salek	Czech Rep.	To be replaced
15	Mr. Jose Manuel Arangao Maldonado	Mexico	To be replaced
16	Dr. Wen-Lin Chang	Chinese Taipei	To be replaced
17	Dr. Ramzan Chowdhry	Pakistan	To be replaced
18	Mr. Martin Roche	USA	To be replaced
19	Ms. Esther O. Ogunniyi	Nigeria	To be replaced
20	Dr. Jorge Tarchitzky	Israel	To be replaced
WG-HIST			
21	Mrs. F. Sinatti	Italy	To be replaced
22	Mr. Jean Verdier	France	To be replaced
WG-ENV			
23	Mr. Barkat Hadid	Syria	To be replaced
24	Dr. Eiko Lubbe	Germany	To be replaced
25	Dr. Dennis Wichelns	USA	To be replaced

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Annex R2.2

IMPROVEMENT IN THE FUNCTIONING OF WORKBODIES

(*Extracted from Annex 1 to Item No.2 of PCTA Agenda*)

It has to be conceded that the members of the Working Group and Task Forces devote their time to the activities of the WG/TF on a voluntary basis as they have full time jobs to attend to. Volunteerism is at the core of the spirit of ICID.

As per the ICID by-law 3.1.2, the Working Group should clearly identify its outputs, the target audience for the outputs and should identify and produce outputs that are significant and relevant to the theme of the Working Group such as a manual, a state-of-the-art review etc. **Annex R2.2(A)** gives the type of publications that could be considered for various kinds of audience, which the WG should consider as the possible outputs. It is therefore important to take actions on the following points:

1. Number of WGs and TFs shall be kept to a minimum in order clutter the program during the pre-IEC meetings and to make best use of the limited time available to members during the annual meeting along with the IEC meeting. Creation of new groups should come in most cases at the expense of closing down or merging existing groups.
2. Proposal for setting up new Working Groups shall be considered only if a “Scoping Document” (as per the Draft at **Annex R2.2(B)**) which includes a set of objectives that WG/TF intend to achieve during its tenure with a clearly delineated workplan and outputs based on global survey of the activity and the gaps in existing knowledge which ICID community would be best placed to fulfill. The partner expert organizations working with ICID (the Permanent Observers) should be consulted at this stage itself. It will help identifying the expertise as well as resources required for taking forward the outputs such as publications.
3. As the tenure of the working group will come automatically to an end at the end of year 6, any extension will be considered only for one year to complete the work in hand where substantial progress has been achieved and on submission of a new proposal with a “scoping document” similar to that required at the beginning of the working group tenure as given in part 1 above.
4. The WGs are encouraged to use their meeting time in the most productive ways to discuss topics relevant to the WG objectives and which contribute to achieving the WG objectives. Chairs must dispose of the administrative items of the agenda in the shortest possible time, {hopefully the new format of the WG agenda and minutes will facilitate the process}.
5. The provisions in the Constitution and by-laws governing the operation of workbodies shall be strictly enforced. These provisions may also be reviewed and suggestions such as above may be brought in.
6. New groups for specific and well defined purposes with a focused mission, and short duration should be given preference.
7. Working group chairpersons shall attend the PCTA meeting and report on progress towards achieving the WG goals.

Challenges in bringing out the outputs

Apart from the above structural deficiencies, the outputs from WGs/TFs may suffer due to:

a. Lack of incentive for the authors to contribute,
b. Long delays in finalization of the publications after they have been compiled, and
c. Uncertainty regarding the publication of the output

As mentioned earlier the ICID works on a voluntary contribution of time and expertise. As such, the NCs should nominate the persons who are already involved in similar work at home so that they can on one hand contribute to the WG/TF without much of an extra work and at the gain from the activities of WG/TF. Of course there is no substitute for the “love of knowledge”.

Sometimes after the experts in a WG/TF contribute towards a publication but the publication is not finalized for long due to various reasons. Even after the publication is finalized, it may not be published for the lack of financial resources. The Central Office should provide a certain specific amount in its Annual Budget to support publication of a minimum number of publications. The best outputs from the WGs/TFs should be given preference in such publishing.

ICID is committed to promote the development of "art and science" of managing water and land resources for irrigation, drainage and flood management. In order for ICID to be relevant to the policy makers, there is need for ICID to make use of its network to establish reliable databases in respect to various statistics related to irrigation and drainage to enable policy level decision making at global and regional levels. One area that has largely remained unattended is the art of irrigation for which specialists from outside the ICID community need to be involved. Some of these areas are:

1. Heritage irrigation structures
2. Storage statistics
3. Irrigation and drainage statistics
4. Itinerary of irrigation mega-structures

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Annex R2.2 (A)

PROPOSED OUTCOMES OF ICID WORKBODIES

ICID workbodies produce documents (technical paper, proceedings of the workshops, books, etc.) as their outcome from time to time. In order to streamline the publication format and guide the WGs while formulating their work plans and maintain uniformity, it is essential to define the scope, audience and volume of each category of document. The following table provides the categories of publications with the targeted audience, the objective along with their approving procedure/authority for consideration by the Committee.

Sr. No.	Type of publication	Target Audience	Broad purpose	Approving authority
1	Manuals	Professionals/Technical in field practitioners	To provide step by step and minute technical details of the task/topic	PCTA/ IEC
2	Guidelines	Professionals from and outside the discipline	To provides generic/broad outlines of the subject	PCTA/ IEC
3	Special publication as a book	Professionals from and outside the discipline	To compile scholarly contributions on the state-of-the art, best practices of the subject/ topic	PCTA/ IEC
4	Proceedings of the workshop/ conference	Professionals	Compilation of the papers presented in the workshop/ conference (with or w/o peer review)	WG
5	Technical paper	Professionals	For general circulation or submission to the journal (ICID or any other reputed publication)	WG
6	Technical note	Professionals from other disciplines	To create awareness/ publicize about an innovative technology (a write up of about 2 pages	WG
7	Policy Brief/ Position paper	All concerned on policy issues	ICID's position/ policy proposal on some most debated/ controversial topics (4-12 pages)	IEC
8	Compilation of data base	Professionals	Data/information compilation across the world pertaining to the activity area of the WB	WG
9	Non-technical paper/ article	General Public, non-technical stakeholders	For general public/ awareness creation about the subject/ topic through print media	PCSO

Each of the publication shall be prepared keeping in view the audience/ target group for whom the publication is prepared. Each WB needs to identify the publication(s) that it plans to bring out and include in its work plan indicating financial arrangement, if any required for the publication.

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Annex R2.2 (B)

DRAFT SCOPING DOCUMENTFOR
ESTABLISHING WORKING GROUPS AND TASK FORCES

A Working Group (WG) or a Task Force (TF) can be established in one of the following four ways:

(i) Recommendation of the Strategy Theme Leader,
(ii) Proposed by the National Committee(s),
(iii) Proposed by an existing Working Group, or
(iv) Proposed by one of the collaborative partners/ International Organizations

If the Strategy Theme leader identifies a gap in one of the thematic areas and considers that the topic needs to be given attention and ICID has the niche to provide leadership therein, the Theme leader, after discussions with some experts in that area call upon a small (2-4) 'Core Group' to develop the Concept/scoping document.

In case one of the NCs feels the necessity of a WG/ TF, in consultation with other two more NCs, they should prepare the Concept. These NCs should assume the responsibility of steering through the outputs from the WG/TF.

If one of the existing WGs wants to extend its tenure for the second term or wants to reorient its activities and take a new shape, it should in the last year of its present period, after establishing a Core Group to develop the Concept/scoping document. In such a case the existing WG should also provide a review of its activities and how would these outputs contribute to the work of the new WG/TF. A WG may like to sponsor a TF on specific issue.

In case one of the collaborative partners (e.g., FAO, IFAD, WMO, IWMI, ICOLD, UNDP) propose a WG for collaborating with ICID on one of their programmes, the leader of the Thematic Area should establish a small group of experts, who in collaboration with the sponsoring partner should develop the scoping document.

This scoping document is essential to be prepared and submitted to the PCTA before the proposal is considered by the Committee. It should be submitted at least two or three months in advance of the PCTA meeting where the decision to establish the new WG/TF is to be taken.

Framework for the scoping document

The scoping document shall cover at least the following sections answering some of the questions mentioned therein, but not limited to them.

A Objectives

Relevance of the Working Group/ Task Force
How is the WG relevant to the scope of the Thematic Area
What existing gap will the WG/TF fill

B State of knowledge on the topic

Which other International Organisations are working on the subject
What niche will ICID fill in this area
How will the WG collaborate with them

C Work Plan

Outputs
Scope
Target Audience
Timelines
Collaborators and dissemination strategy

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Annex R3.1

ICID•CIID

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

DRAFT CONSTITUTION (2012)

(*As approved by 63rd IEC*)

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

CONSTITUTION (2012)

ARTICLE (1)–PREAMBLE

1.1 The International Commission on Irrigation and Drainage is established as a Scientific, Technical, Professional, and Voluntary Not-for-profit Non-Governmental International Organization (NGO-ONG), dedicated, inter alia, to enhance the world-wide supply of food and fibre for all people by improving water and land management, and the productivity of irrigated and drained lands through the appropriate management of water, environment and the application of irrigation, drainage and flood control techniques.

1.2 In the text of this Constitution, the International Commission on Irrigation and Drainage is referred to as the Commission or as ICID (CIID in the French version) and among international authorities, as ICID (CIID).

ARTICLE (2) – OBJECTS

Mission

2.1 The **Mission** of the International Commission on Irrigation and Drainage is to stimulate and promote the development of the arts, sciences and techniques of engineering, agriculture, economics, ecology and social science in managing water and land resources for irrigation, drainage, flood control and river training applications, including research and development and capacity building, adopting comprehensive approaches and up-to-date techniques for sustainable agriculture in the world.

Scope

2.2 The Commission in achieving its mission may consider the following objectives:

(a) Planning, financing, socio-economic and environmental aspects of irrigation, drainage, flood control and undertakings for the reclamation and improvement of lands as well as the design, construction and operation of appurtenant engineering works including dams, reservoirs, canals, drains and other related infrastructure for storage, conveyance, distribution, collection and disposal of water.

(b) Planning, financing, socio-economic and environmental aspects of schemes for river training and behaviour, flood control and protection against sea water intrusion of agricultural lands as well as the design, construction and operation of appurtenant works, except such matters as relate to the design and construction of large dams, navigation works and basic hydrology;

(c) Research and development, training and capacity building in areas related to basic and applied science, technology, management, design, operation and maintenance of irrigation, drainage, flood control, river training improvement and land reclamation.

(d) Facilitation of international inputs required by the developing countries, particularly the low income countries lagging in the development of irrigation and drainage;

(e) Promotion of the development and systematic management of sustained irrigation and drainage systems;

(f) Pooling of international knowledge on the topics related to irrigation, drainage and flood control and making it available worldwide;

(g) Addressing of international problems and challenges posed by irrigation, drainage and flood control works and promoting evolution of suitable remedial measures;

(h) Promoting savings in use of water for agriculture;

(i) Promoting equity including gender equity between users and beneficiaries of irrigation, drainage and flood control systems;

(j) Promotion of preservation and improvement of soil and water quality of irrigated lands.

2.3 The Commission will accomplish its mission by:

(a) exchange of information amongst its National Committees and Direct Members;

(b) holding periodical meetings, sponsoring of conferences, symposia, workshops, exhibits, training and study tours;

(c) organizing studies and experiments;

(d) publication of research journals, conference proceedings, reports, guidelines for best practices, books, documents, audiovisual and electronic media materials;

(e) publishing special or any other publications including newsletters, bulletins, periodicals, pamphlets, posters, magazines, teaching and extension aids and literature for informing the world community at large about the developments associated with irrigation, drainage and flood control;

(f) cooperating with other national, regional and International Organizations, whose interests and activities are related to the mission of ICID, and

(g) taking such other measures as may be considered necessary within its field of activities.

ARTICLE (3)– MEMBERSHIP

Basis of Membership

3.1 ICID consists of National Committees (Article 4) of the Member Countries, on the basis of one National Committee for each such country. Professionals, individuals and officers of government or of an institution or institutions - government and non-government; and companies, effectively representing interests within the scope of the objects of the Commission may participate in ICID activities through membership of the respective National Committees in accordance with its constitution.

3.2 Any geographical area independently administered by a sovereign government and having interest in the activities of the Commission shall be eligible to participate in the activities of the Commission. Accordingly, in exceptional cases, the Council may, having regard to the coexistence of separate sovereign geographical areas or countries, accept the representation of the sovereign parts of a country by separate National Committees. In the case of a Federal System of government, or similar set-up, only one National Committee shall be recognized for membership in ICID.

3.3 Individuals, institutions and companies from those countries that are not a Member of ICID, or those countries where the constitution of the National Committee does not have provision for the participation of individuals, institutions or companies, can become a Direct Member (Article 5) of ICID, provided they abide by the constitution of ICID.

Application for Membership

3.4 In applying for membership, any constituted National Committee or potential Direct Member must unreservedly signify its acceptance of the Constitution and By-laws of the Commission, and justify its claim to admissibility. A National Committee must give proof of its representative character by documenting participation of the various disciplines and institutions involved in the development and management of irrigation, drainage and flood management within the country.

3.5 The form in which such application must be made shall be determined by the Council in accordance with the By-laws(Article 12.4) or rules and/or other provisions of this Constitution.

Acceptance by the Council

3.6 The Council shall consider applications for admission to membership of ICID received in accordance with the Constitution and By-Laws. It reserves the right to accept or reject any such application for admission without assigning any reason therefor.

3.7 After the application has been made in accordance with the Constitution and By-Laws, the International Executive Council (IEC) shall decide if the application of the National Committee representing the Country is to be accepted and if so, shall determine the name of the National Committee as well as its annual subscription.

3.8 Similarly, the application made for Direct Membership shall be considered by IEC whose decision shall be final. Applicants shall be members of the Commission after they have been notified, in writing, by the Secretary General of the Council's decision.

ARTICLE (4) – NATIONAL COMMITTEES

Composition

4.1 Each National Committee may be constituted in the manner desired by each country in conformity with the provisions of this Constitution but it is recommended that, as far as possible, each National Committee shall be composed of representatives of officers of government(s), technical and scientific organizations, government and non-government institutions, irrigators, companies and individuals with interests concerned with, or desirous of promoting and furthering the mission and objectives of the Commission.

Responsibilities

4.2 Each National Committee shall cooperate with, and assist the Commission in promoting its mission and objectives. It shall also encourage the collaboration or cooperation of allied disciplines and institutions within the country to promote the mission and objectives of the Commission in a manner best suited to the circumstances of each country.

4.3 Each National Committee shall transmit a copy of its constitution and of modifications made thereto from time to time to the Central Office (Article 8.2) of ICID.

ARTICLE (5) – DIRECT MEMBERS

5.1 Direct Membership of the Commission may comprise:

(a) Individuals (regular, young professional, retirees);
(b) Companies (classified according to the annual gross turnover); or
(c) Institutions (classified according to the number of employees; private institutions shall be classified as Company)

5.2 The classification of the Direct Membership categories shall be determined and modified as necessary from time to time in the By-Laws.

5.3 Direct Membership shall be open to any individual, institution or companies that meets the criteria of articles 3.3 and 3.4. In addition to individuals, Direct Members may comprise government and non-government institutions; technical, scientific and educational organisations; and private companies or private institutions/organisations with interests in and desirous of promoting and furthering the mission and objectives of the Commission.

Responsibilities

5.4 Each Direct Member shall cooperate with the National Committee in the home country as identified in the application form, where a National Committee exists.

5.5 Under exceptional circumstances, such as described in the By-Laws and amended from time to time as required, the IEC may allow Direct Membership in deviation from article 3.3.

ARTICLE (6) – INTERNATIONAL EXECUTIVE COUNCIL

Definition

6.1 The International Executive Council, hereinafter called the Council, the Executive Council or IEC is vested with the management of the affairs of the International Commission on Irrigation and Drainage.

Role

6.2 The Council shall consider all matters of policy which may be initiated or sponsored by any member National Committee or Office-Bearer (Article7) or by the Management Board (Article8.1) and may itself initiate and determine or otherwise advise and lay down any matter of policy. The Council shall also consider what action, if any, need be taken on the recommendations or conclusions of the studies, experiments or discussions organized by the Commission. All matters affecting the executive or administrative functions and financial liabilities of ICID must come up before the Council and its decision shall be conclusive. The Central Office of ICID shall act as an instrument for carrying into effect all decisions taken by the Council.

Composition

6.3 The Council shall consist of the Office-Bearers, as hereinafter mentioned, and one duly appointed representative from each National Committee, other than those deemed to be inactive (Article11).Such National Committees, acting autonomously, may change its representative at any time it may desire. The appointed representatives of the National Committees and the Office-bearers attending a meeting shall constitute the membership of the Council for that meeting.

6.4 A National Committee may send more than one representative to a meeting of the Council, but each National Committee shall be entitled to one vote only. No Office-Bearer (past or present), unless acting as the representative of a National Committee, shall have any vote except that the President shall have a casting vote. Decisions shall be taken by a simple majority of those present and voting, except when otherwise specified in this Constitution.

6.5 Any National Committee which will have no representative at a meeting of Council may submit any matter in writing to the Secretary-General for consideration by the Council; this shall be read at the meeting but shall not be deemed to constitute a vote at the meeting except when the Council may decide in any particular case.

6.6 Former Presidents, Vice-Presidents and Secretaries-General of the Commission are respectively called Presidents Honoraire, Vice-Presidents Honoraire, and Secretaries-General Honoraire. They shall be privileged to take part in the meetings of the Council after their terms of office have expired, but will not be eligible to vote in addition to their respective National Committees.

6.7 Direct Members can participate in the meeting of the Council but will not be eligible to vote.

6.8 The Council shall set up such committees, work groups, task forces, and other work bodies as it may consider necessary for the performance of such functions or implementation of such of its policies or decisions as it may desire and may make such specific delegation of its powers to each of them as it may deem desirable.

6.9 In the interest of furthering the objects of the Commission, the Council may take all such action as it may consider necessary within the framework of this Constitution.

Annual Meeting

6.10 An ordinary meeting of the Council shall be held at least once every year, at such place as may be determined by the Council for the transaction of the business of the Commission, including approval of annual budget, estimates of receipts and expenditure, and for the election of Office-Bearers.

ARTICLE (7) – OFFICE-BEARERS

Composition

7.1 The Office-Bearers of ICID shall be one President and, nine Vice-Presidents, who shall hold office in an honorary capacity (without remuneration), and one Secretary-General.

Election of President and Vice-Presidents

7.2 Election of Office-Bearers with the exception of the Secretary-General shall be by majority vote of the members of the Council present when the election takes place.

7.2.1 The Council shall frame such By-laws as it may deem necessary laying down the procedure for the elections, including that for determining the relative seniority of Vice-Presidents.

7.2.2 Not more than one of the ten offices (One President and nine Vice-Presidents) shall be held by any one country at one time.

7.2.3 Except as provided in Article 7.3.1, the President shall be elected at the Council meeting taking place concurrently with a Congress and shall take office at the conclusion of the Congress and its adjunct study tours. The term of office of the President shall be three years, which period, for the purpose of this Article, shall be the period from the end of one Congress to the end of the next Congress.

7.2.4 The term of office of each of the nine Vice-Presidents shall be for duration of three years. For the purpose of this Article, a term shall commence at the conclusion of the Executive Council meeting and its appurtenant study tours during which the election was held and terminate at the conclusion of the third ordinary Executive Council meeting and its appurtenant study tours. In case this third Executive Council meeting is held at the time of the Congress, then the term of office shall expire at the conclusion of the Congress and its appurtenant study tours. A special meeting of the Council shall not affect the term of office.

7.2.5 A President or a Vice-President shall hold office for only one full term of three years, not counting for this purpose any appointment and its term under Article 7.3for part of a term. This rule shall not, however, come in the way of election as President of any person who may be Vice-President or has held this office at any time earlier.

President Incapacitated

7.3 In the event of the President being temporarily incapacitated, the most senior Vice-President shall perform the functions of the President during the continuance of such incapacity until the next ensuing meeting of the Council when the position shall be reviewed by the Council.

7.3.1 Should the President die, become permanently incapacitated or resign during his period of office, the first Vice-President, failing whom the second Vice-President, failing whom the third Vice President, and so on in order of seniority, shall perform the functions of the President until the next ensuing meeting of the Council when the Council shall fill such vacancy, the person so appointed to serve for the unexpired portion of the period of office of the President whose place he is taking.

Vice-President Vacancies

7.4 In the event of vacancy occurring from any cause whatever, in any of the offices of Vice-President, the Council shall fill such vacancy at its next meeting, the person so appointed to serve for the unexpired portion of the period of office of the Vice-President whose place he is taking.

Appointment of Secretary-General

7.5 **Nomination**: The Secretary-General shall be nominated by the President, acting as Chairperson of the Management Board, and appointed by the Council.

7.6 **Term of Office**: The term of office of the Secretary-General shall normally be three years unless otherwise specified by the Council and shall normally commence at the beginning of the calendar year, or otherwise expressly stated in the appointment letter. As far as possible, the term of the office of the Secretary-General shall be such that it shall not end at the same time as the term of the President. The incumbent Secretary-General may be renominated for reappointment to a second consecutive term. Only under special circumstances may the Secretary-General be renominated to a third term.

7.7 **Conditions of Appointment**: The conditions and terms of appointment of the Secretary-General shall be defined by the President, acting as Chairperson of the Management Board. The President, acting as the Chairperson of the Management Board shall make arrangements for the continuance of functions should the Secretary-General be unable to perform his duties.

Irregularity of Appointment

7.8 Any irregularity in the appointment or continuance in the office/offices of President and Vice-Presidents will not vitiate any decisions or resolutions that have been passed at the meeting/meetings of the International Executive Council.

Secretary-General Incapacitated

7.9 Should the Secretary-General become temporarily incapacitated during his term of office, the President, acting as Chairperson of the Management Board, shall arrange for the carrying out of the functions of the Secretary-General during the continuance of such incapacity until the next ensuing meeting of the Council when the position shall be reviewed by the Council.

7.10 Should the Secretary-General become permanently incapacitated, resign or die during his term of office, the President, acting as the Chairperson of the Management Board, shall arrange for the carrying out of the functions of the Secretary-General until a new Secretary-General is appointed by the Council.

Notification to Banks

7.11 Information about the exigency mentioned in Articles 7.9 and 7.10 occurring will be given to the Banks by the President, in order to enable the continuance of operations on the accounts of the Commission by a designated employee until the recovery of the Secretary-General or the appointment of the new Secretary-General as the case may be. The Banks shall also be informed that instead of the Secretary-General, until further notice, the President, shall act as the First Trustee of the ICID Contributory Provident fund.

Delegation of Powers by Council

7.12 The Council may delegate, from time to time, such specific function, or functions and/or powers and rights, as it may find expedient, to the President of the Commission, in addition to the normal duties of the President as described in Article7.15.The President shall be the Presiding Officer at a Congress and at all meetings of the Council. The Management Board may suggest an appropriate person to the host Organizing Committee to conduct the different technical sessions organized in conjunction with a Congress, conference or annual meeting of the Council.

7.13 The Council may delegate such of its powers to the Secretary-General, or to a serving Vice-President, as it may deem desirable from time to time.

Absence of President

7.14 Except as provided in Articles 7.12 and 7.13, the Vice-Presidents in order of seniority in office shall be presiding officers of meetings of the Commission in the absence of the President. For the Opening and Closing Sessions of a Congress, however, in the absence of the President, the presiding officers shall be from among the Vice-Presidents present as may be decided at a meeting of Office-Bearers preceding the Congress.

The President: Responsibilities

7.15 The President is the highest officer of ICID elected by the International Executive Council. The duties of the President shall include, but not be limited to the following duties subject to the provisions of the Constitution and By-laws:

(a) Chair meetings of the Council
(b) Chair the Management Board
(c) Chair the Office-Bearers Committee
(d) Chair the Staff Committee of the Central Office
(e) Nominate the Secretary-General
(f) Nominate / Appoint the Chairpersons of Permanent Committees
(g) Designate specific duties to the Vice-Presidents
(h) Invite nomination from National Committees for the position of President and Vice Presidents.
(i) Represent ICID in international fora
(j) Review the finances and budgets of ICID
(k) Promote ICID internationally
(l) Undertake any other duties assigned by the Council

Secretary-General: Responsibilities

7.16 The Secretary-General shall be responsible for the conduct of all administrative and financial business of ICID, for the preparation of the agenda of all meetings of the Council and for the record of minutes thereof. He shall exercise overall supervision of all activities connected with the Congresses and other meetings of ICID and also such other powers and rights as may be delegated to him by the Council and/or the President in the interest of the Commission.

7.17 The Secretary-General shall also be the Treasurer of ICID and shall report annually, and at such other times as the Council may direct, on the accounts of the Commission. He/she shall also prepare and submit to the Council, for its approval, annual budget estimates of the receipts and expenditure.

7.18 In addition to other duties outlined herein, the Secretary-General shall be directly responsible for the promotion of ICID, for the development and maintenance of relationships with international organizations, and for carrying out studies and promoting good policies for irrigation and drainage practices worldwide. The Secretary-General shall exercise overall supervision of all activities connected with the Congresses and other meetings of ICID and also such powers and rights as may be delegated to him by the Council.

ARTICLE (8) - MANAGEMENT

Management Board

8.1 The Council shall be assisted in the management of the affairs of the Commission by a Management Board composed of the President of ICID, who shall be the Chairperson, immediate past President of ICID (one year only), Chairpersons of the Permanent Committee for Technical Activities (PCTA), Permanent Finance Committee (PFC) and Permanent Committee on Strategy & Organization (PCSO) (Art 3.8 of By-laws) and the Secretary-General.

Central Office in New Delhi

8.2 The Central Office of the Commission shall be located in New Delhi, India, and shall be maintained under the general supervision of the Council and under the immediate direction of the President.

Administration of Central Office

8.3 A Staff Committee headed by the President, and with other members as designated by the Management Board, shall review and reformulate the work procedures and the staff structure in the Central Office in keeping with the changing requirements of the Commission and advise the Secretary-General on the functioning of the Central Office.

8.4 Attached to the Central Office, shall be a Secretary-General of ICID, and such staff, including professional(s) as may be approved by the Staff Committee to carry out the work of the Central Office (staff appointed on a temporary basis for a duration of not more than six months need not be approved by the Staff Committee).

8.5 The Secretary-General shall appoint and supervise the staff of the Central Office within the budget provision and in keeping with the directions issued by the Staff Committee from time to time.

8.6 The Secretary-General shall establish such rules, including ICID Contributory Provident Fund Rules, and procedures as may be considered necessary, for governing the staff and for the proper functioning of the Central Office in consultation with the Staff Committee. He / She shall also establish rules for delegation of such powers as may be deemed desirable in the interest of ICID and bring them to the notice of the Staff Committee.

Financial Management

8.7 The Secretary-General shall instruct the Central Office staff on all matters concerning the current business, funds and accounts of the Commission, and shall incur within limits of the approved budget all expenditure on behalf of the Commission.

8.8 The Secretary-General shall select, with the approval of the Council, a Bank or Banks for depositing the funds of the Commission. He shall receive all subscriptions and other monies due to the Commission.

8.9 Each year the Council will approve the budget for the following fiscal year. The fiscal year of ICID shall be determined by the Management Board.

8.10 If a Council meeting is not held in a given year, the Secretary-General may incur expenditure required for the day to day functioning of the Central Office based on the budget for the previous year. For any expenditure on other items, the Secretary-General must obtain prior approval of the Management Board.

8.11 If the Council meeting is not due to be held before March 31, the Secretary-General shall, by the end of February, submit to the Chairperson of the Management Board for approval, budget proposals for the year and may incur expenditure for the year from April 1, in accordance therewith, or as may be modified by the Management Board.

8.12 The accounts of ICID shall be audited regularly in a manner to be determined by the Council.

Documents

8.13 The Central Office shall issue a Journal, or Bulletins and Newsletters and such other periodic communications containing news about, and short articles on: projects; technical articles; and information on new research findings and about new practices, in the field of activities of ICID. The Central Office shall also issue such other periodicals, pamphlets, magazines, and/or special publications as may be desired or approved by the Council. The arrangements for financing the periodicals and special publications shall be determined by the Council.

8.14 The Central Office shall compile information, develop documents, and publish an annual report on the work of the Commission.

8.15 The Central Office shall also carry out studies, tests, surveys, research, and experimental work as may be approved by the Council and reports there on shall be distributed to National Committees and Direct Members as decided by IEC. The Central Office shall also prepare the agenda and the proceedings of all meetings of the Council and the Management Board, the Permanent Committees of the Commission and the Staff Committee.

8.16 The Central Office shall arrange interchange of documents and other information among National Committees and Direct Members, and do all such acts as may be directed or approved by the Council to promote the objects of the Commission.

Library

8.17 The Central Office shall maintain a Technical Library of literature pertaining to the field of activities of the Commission or allied matters. The library will, inter alia, help in preparing bibliographical bulletins, worldwide surveys on different subjects and special publications. The Central Office shall also maintain the records, reports, and documents of the Commission.

Civil Matter Representation

8.18 In any civil matter pertaining to ICID, the Secretary-General or any person so designated by him shall represent ICID. In case the matter is of sufficient importance, the Secretary-General shall, as soon as possible, bring the matter to the notice of the President and if necessary, of the Council.

ARTICLE (9) – TECHNICAL SESSIONS

Congress

9.1. The Council shall from time to time arrange Congresses, Conferences and/or workshops and meetings, including Special Sessions, Symposia and Seminars, for the presentation of papers or reports and for general discussion of matters within the scope of activities of the Commission.

9.2 A Congress, including, if desired, Special Sessions, Symposia or Seminars shall be held at such a place and date as may be determined by the Council.

9.3 The Council shall determine the questions or themes for discussion at a Congress. The Council shall enact By-laws or rules covering the presentation of papers to, participation at, and conduct of, Technical Sessions.

Resolutions at Congress

9.4 Resolutions may be presented and adopted at a Congress or any other Technical Session but shall be considered as advisory only and shall not be deemed to represent the views of the Commission unless separately presented to, and approved by the Council. No matters affecting the executive functions of the Council shall be discussed at any Congress or at other Technical Sessions of the Commission.

Working Languages

9.5 The working languages of ICID will normally be English and French. Translations shall be provided as determined by the Council keeping in view the requirements of countries. For reaching a wider community of interests in irrigation and drainage matters, the Council may also determine the arrangements to be made for translation to be provided in other international languages.

Transactions and Proceedings

9.6 The Transactions of any Congress and Proceedings of other Technical Sessions will be published as soon as practicable after termination of the Congress or Session. The Transactions and Proceedings shall be published by the Central Office with the assistance of the host country. The Council shall lay down the obligations of the host country in the matter and also decide to what extent, the National Committees shall contribute to the cost of printing papers, Transactions and proceedings of any Technical Session.

Regional Meetings

9.7 The Council may accord approval to any of its National Committees or Company and Institutional Direct Members for organizing technical meetings or conferences of regional interest by direct collaboration among National Committees of the same geographical region.

ARTICLE (10) – COOPERATION WITH INTERNATIONAL ORGANIZATIONS

Participation in ICID

10.1 In consultation with the Management Board, the Central Office may invite representatives of such other interested international or regional organizations as it may deem fit to its Congresses, Symposia, Special Sessions, Seminars, and Committees dealing with technical matters.

10.2 The Council may decide to grant the status of Permanent Observer to the representatives of international organizations, scientific societies, development agencies, international financial institutions and U.N. agencies for the meetings of the International Executive Council of ICID and/or for the meetings of its regional groups and Permanent Committees.

10.3 Representatives of international organizations may also be invited, with the approval of the Council, to work as members of the temporary work bodies established by the Commission.

10.4 The concessions or facilities to be given to the Permanent Observers, if any, shall be determined by Council.

Joint Meetings

10.5 The Council may arrange with other international organizations to hold joint meetings, conferences and deliberations or to carry out jointly with them activities, studies, surveys and investigations, on subjects within the scope of activities of ICID. The financial and other arrangements for these joint activities shall be as may be agreed upon between representatives of ICID and the international organizations and approved by the Management Board.

10.6 The Commission may, with the approval of the Council, enter into formal memorandum of understandings with other international organizations to develop collaborative arrangements for international work.

10.7 The Commission may also participate in the work of the prestigious international bodies, which may be established for more comprehensive management of water resources, other natural resources and the environment.

Work at Cost

10.8 The Commission may undertake work for any other organization, at the cost of that organization, the actual arrangements for carrying out the work shall be as approved by the Management Board in each individual case.

ARTICLE (11) – DUES, SUBSCRIPTIONS AND FUNDS

Annual Subscriptions

11.1 In order to defray the cost of the activities of the Commission or for special purposes, the National Committees and Direct Members shall regularly pay to the order of the Secretary-General annual subscriptions (in as near the beginning of each calendar year as may be possible) on the basis pre-determined by the Council. National Committees of Member countries and Direct Members shall also pay such other special subscriptions as may be determined by the Council.

11.2 In case of non-payment of annual subscription by a National Committee or Direct Member, for a period of time which the Council may, in its discretion, consider appropriate in the particular case, the Council may decide that National Committee is deemed to be inactive in its membership of ICID, provided that before reaching such decision the Council shall have given an opportunity to the National Committee to clear the arrears of subscription by a date to be specified.

11.3 Any National Committee which has not paid its annual subscription for two consecutive years shall cease to be eligible thereafter from holding any office - whether it be as Office-Bearer or as Member of an ICID work body, as the case may be, until such time as the arrears be paid.

11.4 Furthermore, any National Committee which is in arrears of annual subscriptions for three years or more shall, in addition, cease to be eligible to receive any document or report of the Commission and shall have no right of voting at a meeting of the Council and shall be deemed to be inactive and consequently withdrawn from membership of ICID, unless the Council in exceptional circumstances decides by simple majority vote to waive or postpone the application of these sanctions. Such a decision shall be taken strictly in conformity with the special procedure stipulated in the By-laws by a majority of the members in good standing present at the Council meeting, and who are not in arrears of payment of subscription.

Registration Fees

11.5 For each Congress, regional conference, technical session, international workshop or such other international activity, the Council may, in consultation with the National Committee of the host country, fix individual registration fees, or fees for participating organizations.

Funds

11.6 The Central Office shall be authorized to receive and to handle as funds of the Commission, any subscription, subvention or gift that may be made in the general interests of the objects of the Commission, or for specific research, special investigation or experimental work; and it may arrange, under general authority given by the Council, cooperative research, investigations or experimental work with other international organizations, properly qualified institutions, governmental or private, or with technical societies or associations.

ICID is Not-for-Profit

11.7 ICID is not a profit-sharing or profit-seeking body nor a commercial organization. The income and property of ICID shall be applied solely to the promotion of the non-profit objects of ICID as set forth above and no portion thereof shall be paid or transferred directly or indirectly by way of dividend, bonus or otherwise however, by way of profit to members of the Commission provided that nothing shall prevent or preclude:

(a) payment of compensation to the full time Secretary-General as may be determined by the President, acting as Chairperson of the Management Board.

(b) payment of remuneration to the professional(s) and staff of ICID for services rendered;

(c) reimbursement of actual expenses incurred by any Office-Bearer at the specific request, or under a standing approval, of the Management Board;

(d) reimbursement of expenditure incurred by any individual or organization on a specific request made by the Central Office relating to activities, and/or for furthering the causes of the Commission; and

(e) payment of honorarium to any individual(s) for duly authorized services rendered to the Commission relating to the activities, and/or furthering the cause, of the Commission.

No Claims by Member after Withdrawal

11.8 Any National Committee which has withdrawn from, or otherwise ceased to participate in ICID shall not have any claim on its funds, assets or services.

Rejoining Payment

11.9 Any country or Direct Member which is deemed to be inactive member, or ceased to be a member of ICID, because of non-payment of its annual subscriptions may rejoin on payment of its outstanding subscriptions, or such sum as the Council may decide.

ARTICLE (12) – AMENDMENT OF CONSTITUTION AND BY-LAWS

Amendment to Constitution

12.1 Amendments to this Constitution may be proposed by any National Committee or by the Secretary-General, provided that these proposals shall be made in writing and shall be referred to a Special Committee to be appointed pursuant to the Constitution. And in course of consideration of these proposals the Special Committee may also suggest further modifications as deemed necessary.

12.2 The delegated officers of the Special Committee shall prepare a report to be circulated by Central Office to the National Committees at least two months prior to that meeting of the Council on the agenda of which the amendment(s) to the Constitution proposed by it is/are to be placed. Adoption of an amendment to the Constitution shall require an affirmative vote of two-thirds of all the members present at the Council meeting.

12.3 Whilst considering/processing any such amendments, if the said Committee feel necessary to amend/modify/alter, add or revoke any By-laws, then the Special Committee shall, on consulting the President or the Secretary-General, take appropriate steps in this regard in the light of Article 12.2 thereof.

By-laws Enactment

12.4 For the due implementation of the provisions of the Constitution, the Council shall enact such By-laws as it may deem fit.

By-laws Adoption and Amendment

12.5 The By-laws shall be adopted and any modification, addition, alteration or revocation of any of them or insertion of any new By-laws shall be approved by a majority vote of the members present at the Council meeting. Provided always that before any such amendments/modifications or replacements/insertions are effected, the proposals in this regard should be presented in writing by the National Committee or by the Secretary-General and referred, if numerous or substantial, to a Special Committee to be appointed by the Council in pursuance of Article 6.8 of the Constitution. And in the course of consideration of these proposals, the Special Committee may also suggest further modifications as deemed necessary. And further, the said proposals shall be circulated by the Central Office of the ICID to the National Committees and Office-Bearers of ICID at least two months prior to the meeting of the Council to be convened for considering or accepting/adopting any such revocation, amendments or new By-laws.

ARTICLE (13) – DISSOLUTION AND LIQUIDATION

Dissolution

13.1 ICID may be declared dissolved only by a decision to be reached at a regular or a special meeting of the Council and provided that at least two-thirds of the total number of active National Committees, whether represented at such a meeting of the Council or not, vote for dissolution.

Liquidation

13.2 If upon winding up, or on the dissolution of the Commission there remains, after satisfaction of all debts and liabilities, any property whatsoever, the same shall not be paid to, or distributed among, the members of the Commission or the National Committees; but in so far as effect can be given the surplus assets of the Commission, except the Central Office building, shall be given or transferred to some other institution or institutions having objects similar to the objects of the Commission to be determined by the Council at or before the dissolution and in default thereof by such court as may have jurisdiction in the matter. In respect of the Central Office building, the provision of the PERPETUAL LEASE (Indenture dated 3rd January, 1972) between the President of India (Lessor) and the International Commission on Irrigation and Drainage (Lessee) shall prevail.

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Annex R3.2

ICID•CIID

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

DRAFT BY-LAWS (2012)

(As approved by 63rd IEC)

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

BY-LAWS (2012)

BY-LAW (1) – PREAMBLE

1.1 **Enactment of By-Laws:** These By-laws have been enacted by the International Executive Council for the due implementation of the provisions of the Constitution of the International Commission on Irrigation and Drainage. The words and expressions defined in the aforesaid Constitution will have the same meaning in these By-laws.

1.2 **Changes of By-Laws:** The Council shall have powers from time to time to add, repeal, amend or vary all or any of the By-Laws as they shall think expedient or fit for the management of the affairs of the Commission, or implementation of the powers of the Council, under the Constitution. The By-laws shall not be inconsistent with the Constitution of the Commission.

BY-LAW (2)– ELECTION OF OFFICE-BEARERS

2.1 **Office-Bearers Committee:** All Office-bearers, Presidents Honoraire, Vice-Presidents Honoraire and Secretaries-General Honoraire, attending a Council meeting shall form themselves into an Office-Bearers Committee and meet informally prior to the meeting of the International Executive Council and, after considering all nominations made in accordance with By-law (2), make recommendations to the Council for filling the vacancies in light of the considerations listed in By-law (2.7). After considering the Committees recommendations the Council shall vote to fill the vacancies.

2.2 **Notification of Vacancies:** Seven (7) months before the date fixed for a Council meeting, the Secretary-General shall inform all National Committees of the vacancies in the office of the President and Vice-Presidents that will exist at the time of the meeting. This intimation may be accompanied with a statement showing, inter-alia, the names of the countries which have held these offices in the past.

2.3 **Nomination by National Committee:** Should any National Committee so desire, it may submit its nomination (in a manner prescribed by the Council) to be received at the Central Office, at least four (4) months before the date of the Council meeting, accompanied by a statement of substantiation and the curriculum vitae or detailed particulars and qualifications of the nominee, who must be a national of the same country together with the grounds for the recommendation for the pertinent position. Nominations received in the Central Office, vide By-laws (2.3) and (2.4), shall be shown in the agenda of the Council meeting. In the case of postponement of a Council meeting, nominations received four (4) months in advance of the Council meeting shall be considered even if they are not shown in the Agenda.

2.4 **Nominee Statement:** With the nomination in the prescribed form the National Committee shall also furnish a written statement from its nominee as follows:

> "My Government/Organization agrees to my nomination for the office of the President/Vice-President of ICID after taking into account the duties that the responsibilities of my candidature entail. If elected to the office, I will owe allegiance to the Constitution of the International Commission on Irrigation and Drainage and will, to the best of my ability, preserve, protect, defend and uphold this Constitution".

2.5 **Nomination by President:** The President may, in consultation with the Secretary-General, invite any National Committee to submit a nomination for the vacancy in the office of the President or of a Vice-President. Such nomination in writing with complete curriculum vitae and other particulars as are hereinafter mentioned must be received in the Central Office at least one month prior to the effective date of the Council meeting at which it will be actually deliberated. In case of a postponed meeting it must be received at least one month prior to the actual date on which the Council meeting will be held.

2.6 **Nomination in Writing:** Only written nominations received in accordance with By-laws (2.3) and (2.5) shall make candidates eligible for seeking election and all such nominations and the relevant curriculum vitae of such nominees and their statements (By-law (2.4)) shall also be available to the Office-bearers Committee on standardized forms for review and recommendations. The National Committees concerned, and only

those National Committees, may send the curriculum vitae to all other National Committees before the Council Meeting.

2.7 **Office-Bearers Recommendations:** The following shall, inter alia be the considerations to guide the Office-bearers Committee in making its said recommendations to the Council for the election of the President and the Vice-Presidents:

(a) Subject to administrative and constitutional requirements, it is desirable that the ten offices (of the President and the nine Vice-Presidents) shall be distributed as equitably as may be practical between different geographical regions and among as many participating countries as possible. Thus, no country should hold more than one office (President or Vice-President) at one time, and no geographical region should normally hold more than its due proportionate number of the total number of offices including the office of President.

(b) The period for which the country of the nominee has been a member of the Commission, and the extent of interest its National Committee and/or its nominee has taken in the activities of the Commission. The nominee's activity both at the national and international levels besides the activities of the National Committee should be given prominence. On the other hand, the sponsorship by the country of Regional Conferences, Council meetings or a Congress does not necessarily add to the entitlement of the country's nominee.

(c) The general or special needs of ICID of persons qualified for developing its activities and the qualifications of the nominee for meeting such requirements. The overall interests of the Commission (the service it can render to the international community in its field of activity) shall always reign supreme.

(d) The time and effort the nominee has given in the past to the general affairs and functions of the Commission along with the nominee's likely future availability, time and effort and the likely particular assigned tasks.

(e) The national and international status and level of responsibility of the nominee.

2.8 **Seniority of Vice-Presidents:** The relative seniority of three Vice-Presidents elected each year shall be determined by the number of votes obtained by each; if there is no voting or the votes obtained are equal, then by a draw of lots.

2.9 **Nomination of Secretary-General:** The President, acting as Chairperson of the Management Board shall make a nomination to the office of Secretary-General, at the Office-Bearers meeting and to Council.

BY-LAW (3)– WORK BODIES OF ICID

General Scope

3.1 **Setting-up:** In pursuance of Article 6.8 of the Constitution, the Council may set up work bodies of either permanent or temporary nature, for the performance of such functions or for a particular mission as deemed expedient for the promotion of the objects of the Commission.

3.2 **Approval of Documents:** The documents and conclusions emanating from such work bodies set out either in the form of work documents or of recommendations presented by the Chairperson on behalf of the body will be valid with the explicit approval of the Council with or without changes made thereto by the Council.

3.3 **Types:** The work bodies may be constituted in the form of a:

(a) Permanent Committee - where the duties are to be carried out in a repetitive manner over a long period and the outcome is required to be reported directly to the Council.

(b) Committee/Board where the duties are required to be carried out in a repetitive manner over a long period and the outcome is required to be reported to the Management Board and/or Permanent Committee.

(c) Working Group -- where an assigned task is to be performed and completed in a specific period by a small group of selected individuals with the specific expertise for the work in view.

(d) Work Team -- where a short duration task (not spread over a period of more than three years) is to be completed by a select small group of individuals.

(e) Task Force -- where a work of an urgent nature is required to be completed within a span of two years with a select group of individuals.

(f) Focus Group/Regional Group -- where a continuous follow up of an area oriented activity is implied on a long term basis.

3.4 **Meetings:** The work bodies will carry on their mandate through periodical meetings, in principle once a year at least, and by correspondence between meetings. Copies of all documents and correspondence pertaining to the workbodies shall be mailed to the Central Office by the Chairperson.

3.5 **Members of Work Bodies:** The work bodies shall comprise representatives nominated by National Committees from different regions of the world, and shall include any qualified expert or group of qualified experts, from various disciplines as appropriate. Qualified experts may be proposed to the Council under request from the Chairperson of the work body or from the President in agreement with the Secretary-General. All such members, as well as alternates for them from the same National Committee, shall be submitted to the Council for its consideration, approval or modification. They shall carry out their functions in ICID on an honorary basis. Direct Members and observers may attend the meetings of the work bodies without being entitled to vote.

3.6 **Limitation on Members:** The membership of the work bodies shall be on an honorary basis (at least so far as the Commission is concerned). No person shall be a member of more than three (3), work bodies not counting Office-Bearers Committee, Management Board or Staff Committee. Direct Members shall be the members of not more than three (3) work bodies. Members of work bodies not contributing by their attendance/correspondence for two consecutive years shall be replaced.

3.7 **Conclusions are Advisory:** The conclusions of all work bodies shall be advisory in nature and shall be effective only after they are approved and accepted by the Council with such modifications as the Council may desire.

3.8 Permanent Committees

General

3.8.1 The Council may set up Permanent Committees with missions of general vocation for administration and management, or of specialized technical vocation depending upon requirements. Each Committee may carry out its work either directly or through temporary work bodies created by it or connected with it.

3.8.2 Members of such Committees will be designated at the Council meeting on the basis of nominations made by National Committees from their membership or by the President in consultation with the Secretary-General, taking into account the specific expertise required and ability to serve. New members will be chosen from the nominees, after the concerned Permanent Committee has given its opinion.

3.8.3 Members of each Committee will be appointed for a three-year term by the Executive Council at the time of a Congress and may continue to function up to a total of six years, continuously or intermittently. Members, who no longer are actively functioning, may be replaced at the time of the Council meeting according to the aforesaid rules.

3.8.4 The Office-Bearers Committee, the Management Board and the Staff Committee will be presided over by the President (Articles 7.15 and 8.3 of the Constitution), while the Chairperson of the Permanent Committee on Strategy and Organization (PCSO) will be nominated by the President in consultation with the Secretary-General (By-Law 3.9.8 The Chairpersons of other Permanent Committees will be nominated at the Council meeting under recommendations of the Office-Bearers Committee.

3.8.5 The Secretary-General will be a member of the Permanent Committees and will advise on the overall functioning of these Committees. The President, apart from presiding over the Office-

Bearers Committee and the Management Board, may participate in the meetings of any of the other Permanent Committees as an Observer.

3.8.6 Honoraire Office-Bearers willing to participate in the activities of work bodies may do so as Honoraire Members in addition to the regular members.

3.8.7 The Chairperson of a Permanent Committee may designate Rapporteur(s) from amongst members for reporting on the matters dealt with by the Committee.

3.8.8 Each Permanent Committee may itself elect its Vice-Chairperson, and its Secretary for drafting the minutes of its meetings.

3.8.9 When Rapporteurs and Secretaries are appointed to the Permanent Committees, the National Committees to which the Rapporteurs/Secretaries belong must undertake to provide the required secretaries/rapporteurs. At the end of the tenure, records of work should be passed on to the Central Office for future reference.

3.9 Role and Membership

3.9.1 The Council has constituted the following six (6) Permanent Committees and has fixed their overall role and membership as follows:

3.9.2 **The Office-Bearers Committee** shall compose of the Office-bearers in office and the Honoraire Office-bearers and will in general advise on all important questions concerning the policy, the orientations and the overall functioning of ICID. One of its primary duties is to make recommendations for filling the vacancies among Office-bearers, but the Council would still have the last word in the elections.

3.9.3 **The Management Board** is responsible, with the Central Office, for the implementation of the decisions made by Council and will decide such actions in between Council meetings as are necessary to properly effect the working of the Commission.

3.9.4 **The Permanent Finance Committee** (PFC) shall be concerned with the financial matters of the Commission and matters having significant financial implications to the Commission. It will review the receipts and expenditure, advise the Council on the previous year's accounts and on the proposed or provisional budget and will make recommendations on the annual subscriptions and other support required from the National Committees and the Direct Members for the current and future years. It may give its opinion to the President and the Secretary-General on the elements to be taken into account to prepare budgets of the future years. The Committee shall also work out and recommend to the Council ways and means of improving the financial resources of the Commission to meet the financial requirements for undertaking different programs and activities emanating from the other work bodies. The Committee shall set up a Sub-Committee to consider the applications of Direct Members and review the membership of the National Committees in arrears of subscription.

3.9.5 The Permanent Finance Committee shall comprise the Secretary-General and a minimum of nine and a maximum of fifteen elected members. The Chairperson of this Committee shall be chosen at the Executive Council meeting either from among Office-Bearers (preferably those in offices) elected to this Committee or others who shall have been in service on the Committee at the time of appointment of the Chairperson.

3.9.6 **The Permanent Committee for Technical Activities** (PCTA) shall be concerned with all the technical activities including the issuing of all publications of ICID. It will be responsible for the activities of the technical work bodies, for the selection of the Questions/Themes for the Congresses, Conferences, Special Sessions, Symposia, etc., for the settlement of the technical conclusions thereof and for making appropriate recommendations for action thereon. The Committee shall develop and maintain a 3-year rolling plan of activities for all its appurtenant Committees and work groups, teams, and task forces. It will monitor progress against this plan at each Council meeting.

3.9.7 The Permanent Committee for Technical Activities will be composed of the Secretary-General, a minimum of nine and a maximum of fifteen elected members, as well as ex-officio members. The

Chairperson of this Committee shall be chosen at the Executive Council meeting either from among the Office-Bearers (preferably those in offices) elected to this Committee or others who shall have been in service on the Commission at the time of appointment of the Chairperson. The Chairpersons of the work bodies reporting to the Permanent Committee on Technical Activities (PCTA) shall be the ex-officio members of the Committee.

3.9.8 Strategic, thematic and cross cutting issues may be initiated from time to time as decided by PCTA. Each of the chosen Strategy Themes will be managed by a Strategy Theme Leader who shall be nominated by the President from among the current VPs. The role and responsibility of the Strategy Theme Leaders shall be as follows:

(a) To coordinate the activities of the Workbodies coming within the ambit of assigned strategy theme.

(b) To suggest to PCTA new items of work that may be taken up by the existing workbodies.

(c) To suggest formation of new Workbodies to study the hitherto uncovered aspects/issues relating to the particular strategy theme.

(d) To recommend to PCTA inter- Workbody mechanisms on aspects/issues requiring joint study, and to facilitate such co-operations.

3.9.9 **The Permanent Committee on Strategy and Organization** (PCSO) shall be concerned with increasing the number of member countries and assisting the National Committees to become more active in their own countries and to achieve goals set for them from time to time. The Committee will also undertake issues related to strategic planning for ICID. The Committee will coordinate the activities of the Vice-Presidents in this area.

3.9.10 The Permanent Committee on Strategy and Organization will be composed of the incumbent Vice-Presidents, the Secretary-General and three immediate past Vice-Presidents. The Chairperson of the Committee will be nominated by the President in consultation with the Secretary-General from amongst the incumbent Vice-Presidents. The Chairperson shall serve the Committee during the tenure of membership of this Committee. The Committee shall also monitor the progress of the regional activities undertaken by the focus groups/regional groups and activities of special membership categories like the Young Professional Forum, and regional associations and deal with the long-term policies and strategies of the Commission and the global or regional programs related with such objectives.

3.9.11 **The Staff Committee** shall review and formulate the work procedures and the staff structure of the Central Office in keeping with the changing requirements of ICID and advise the Secretary-General on the functioning of the Central Office. The Staff Committee shall be headed by the President and with other members as designated by the Management Board.

3.10 Temporary Work Bodies

3.10.1 Temporary work bodies may be created by the Executive Council as stipulated in By-law (3.1) and in pursuance of Article (6.8) of the Constitution. Their scope of work and composition shall be defined and modified as necessary by the Council.

3.10.2 The Council will determine the duration of their functioning and specify to which Permanent Committee the work body so created is to be linked. The duration of such functioning may be shortened or lengthened by the Council keeping in view the results accomplished by the work body in terms of the products such as study reports, publications, workshops, seminars as may be arranged by the work body, after considering the recommendations of the concerned permanent committee. As the duration of the membership of a work body is expected to be six years or less, the duration of the work to be undertaken by a temporary work body should not exceed period of six years.

3.10.3 The Committee, to which the temporary body is linked, may propose at the Council meeting a list of members to serve on the body on the basis of the nominations on request by the President in agreement with the Secretary-General.

3.10,4 The members of the temporary work bodies by themselves designate their Chairpersons, Vice-Chairpersons and Secretaries.

3.10.5 At the meetings of the permanent committees, the Chairpersons of the temporary work bodies may submit reports on the activities of their work bodies including, if relevant, proposals for holding Workshops/Seminars to present their Group's findings, once a year. The Chairpersons of the Permanent Committees to which work bodies are linked may present recommendations from these reports at the Council meeting.

3.10.6 The Chairpersons of the temporary work bodies will, in principle, be invited as ex-officio members at the meeting of the Committee or the Permanent Committee to which the work body is linked.

3.10.7 The temporary Special Committee set up in pursuance of Articles 12.1 and 12.3 of the Constitution to recommend on the amendments of the Constitution and By-laws shall continue as an advisory link to the Office-Bearers Committee for a duration as deemed necessary by the Council.

3.11 Vice-Presidents' Role

3.11.1 Each Vice-President will be given responsibility by PCSO for a group of National Committees to foster and encourage their greater participation. The President will allocate in consultation with the Secretary-General specific functions to the Vice-Presidents in addition to the membership of PCSO. Such functions may, inter alia, include relations with other international organizations, follow-up on the activities of work bodies in their regions and helping the Central Office in matters associated with National Committees in their region. Each Vice-President may be associated directly with a work body. The Chairmanship of the Regional Working Groups, as far as possible, should be assigned to a Vice President in the region. Notwithstanding the generality of the foregoing, the Vice-Presidents may be assigned any of the following duties by the President:

(a) Review the setup of the National Committees and guide them for evolving a broad-based structure as a Non-Governmental Organization.

(b) Guide the National Committees in respect of their programmes for wider publicity of irrigation and drainage related issues and concerns through pamphlets /posters/exhibitions/ audiovisuals and media to reach the irrigation and drainage community at large.

(c) Promote regional cooperation amongst the National Committees through developing regional collaborative programmes.

(d) Visit and participate in the activities of National Committees in his/her region every year.

(e) Promote international programmes in irrigation and drainage by/for the National Committees.

(f) Participate in the Permanent Committee on Strategy and Organization by proposing issues for consideration and contribute to the development of regional strategies and special programmes in irrigation and drainage.

(g) Represent ICID in international events taking place in his/her region.

(h) Liaise with National Committees on above -mentioned items and other programmes/activities initiated by ICID.

(i) To act as the Strategy Theme Leader in accordance with the By-law 3.9.7.

3.12 Council Designates

The Council may also refer specific matters to a National Committee, or a group of National Committees, for examination or report, for collection of data and information or for preparing a draft publication.

3.13 Special Committees

In the intervals between the meetings of the Council, for any urgent matter which cannot be allowed to wait until the next meeting of Council, the President of the Commission may, in consultation with the Secretary-General, or the Management Board, appoint special committees composed of Office-bearers or of persons to be nominated by such National Committees as the President may decide. He may also refer any specific matter to a National Committee for examination and report. Such action of the President shall be subject to confirmation at the next meeting of the Council.

3.14 Termination of Duties

When any Committee or other body has completed specific work allotted to it, and has submitted its final report to the Council, it shall be deemed to have been discharged. When in like manner a National

Committee has completed its work and made its final report to the Council, it shall be deemed to have been discharged of its functions in respect of the matter on which it has made its report.

BY-LAW (4)– INTERNATIONAL EXECUTIVE COUNCIL

4.1 Agenda

4.1.1 Timing of Agenda: The agenda for a meeting of the Council shall be sent by the Central Office, by airmail, to the National Committees and Office-bearers, at least one month before the date of the meeting. The agenda, which shall also indicate the exact date and venue of the meeting in the host country, shall be approved by the Secretary-General.

4.1.2 Content of Agenda: The agenda shall include the following:

(a) Report of the Secretary-General on the activities of the Commission since the preceding report and more particularly about the activities not covered by the Annual Report for the preceding year, published for the period ending December 31 of the previous year.

(b) Consideration of the application for admission of new countries to membership.

(c) Financial statements for the preceding year, duly audited, and the proposed budget for the current year.

(d) Consideration of the reports submitted by work bodies since the last Council meeting.

(e) Agenda notes for the annual meeting of the Committees to be considered by the IEC.

(f) Technical, administrative or constitutional matters proposed, for consideration by the Council, by the National Committees, the Central Office, Office-bearers, or any outside agency(ies).

(g) Invitations received for venues of future Council meetings and congresses.

(h) Election of Office-bearers.

(i) Report and recommendations of the Management Board.

4.1.3 At ordinary meetings of the Council, in between two Congresses, advantage may be taken by the host National Committee, should it so desire, to hold a discussion, on any specific technical subject of its choice and falling within the scope of activities of the Commission. No papers shall be invited for this discussion from other National Committees but the host National Committee shall provide to other National Committees and the Central Office two months before the meeting, a report on the subject, bringing out clearly the issues on which it would invite discussion.

4.2 Minutes

(a) After a meeting of the Council, the Secretary-General shall ensure the preparation of the draft Minutes containing a gist of the important discussions and full texts of the decisions made and of the resolutions passed.

(b) These draft minutes shall be circulated to the participants for confirmation, with or without corrections, within a period specified. Additions or alterations in keeping with the proceedings will be accepted at the discretion of the Secretary-General. In case of doubt or controversy the Secretary-General will resolve the differences on the basis of verbatim tape-recorded proceedings.

(c) After the lapse of the specific period, the Secretary-General shall notify the participants of any amendments made to the draft Minutes. The amended Minutes will then be taken as the confirmed Minutes, which will be final and binding on the members.

4.3 Annual Report

The Annual Report of the Commission shall be prepared by the Secretary-General and published soon after the end of the financial year. The Annual Report shall present in brief the important activities carried out by the Commission, its work bodies, National Committees and the Central Office during the financial year covered by the report.

BY-LAW (5) – PARTICIPATON IN AND INVITATION FOR A CONGRESS OR A COUNCIL MEETING

5.1 Participation

Delegates of all National Committees and Nominees of Direct Members (Companies and Institutions) are entitled to participate in every Council meeting, Regional Conference and Congress.

5.2 Invitation

5.2.1 A National Committee wishing to be host to a Congress or a Council or Regional meeting/conference shall extend an invitation, addressed to the Council, well in advance of the date of the proposed Congress or the Council or Regional meeting/conference. In order to provide adequate time for the host National Committee to make appropriate arrangements, the venue of a Congress must normally be decided at least four years in advance and that of a Council or Regional meeting/conference at least two years in advance. Invitation for a regional meeting/conference (which is not linked with the meeting of the IEC) shall be placed before the Council for consideration at least one year in advance.

5.2.2 A National Committee when extending an invitation for holding a Congress, Council or Regional meeting in its country, should, after consulting its Government, intimate as to the accountability of participation of nationals of all countries. This will, inter alia, be an important consideration in determining the venue of a Congress, Council or Regional meeting/conference.

5.2.3 An ordinary meeting of the Council is always held at the time of the Congress in the country where the Congress is held. The invitation for a Congress will, therefore, be understood to include also an invitation for that Council meeting.

5.2.4 A National Committee or a Direct Member (Companies or Institutions) may also extend an invitation, on its own initiative, or at the suggestion from a work body, for holding an international workshop, an international symposium or an international seminar on topics of current interest. Such invitations should be placed before the IEC for consideration.

5.3 Absence of Invitation

Should it appear that no invitation will be received for a Congress or Council meeting to enable a timely decision being made the President and the Secretary-General will take steps to secure an invitation?

5.4 Rotation of Venues

When considering the invitation received and those kept pending, if any, the Council shall, inter alia, keep in view the desirability of rotating the venues of the Congresses and Council meetings in different geographical regions and in different countries within each region.

5.5 Invitation Pending

An invitation which it has not been possible for the Council to accept can be kept pending, if the National Committee concerned so desires, for consideration along with other subsequent invitations for a future Congress or a Council meeting.

5.6 Venues to be considered

At the meeting of the Council, only the venues of Congresses, Council or Regional meetings/conferences shown in the agenda circulated for that Council meeting shall be considered.

5.7 Invitation Upheld

In case a National Committee whose invitation for holding a Council meeting has been accepted is unable, for any reason, to hold that meeting, the Secretary-General, with the approval of the President, may request some other National Committee to extend an invitation and fix the venue and dates of the meeting in the country of that National Committee, failing which, the Council meeting shall be held at the seat of the Central Office on dates to be fixed by the Secretary-General in consultation with the President.

5.8 Proposals for Hosting Arrangements

A host National Committee, whose invitation has been accepted by the Council for a Congress, Council or Regional meeting/conference will formulate its proposals for the exact dates, venue in the host country and detailed arrangements for the Congress or the Council or Regional conference, holding of an exhibition (if any), related study tours, and finalize these proposals, if for a Council or Regional meeting, in consultation with the Secretary-General. The general arrangements for a Congress will require the approval of the Council. The detailed arrangements, including sequence of speeches, etc., for the Opening Session, Closing Session, and social functions, of that Congress shall be determined by the Secretary-General and the host National Committee. Fees to be charged for an international Congress, conference, workshop, seminar, etc. and the share of the Central Office for the purpose shall be determined by the Council while approving the proposals for the event.

5.9 Other Obligations of the Host National Committee

5.9.1 For a Congress, Symposium, Special Session, Seminar, etc.: In addition to the requirements of rules as may be prescribed from time to time, the host National Committee will assume the following obligations:

(a) The host National Committee shall intimate to the Central Office before the date of commencement of the printing of the reports for the Congress, Special Session and Symposium, etc., the number of sets of preprints of the Transactions required by the host National Committee. Thereafter, the host National Committee shall be responsible to the Central Office for the costs thereof.

(b) A host National Committee shall provide and pay for local secretariat assistance required by the President, the Secretary-General and two of the Professional(s)of ICID during and immediately before and after the Congress and meetings of the Council and work bodies. The local secretariat shall include (1) services of stenographers and typists and/or word processor; (2) copying and distribution of documents; (3) simultaneous interpretation in French and English during the sessions of the Congress, Special Session, Symposium, Seminar and International Executive Council meeting; (4) provision of French and English interpreters during the whole period of the Congress, the Council and other meetings as well as the study tours; (5) expenditure on the purchase of magnetic tapes, on interpretation and translation. The host National Committee shall also bear the expense of the use by it of any other language other than English and French.

(c) The host National Committee shall supply to the Central Office a set of photographs taken at the Opening and Closing Session, during the Technical Sessions and at important social events.

(d) The host National Committee shall arrange to supply to the Central Office a complete set of literature distributed to the delegates during the study tours and a set of photographs of representative works visited. It shall also assist the Central Office in the write-up about the study tours in which the Central Office representatives have not taken part.

(e) The President, the Secretary-General and two of the Professional(s)of the Commission (but not the members of their families accompanying them) shall be exempted from paying the registration fee.

(f) One delegate each from International Organization invited by the Central Office, up to a maximum of five, shall be allowed to participate without payment of any registration fee. Notwithstanding the provision of this By-law, the President and one other delegate (along with their [wives] spouses) of any International Organization with which ICID has reciprocal agreement for this purpose shall be allowed to participate in the Congress without payment of any registration fees. Study tour charges shall, however, be paid by every delegate who participates in the tour.

5.9.2 **For a Council Meeting**: In addition to requirements, and rules as may be prescribed from time to time, the host National Committee will assume the following obligations:

(a) The host National Committee shall supply to the Central Office a set of photographs taken at the Opening Session and of representative works visited during a study tour, if any.

(b) One delegate each from FAO, IWMI, UNESCO, UNDP, UNEP and the World Bank and other organizations as may be approved by the Council, when invited by the Central Office, will be allowed to participate without payment of registration fee. Management Board shall review the list of invitees exempted from payment of registration fees every year and recommend to the Council appropriate changes as necessary.

(c) A host National Committee shall provide and pay for local secretariat assistance required by the President, the Secretary-General and one Professional of ICID during and immediately before and after the meetings of the Council and work bodies.

(d) The President, the Secretary-General and one of the Professional(s)of ICID (but not the members of their families accompanying them) shall be exempted from paying the registration fee.

5.10 Obligations of all National Committees

5.10.1 Each participant in a Congress, and its adjunct technical sessions, is entitled to receive a set of Part I of the Transactions containing the papers for discussion at the Congress and, for this purpose, inter-alia, payment shall be made for a registration fee. Since the Commission functions in different participating countries through its National Committees, it is expedient that the Central Office, where the Transactions may be printed, supply them to intending participants from each country through the National Committee concerned. The post-Congress Volume (s) (Part II) of the Transactions will be supplied after the Congress.

5.10.2 **Distribution of Transactions:** The procedure to be followed by the Central Office for the distribution of Transactions (Part I) to intending participants in a Congress shall be as follows:

(a) Each National Committee and Direct Member (Company or Institution) shall inform the Central Office, as early as possible (preferably before the date of commencement of the printing of reports for the Congress and adjunct technical sessions) the number of sets of the Transactions, required for its use. The National Committee and Direct Member (Company or Institution) shall be responsible to the Central Office for the costs thereof.

(b) As soon as Part I of Transactions are ready, the Central Office shall send to each National Committee and Direct Member (Company or Institution)only the number of sets required by it and specified earlier, for its use by surface mail. The transactions shall also be made available on the website as soon as they are finalized.

(c) If the request is received late, and the National Committee / Direct Member (Company or Institution) concerned so desires, the Transactions (Part I) may be sent by air-mail provided they are willing to pay the difference between air-mail and sea-mail postal charges; otherwise they will be dispatched by surface mail.

(d) It shall be the sole responsibility of each National Committee to pay for the number of sets of Transactions supplied to it direct by the Central Office and those, if any, supplied on its instructions or those of the leader of its delegation to any individual at the venue of the Congress. The sets of Transactions once supplied shall be non-refundable.

BY-LAW (6) – PUBLICATIONS

6.1 Regular Publications

The Annual Report, the ICID Journal, and Newsletter are financed by ICID (Article 8.13).All other publications of the Commission including specific short reports on timely subjects of current interest and programs sponsored by the Commission shall ordinarily be self supporting.

6.2 Special Publications

Apart from the publications mentioned in By-law 6.1, the Transactions for each Congress and Proceedings of regularly scheduled Technical Sessions at the Congress, all other publications shall be termed Special Publications (comprising Congress publications and special technical publications) and shall be undertaken with the specific approval of the Council. When according such approval, the Council shall also approve such expenditure as may be required for the preparation of the publication including expenditure on special officers and staff, if any, required in this connection in the Central Office. The Council shall also approve the manner of financing this expenditure.

6.3 Complimentary Copies

The Central Office shall supply complimentary copies (in hard or soft copy as the case may be), as follows to:

(a) All National Committees: subject to the provision of Article 11.4 of the Constitution, shall receive the ICID Bulletins/Journal, Annual Report and Newsletter as determined by the Council from time to time; and one copy each of (1) the Transactions of every Congress including Proceedings of regularly scheduled Technical Sessions at the Congresses, etc., and (2) every Special Technical publication.

(b) Direct Members: shall receive one copy each of ICID Journal on Irrigation and Drainage, Annual Report and Newsletter (electronic copy).

(c) Host National Committee of a Congress: Ten sets of Transactions of the Congress including regularly scheduled Technical Sessions at the Congress held along with it.

(d) Office-bearers: A copy each of all publications.

(e) Past Office-bearers except from those countries who have become deemed inactive: A copy each of the ICID Bulletins/Journal and other publications specifically requested. Unless renewed this commitment shall lapse after three years.

(f) All members of Committees and Working Groups: As the Secretary-General may consider necessary for the performance of the duties entrusted to them.

(g) Authors of papers and articles: (i) Ten copies of preprints of their own papers submitted for the Congress, the Special Session and the Symposium and of off prints of Articles published in the ICID Journal or the ICID Technical Memoirs, etc. (ii) A copy each of the ICID Journal or ICID Technical Memoirs in which the paper or article has been published.

(h) Authors or editors/compilers of special publications: Three copies of special publications to each.

(i) Experts of Panels: One volume of the concerned Question/Theme.

6.4 Sale Price

6.4.1 The sale price of all ICID (CIID) publications shall, on the suggestion of the Secretary-General in any particular case, be fixed or reviewed by the Permanent Finance Committee and finally approved by the Council. Sale price of the proceedings of the workshops, symposia, technical sessions, and regional conferences to be published by the host National Committee shall be determined by the host National Committee and the concerned work-body in consultation with the Secretary-General and shall include the share of the registration fee for the Central Office prescribed for such an event.

6.4.2 The Secretary-General shall suggest the price of the publications having regard to the following considerations:

(a) The expected or reviewed cost estimate (including all materials, printing, Central Office expenses for editing, postage, conveyance and other overhead or actual expenses chargeable to each publication);

(b) Recovering of the full cost in a reasonable period of 4-5 years after supplying complimentary copies to the National Committees, Office-bearers and others authorized by Council;

(c) An additional percentage to cover longer than anticipated period of sales, it being the intention that any profit element should be avoided as far as practicable; and

(d) An additional fixed percentage for recouping of advance taken from Reserve Fund.

- The percentage additions in Clauses (c) and (d) will be proposed by the Secretary-General and approved by the Council having regard to advice of the Permanent Finance Committee observations thereon.

(e) The sets of Congress Transactions, if available, after meeting the demand specified under By-laws 5.10.1, 5.10.2 and 6.3 may be sold after the Congress. The Unit price shall be determined on the following basis:

- National Committees: Central Office's share of registration fee plus 12 percent thereof.
- The Mailing charges for dispatch of publications by the Central Office shall be payable by all except the Office-bearers and the National Committees and their members.

6.4.3 Five years after the issue of the ICID Journal and Annual Reports all copies left unsold shall be written off and destroyed, under orders of the Secretary-General, who may when passing orders retain such number as may be appropriate for each individual case. The copies which are retained shall then be sold at twice the original price, unless the Secretary-General may otherwise determine.

6.4.4 For the remaining publications the Secretary-General may determine in each individual case when the copies left unsold shall be destroyed, the number to be retained, and the price at which the copies retained shall be sold.

6.5 Copyrights and use of ICID Logo

Publications and outputs of ICID workbodies are, in principle, the property of ICID and are subject to copyrights laws as applicable. The use of these publications and the logo of ICID is subject to intellectual property rights laws and regulations in effect and the permission of ICID shall be sought when applicable. This applies to all reproduction by print, electronic media, internet and web based applications.

BY-LAW (7) – DUES, SUBSCRIPTIONS AND FUNDS

7.1 Currency

The rates of subscriptions shall be fixed by the Council from time to time, on the recommendations of PFC, in U.S. dollars, or any other currency, keeping in view the annual ordinary expenditure of the Commission. The rate of subscription for the Direct Members shall be reviewed and revised, if necessary, by IEC on the recommendation of PFC, during the Congress year.

7.2 Withdrawal

The withdrawal of any National Committee or Direct Member from the membership of the Commission shall become effective by December 31 of that year in which application to that effect has been received. The withdrawing National Committee or Direct Member is obliged to pay full subscription for that year.

BY-LAW (8) – CONDUCT OF TECHNICAL SESSIONS

8.1 Guidelines

The Central Office shall provide guidelines on the conduct of technical sessions, congresses, special sessions, symposia and seminars. The guidelines shall be updated from time to time by respective work bodies of ICID and in keeping with Article (9) of the Constitution.

BY-LAW (9) – FORM OF APPLICATION FOR MEMBERSHIP

9.1 Form Attached

The form of application to be submitted by the countries desirous of becoming a member shall be as at Appendix (1) to these By-laws. It must be filled in and signed by the Chairperson of the National Committee (if formed) or the competent authority of the Government. The Council may, in its discretion, entertain an application submitted by a well-known technical organization in a country and signed by its Chairperson or Secretary. The forms for Direct Members are at Appendix (2) and (3).

BY-LAW (10) – PARTICIPATION OF NON-MEMBERS IN A CONGRESS

10.1 Purpose

ICID encourages the participation of non-members in Congress, provided the host National Committee and the Central Office have no objection to their participation. The overall aim is to ensure maximum possible cooperation among all stakeholder in irrigation, drainage and flood management of the world and others to promote the mission and objectives of the Commission and to encourage all to derive benefits therefrom.

10.2 Conditions of Participation

Apart from such other conditions as may be laid down by the Council, the following shall apply

(a) Non-members, who may be individuals, institutions or Companies when allowed to take part vide By-law 10.1, shall pay an enhanced Registration Fee to be determined by the IEC.

(b) Non-members may submit papers for discussions at a Congress provided the papers are accepted by the Central Office and processed according to the accepted procedures.

(c) Non-members may be permitted to participate in study tours and in social functions connected with the **Congress,** or the Conferences, subject, among others, to considerations of availability of accommodations, etc., preference being given to delegates from member countries. When allowed to participate in the study tour, non-members shall deposit the usual charges in advance.

BY-LAW (11) – PARTICIPATION OF DIRECT MEMBERS IN IEC

The Direct Members can participate in the meetings of IEC as Observers.

BY-LAW (12) – MISCELLANEOUS

12.1 Report on Meeting

(a) An Office-bearer, or any individual, authorized to attend, at the expense of the Commission, any non-ICID meeting (or Conference) shall (i) send to the Central Office a set of documents circulated for, or at, the meeting, and (ii) submit to the Central Office, as early as possible after the meeting, a brief report on the meeting, of the matters discussed and the conclusions reached or recommendations made.

(b) The documents pertaining to the meeting will be placed in the Library and the report, or a resume of it, will be published in the ICID Journal or Newsletter for the information of National Committees.

BY-LAW (13) – SANCTIONS AGAINST NATIONAL COMMITTEES ANDDIRECT MEMBERS IN ARREARS

13.1 Two Years in Arrears

The National Committees in arrears for two years or more (excluding the current year) shall be debarred from holding office - whether it be as Office-bearer or as a member of a work body until such time as the arrears are paid.

13.2 Three Years in Arrears

The National Committees in arrears for three years or more (excluding the current year) shall be subject to the following provisions

(a) shall be subject to the provision of By-law (13.1) above, and

(b) shall not be supplied with the documents or reports of the Commission, and

(c) shall have no right of voting at a meeting of the Council, and

(d) shall be deemed to be inactive from membership of ICID and as a consequence shall be required to pay registration fees for attending at IEC meetings, Regional Conferences, Congresses, and the like as if they be non-members of ICID, at an enhanced registration fee to be determined by the IEC. One half of the additional Registration Fee shall be remitted by the host National Committee to the Central Office and the remaining half shall be retained by the host National Committee always until such time as the arrears are paid.

13.3 Suspension of Sanctions

A National Committee in arrears of its annual subscription may before the time determined in By-laws (13.1 and 13.2) apply for suspension of the sanctions under Article 11.2of the Constitution through a special request based on well-founded justifications. Such a suspension will become effective only after the notification by the Secretary-General, to the National Committee concerned, of the decision by the International Executive Council allowing or disallowing the application of suspension of the enforcement of sanctions; and stating the period of suspension authorized by the Council, if allowed.

13.4 Direct Members

Direct Members who fail to pay their subscriptions within 3 months of the date on which it is due will lose their membership automatically and will be re-admitted with an admission fee as decided by the PFC and IEC from time to time.

13.5 Reactivation of National Committees

A deemed inactive National Committee will be considered by the IEC for re-admitting when Central Office has received a bank document indicating full payment of dues for the current year, and the National Committee has agreed to pay the three years dues immediately preceding its interruption in activity These arrears are to be paid in not more than five equal installments beginning in the year activity is renewed. However, the NCs from Least Developed Countries will be exempted from paying the arrears for reviving their membership.

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Appendix A to Annex R3.2

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)
COMMISSION INTERNATIONALE DES IRRIGATIONS ET DU DRAINAGE (CIID)

APPLICATION FORM FOR MEMBERSHIP BY THE NATIONAL COMMITTEE

The International Executive Council
International Commission on Irrigation and Drainage
48 Nyaya Marg, Chanakyapuri
NEW DELHI 110 021
INDIA

Dear Sir,

I have the honour to apply on behalf of Government/National Committee of _____

_____ for the admission

of _____to membership in the International Commission on Irrigation and Drainage.

The National Committee of _____ pledges itself, if admitted

as a member country in the International Commission on Irrigation and Drainage:

- to abide by the rules of procedure laid down in the Constitution and By-laws,
- to accept the obligations contained in the Constitution and the By-laws,
- to make the financial subscription fixed by the International Executive Council as its share of the Commission's expenses.

The address of the National Committee at which correspondence may be addressed in future will be:

Name: _____

Street Address: _____

P.O. Box: _____ Country: _____

Postal Code: _____ Phone #:_____

Fax #: _____ E-mail: _____

As laid down in Article 4 of the Constitution of ICID, I enclose the Constitution of the National Committee/ or The Constitution of the National Committee is being framed and its copy will be sent to the Central Office as soon as finalized.

The National Committee of _____seeks

admission with effect from the calendar year _____.

In order to enable the Council to determine the amount of our Annual subscription, I give below the necessary annual statistical figures (based on the criteria set out in Annex to this Appendix to the By-Laws of ICID) relating to:

Area irrigated annually	_____ha
Area protected by drainage	_____ha
Area protected through flood control works	_____ha
Total:	_____ha

Annual subscription to the United Nations as percentage of the total expenditures of the United Nations

_____

Dated _____

At the City of: _____

Signature of Authorized Officer: _____

Full Name of Authorized Officer _____

(Affix official stamp if available)

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Annex to Appendix A to R3.2

STATEMENT SETTING OUT CRITERIA FOR REPORTING FIGURES ON AREA IRRIGATED AND AREA PROTECTED BY DRAINAGE WORKS IN EACH MEMBER COUNTRY

Figures of areas benefited will be required under two headings:

(a) Irrigation
(b) Drainage

For the purpose of calculating each country's interest, the area benefited will be taken as the sum of (a) plus (b).

Irrigation

The figure required is the area capable of being irrigated by existing installation or equipment together with the additional area which will be capable of being irrigated during the next five years.

The word "capable" should be interpreted as including the whole irrigable area covered by irrigation systems and not simply the area irrigated in each year.

It applies to the net area and should exclude such things as channels, roads, buildings and the like.

Drainage

The figure required is the area which for agricultural purposes depends upon any form of artificial (man-made) drainage works together with any areas depending upon the maintenance or improvement of natural channels.

(1) Land depending upon more than one form of drainage works should be included once only.

(2) Land which is irrigated and also drained should be included under irrigation and not under drainage (that is, it counts once only).

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Appendix B to R3.2

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)
COMMISSION INTERNATIONALE DES IRRIGATIONS ET DU DRAINAGE (CIID)

APPLICATION FORM FOR DIRECT MEMBERSHIP
(Fill only relevant portions)

❑ COMPANIES / ❑ INSTITUTIONS

I PROFILE	
1. Name with Acronym	
2. Date of Establishment	
3. Country of Establishment[1]	
4. Purpose/Mission*	
5. Annual Gross Turnover (*for companies*) [2]	
6. Number of employees (*for institutions*)	
7. Any branches/divisions in other countries*	
8. Geographical Scope	☐ International ☐ Regional ☐ National
9. Core Activities* *(not more than 250 words)*	
II CONTACT DETAILS	
10. Postal address:	
11. Telephone and Fax No. with country code	
12. Website	

[1] Please provide a self-attested legal document showing your Company's incorporation / Institution's registration.

[2] From preceding year Annual Report in US$ with exchange rate at the time of application

* Additional sheets may be used for providing the required information

13. Name of the Contact Person Designation Telephone with country code (indicate work, home, mobile, and fax) Address (*if different from that given at sr. no. 10*) E-mail	
14 Provide full contact details of nominees to receive the entitlements as per the Subscription Structure shown in Terms of Direct Membership	
III Other Information	
15. Statement a. Do you have a National Committee (NC) of ICID in your country? b. *If yes, please give the name of the NC*[1] c. Have you contacted the NC?	☐ Yes ☐ No ☐ Yes ☐ No
16 Company's / Institution's profile (*not more than 250 words, and a logo in a separate file (GIF/JPG)*	

[1] Applicants are advised to contact the respective NCs.

IV Declaration

- ☐ We state that the facts given herein are true and complete.
- ☐ We have contacted the National Committee (NC) in the country of establishment and learned that the constitution of the NC does not have provision for our participation in ICID.
- ☐ We hereby confirm having read and understood the ICID Constitution and By-laws particularly related to Direct Membership.
- ☐ We hereby confirm having read and understood the Terms of Direct Membership.
- ☐ We agree to pay the annual Direct ICID membership subscription, as fixed from time-to-time.

Name and Designation of Authorized Signatory: _____

Address: _____

_____

Signature of Authorized Signatory: _____

Place: _____

Date: _____ (Office Seal)

The application form, duly filled-in and signed, together with supporting documents, if any, may please be submitted to:

Secretary General
International Commission on Irrigation and Drainage (ICID)
48 Nyaya Marg, Chanakyapuri, New Delhi 110021, India
Tel: 91-11-26116837, 91-11-26115679, 91-11-24679532
Fax: +91-11-26115962, E-mail: icid@icid.org
Website: http://www.icid.org

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Appendix C to R3.2

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)
COMMISSION INTERNATIONALE DES IRRIGATIONS ET DU DRAINAGE (CIID)

APPLICATION FORM FOR DIRECT MEMBERSHIP
(Fill only relevant portions)

❑ INDIVIDUALS / ❑ INDIVIDUAL (RETIREE) / ❑ INDIVIDUAL (YOUNG PROFESSIONAL)

I	**Personal Details**	
1.	Title	☐ Dr. / ☐ Prof. / ☐ Engr. / ☐ Ir. / ☐ Mr. / ☐ Ms.
2.	Name (Family Name, Given Name)	
3.	Date of Birth[1] (dd/mm/yyyy)	
4.	Gender	Male / Female
5.	Country[2] of citizenship	
6.	Educational qualifications	☐ Bachelors Degree ☐ Masters Degree ☐ PhD ☐ Any other
7.	Areas of Specialization	☐ Engineering ☐ Water resources management ☐ Agricultural sciences ☐ Social sciences ☐ Environmental sciences ☐ Technology ☐ Economics ☐ Any other, please specify?
8.	Present position (if any)/ In case of a Retiree, mention last position held	
9.	Areas of interest	☐ Design and construction; ☐ Policy and planning; ☐ Monitoring and operational services; ☐ Education and training; ☐ Research; ☐ Capacity development; ☐ International cooperation; ☐ Business management; ☐ Technology; ☐ Financing; ☐ Any other

[1] Please provide a copy of your passport for proof of date of birth and citizenship.

[2] This may be different from country of residence. The purpose of stating your citizenship is to assess the appropriateness of your Direct Membership vis-a-vis to that country.

10. In case, you have been involved in ICID activities through a National Committee (NC) in the past, mention the name of the NC, year and other details*	
II Contact details	
10. Mailing address	
Email	
11. Telephone with country code (indicate work, home, mobile, or fax)	
III Other Information	
12. How do you intend to contribute to the Mission of ICID? (*Please submit in a separate Annex*)	
13. Short CV (*not more than 250 words for uploading on ICID website*)	

IV Declaration:

- ☐ I state that the submitted details provided herein are true and complete.
- ☐ I hereby confirm having read and understood the ICID Constitution and By-laws particularly clauses relating to Direct Membership.
- ☐ I hereby confirm having read and understood the Terms of Direct Membership.
- ☐ I agree to pay the annual ICID membership subscription, as fixed from time-to-time.

Signature : _____

Place: _____

Date: _____

The application form, complete in all respects, may please be submitted to:

Secretary General
International Commission on Irrigation and Drainage (ICID)
48 Nyaya Marg, Chanakyapuri, New Delhi 110021, India
Tel : 91-11-26116837, 91-11-26115679, 91-11-24679532
Fax: +91-11-26115962, E-mail: icid@icid.org
Website: http://www.icid.org

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Annex R3.3

ICID•CIID

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

GUIDELINES FOR ADMINISTERING DIRECT MEMBERSHIP

(As approved by 63rd IEC)

GUIDELINES FOR ADMINISTERING DIRECT MEMBERSHIP

Purpose

These Draft Guidelines are developed to set procedures for administering the 'Direct Membership'. These guidelines are expected to help International Executive Council (IEC) through the Direct Membership Administering Sub-Committee of Permanent Finance Committee (PFC) to take decisions on the admissibility of membership, the fee structure, and the Entitlements to the Direct Members and mode of their participation in the various Technical activities of ICID. These guidelines will evolve with time and will be modified.

Guiding Principles

a. These guidelines follow the spirit, both in letter and word, behind broad basing the membership of ICID as laid down in the constitution and by-laws.

b. The guidelines are designed to ensure that all decisions on the membership are made quickly without impacting the interest of the Commission.

c. The Direct Members will be fully involved in the technical deliberations and activities of the Commission but will not take part in the decision making process.

d. In all cases of ambiguity, the provisions in constitution and by-laws, in that order, will prevail.

e. The administrative processing is kept to a minimum to avoid any additional burden on the Central Office.

Guidelines

1. The Direct Membership will be open to individuals, companies and institutions from the countries which are not the Members of ICID or the countries whose National Committees' constitution does not have provision for their participation.

2. Individual Direct Membership shall be open to any person engaged in irrigation, drainage and flood management and its application or interested in the objectives of the Commission. A retired member is the one who has attained the age of 65 while the Young professional members are individual members not older than 40. Ordinary members are those not falling within **these** two categories.

3. The companies will be divided into three Types A, B and C depending on their annual turnover while the institutions will be categorized in two Types based on the total number of employees engaged. ICID also operates a High / Low Income Country Classification based on the UN classification. Members from Low Income Countries are proposed to pay discounted rate for the membership, as do student and retired members.

4. Institutional membership shall be open to the following types of institutions:

    a. Institutions or organisations involved in research, development and training in irrigation, drainage and flood management in all its aspects, including policy analysis, water resources management, agriculture and industrial applications and the environment.
    b. educational institutions dealing with irrigation, drainage and flood management and allied activities;
    c. organisations, institutions or companies which promote, design, execute or supervise irrigation, drainage and flood management related tasks, carry out surveys or industrial projects, develop, supply or apply relevant equipment, instrumentation, hardware or software.

5. Each Company or Institutional Member can nominate a specified number of persons (as given in **Annex R3.3A** to these guidelines),fulfilling the requirements to be individual members, to be considered to be part of various ICID technical bodies and benefit from receiving the journal at the discounted rates.

6. Applications for membership of the Commission made available on ICID website shall be submitted to the Central Office in writing or through the web site. Applicants shall **become** members of the Commission after they have been notified, in writing, by the Secretary General of the acceptance of their application. The application should be accompanied with the required supporting documents and admission fee.

7. The annual subscription and the entitlements given to the Direct Members will be as per **Annex R3.3A** to these guidelines and will be reviewed every three years by the IEC on the recommendations of PFC.

8. The Commission has set up a Direct Membership Administering Sub-Committee under the PFC to take decisions on the membership applications. The Sub-Committee will consider all the pending applications on a monthly basis through e-communication. The Sub-Committee will take the decision to provide Provisional Direct Membership, subject to ratification by the immediately following IEC. The decision of the IEC shall be applicable with retrospective effect from the date of granting Provisional Direct Membership. The provisional membership will not deprive the member of any of the entitlements that a regular member enjoys.

9. If the applicant belongs to a country which is a member of ICID, and has not been 'deemed inactive', the Sub-Committee may ensure the admissibility of the Direct Membership based on the documents available with the Central Office on the constitution and working of the NC concerned or may consult the National Committee of the home country of the applicant, if it deems necessary. If no objections are received within one month from the National Committee, the applicant shall be granted provisional membership.

10. Consultation with the concerned NC may also be necessary in case, for example, where for reasons (political or strategic) a Company or Organisation not wanting to join the NC, or not be allowed to join the NC, not because the NC does not allow it, but the authorities governing the Company or Organisation do not allow it. Yet, they are still interested in being a member of ICID. Similarly an individual may have similar or other personal/professional reasons. In such cases the Sub-Committee shall consult the National Committee concerned and obtain it's no objection.

11. Termination of the Direct Membership by Council occurs when a member acts in defiance of ICID constitution, the by-laws or the decisions of the Commission or harms the interests of the Commission unreasonably, e.g. by non-payment of annual subscription. The member involved can appeal against deprivation to the IEC within a month after receipt of the written notice thereof. During the term of appeal and pending the issue he/she/it is suspended from membership.

12. The membership of a Direct Member expires:

    a. by decease of the member (being an individual) or by bankruptcy or liquidation of a member (being an institution);
    b. by written notice of termination to the Council by the member;
    c. by written notice of termination to the individual or institution involved, with reasons given, by the Council;
    d. by written notice of deprivation to the individual or institution involved, with reasons given, by the Council.

13. Unlike the membership of National Committees, the Direct Membership will stand terminated automatically on non-payment of annual subscription, and the member will be informed accordingly. Non-payment occurs when the Direct Member involved has not paid his/her/its due within 3 months of its becoming due on the 1st of January of every calendar year without any reminder from the CO.

14. The Direct Member may apply for membership by paying an admission fee.

15. Like in the case of National Committees, for the Company and Organizational Direct Members, the registration fee for each Congress, regional conference, technical session, international workshop or such other international activity organized under the banner of ICID will be at the same level as any other member for the number of candidates sponsored by the institution to the extent as given in the **Annex R3.3A** to these guidelines.

16. The Council may, in consultation with the Organizing Committee of the host country, fix individual registration fees for other sponsored candidates at the level of non-members.

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Annex R3.3A

SUBSCRIPTION STRUCTURE AND ENTITLEMENT OF DIRECT MEMBERS

A. Fee structure (For the period June 2012 to October 2014)

Membership category	Number of Nominees	Developed country			Developing country		
		1 year member	3 years member	Admission Fee	1 year member	3 years member	Admission Fee
I. Company (A)	Two	$ 600	$ 1720	$ 180,00	$ 400,00	$ 1080,00	$ 120,00
II. Company (B)	Four	$ 1000	$ 2700	$ 300	$ 850	$ 2300	$ 250
III. Company (C)	Six	$ 2000	$ 5400	$ 600	$ 2000	$ 5400	$ 600
IV. Institution (a)	Two	$ 400	$ 1080	$ 120	$ 280	$ 760	$ 80
V. Institution (b)	Four	$ 600	$ 1720	$ 180	$ 400	$ 1080	$ 120
VI. Individual:	-	$ 100	$ 270	$ 20	$ 60	$ 1**60**	$ 20
VII Individual: retiree	-	$ 70	$ 190	$ 20	$ **60**	$ **160**	$ 20
VIII. Individual: Young Professional	-	$ 50	$ **135**	$ 20,00	$ **50**	$ 135	$ 20

Company Type A: With annual turnover up to 1 million US $

Company Type B: With annual turnover between 1 and 10 million US $

Company Type C: With annual turnover above 10 million US$

Institution Type A: With 1-50 employees

Institution Type B: With 50 and above employees

(**Note:** Institutions also include International Organizations)

B. Entitlements of the Direct Members

By Joining ICID, individuals, companies and institutions working or concerned by irrigation, drainage and flood-related issues would:

1. **Be part of an international platform** which offers opportunities to exchange knowledge and experience with others and to establish partnerships.
2. **Make your voice heard:** Contribute to improving understanding between stakeholders, while enabling new ideas on water policy to surface.
3. **Benefit from worldwide exposure** of your organization's activities by using the Commission's name, logo and communication tools and by participating in the Commission's activities.
4. **Stay informed** on recent irrigation, drainage and flood management news and events through Commission's publications.
5. **Influence policy makers** to develop sound irrigation-related policies and give it greater priority in the political agenda through the latest updates on upcoming water events, access to articles, posters and abstracts and papers from our series of ICID Congresses.

6. Play an active role in **determining strategies** and implementation of programmes and activities.

7. **Avail the opportunity** to engage in professional networking and information exchange activities through participation in National Committees and Regional Working Groups, and in international programmes and processes as representatives of ICID.ICID regularly takes part in important international processes (UN Water initiatives, World Water Forum, etc) and it is always on the lookout to involve our members in these activities.

8. **Benefit from membership**, such as:

   (a) receive one electronic copy of the ICID Journal on Irrigation and Drainage (for a single use), Annual Report and ICID News (electronic copy) free of cost[1]

   (b) in addition, receive 2,4 and 6 copies of the ICID Journal on Irrigation and Drainage at the concessional member price based on the A, B, or C Type respectively as Company members and 2 or 4 copies of the Journal the member's price based on the (a) or (b) Type respectively in case of institutional members.

   (c) special discount on other ICID publications;

   (d) special advertisement rates in ICID publications, website, etc.;

   (e) special exhibition rates during ICID events;

   (f) special registration fees for ICID events; and

   (g) no charges for making announcements of activities through ICID Website and ICID News.

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[1] Except when hardcopies are requested, nominal charges plus postal charges will have to be paid.

ANNEXES TO
GENERAL SUMMARY

Annex 1.1
(Para 1.1 of General Summary))

List of Participants at the
63rd INTERNATIONAL EXECUTIVE COUNCIL (IEC) MEETING
28 June 2012, Adelaide, Australia

(i) OFFICE BEARERS

President

Dr. Gao Zhanyi (China)

Vice Presidents

Dr. Willem F. Vlotman (Australia)
Dr. Laszlo G. Hayde (Hungary)
Er. A.K. Bajaj (India)
Dr. Ragab Ragab (UK)
Engr. Husnain Ahmad (Pakistan)
Mr. Chaiwat Prachawit (Thailand)
Prof. Tai, Kim-Cheol (Korea)
Dr. Gerhard R. Backeberg (South Africa)

Secretary General

Mr. Avinash C. Tyagi, ICID (India)

(ii) CHAIRPERSONS OF PERMANENT COMMITTEES

Vice President Hon. Dr. Saeed Nairizi, PFC (Iran)
Vice President Hon. Dr. Felix B. Reinders, PCTA (South Africa)
Vice President Dr. Ragab Ragab, PCSO (UK)

(iii) PAST PRESIDENTS

Prof. dr. Ir. Bart Schultz (The Netherlands)
Mr. Peter S. Lee (United Kingdom)
Prof. Dr. Chandra A. Madramootoo (Canada)

(iv) PAST VICE PRESIDENTS

Mr. Franklin E. Dimick (USA)
Mr. Shinsuke Ota (Japan)
Mr. Mark Svendsen (USA)

(v) NATIONAL COMMITTEES/COMMITTEE

Mr. V.C. Ballard	Australia
Mr. Laurie C. Tollefson, Mr. Francois Chrétien	Canada
Mr. Tchouadang Kadjonga	Chad
Mr. Yan Guanyu	China
Mr. Kuang-Ming Chuang, Prof. Ray-Shyan Wu	Chinese Taipei
VPH Dr. Mohamed Hassan Amer, Mr. Tarek A. El-Samman	Egypt
Mr. Jaakko Sierla	Finland
Mr. François BRELLE, Dr. Dominique ROLLIN	France
Prof. Dr. Klaus-Dieter Vorlop, Mr. Jano Anter	Germany
VP Dr. Laszlo G. Hayde	Hungary
Mr. R.C. Jha, Mr. Yogesh Paithankar	India
Dr. Mohamad Hasan, Dr. Basuki Hadimoeljono	Indonesia
Mr. Mehrzad Ehsani	Iran
Dr. Safaa Noori Hamad, Mr. Abdul Khadim Lahmoud Yasir	Iraq
Mr. Graziano Ghinassi, Dr. Anna Tedeschi	Italy
Dr. Yohei Sato	Japan
Mr. Chung, Hai Chang, Dr. Park San Hyun	Korea
Prof. Ir. Dr. Mohd. Amin bin Mohd. Soom, Dr. Nor Hisham Ghazali	Malaysia
Mr. Uttam Raj Timilsina	Nepal
Prof. (Mrs.) L. Vincent	The Netherlands
Engr. Syed Mensoob Ali Zaidi, VP Husnain Ahmad	Pakistan
Dr. (Mrs.) Irena G. Bondarik	Russia
VPH Felix Britz Reinders	South Africa
Dr. Somkiat Prajamwong	Thailand
Mr. Akif OZKALDI	Turkey
PH Peter Lee	United Kingdom
VPH Larry D. Stephens	United States of America
Dr. Shukhrat Mukhamedianov	Uzbekistan

(vi) INTERNATIONAL ORGANIZATIONS (PERMANENT OBSERVERS)

FAO (Mr. Thierry Facon)

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Annex 2.1
(Para 2.1 of General Summary)

Follow up on the ACTION POINTS arising out of MINUTES OF 62ND IEC MEETING

Item No.	Item	Decisions	Action taken/ to be taken	Follow up
2	Application of Countries for ICID Membership	Council decided to postpone the decision on withdrawal of the Chilean National Committee and request the Vice Presidents responsible for the region to pursue this matter further with the Chilean Department of Irrigation and Drainage and the concerned Ministry.	Letter written to Vice President In-Charge to pursue the matter with the Chilean NC,	The Chilean Dept. of I&D and the Ministry has been informed about the IEC decision on 07 February 2012.
3	Venues for Future Conferences	The schedule and places of following future ICID meetings were confirmed		
		i. 3rdAfrican Regional Conference in Bamako from 29 November - 5 December 2011	The event was held successfully.	The Malian National Committee has been requested to submit a report to the CO
		ii. 63rdIEC and 7th Asian Regional Conf. in Adelaide in 24-30 June 2012		
		iii. 11thIDW in Cairo, Egypt in 23-27 September 2012	ENCID has been requested to return the filled-in proforma regarding the financial arrangements.	
		iv. 64thIEC and 8thAsian Regional Conference in Mardin, Turkey in October 2013	The NC has been intimated about the IEC decision last year and proforma to be filled proforma for approval of financial arrangements was supplied.	NC has been requested to fill in the proforma.
		v. 12thIDW in St. Petersburg, Russia in June 2013	-do	-do
		vi. 22ndCongress and 65thIEC in Seoul, South Korea in 2014	-do	-do

Item No.	Item	Decisions	Action taken / to be taken	Follow up
		vii. 66th IEC and 26th ERC in Montpellier, France in October 2015,and	-do	-do
		viii. 67th IEC and 9th Asian Regional Conference in 2016 in Chiang Mai, Thailand.	-do	-do
		Letters inviting hosting of future events up to2017, i.e. 23rd Congress and 68th IEC Meeting	The NCs have been invited to submit their proposals to host the events for in principle approval.	
		It was decided that SG may request Mexico to elaborate further on their offer proposing 5th America Regional Conference for proper evaluation at the next IEC.	Mexican NC was requested to submit final proposal in the refined format.	
4	Broad basing ICID Membership – Suggestions of the Committee	To submit a fully detailed process for 'Direct ICID Member' (DIM) applications, and a, membership fee structure for DIM before the Adelaide 2012 IEC.	The fully detailed proposal has been prepared and circulated amongst the NCs to give effect to this decision.	This has been covered under IEC Agenda Item 8.
5	New Approach to Invigorate the International Technology Research in Irrigation and Drainage (earlier IPTRID)		Proposal for Governing Board to oversee the further development of the program is under consideration of IEC.	
6	ICID Preparation for Inputs to WWF6, Marseille, France, 2012	No decision	ICID successfully participated in the event.	
7	New Secretary General	Endorsed the appointment of Er. Avinash C. Tyagi with effect from 01 January 2012	Er. Tyagi has joined ICID and resumed his duties with effect from 01 January 2012.	

Item No.	Item	Decisions	Action taken / to be taken	Follow up
9.	Report of the Management Board (MB)	The Council approved setting up of Committee comprised of President Madramootoo as the Chair, VPH Larry Stephens, VP Bajaj as Members and incoming Secretary General A.C. Tyagi as the Ex-Officio Officer of that Committee.	The proposed amendments have been prepared by the Review Committee and are submitted to this IEC for its comments under Agenda Item 9.	
10	Report of the Permanent Committee on Strategy and Organization (PCSO)	It was decided to establish a Task Team on ICID Engagement with Rio+20 Process	The TF finalized the submission on behalf of ICID and sent it to the Rio+20 Secretariat.	The progress on the Rio+20 was brought out in News Update April 2012.
		To make the work of PCTA and PCSO easier, especially when the Chairmen are not present in the PCSO and PCTA meetings, it was suggested to formulate a new format for WG minutes with the action points at the end.	The WG report is now submitted in a new format. Changes have also been made in the Draft Agenda and Minutes of PFC, PCTA, PCSO and IEC.	
11	Report of the Permanent Committee for Technical Activities (PCTA)	EB-JOUR - A decision on a new agreement with Wiley or a new publisher will be needed next year	The item is put up to EB-JOUR and to the IEC for consideration.	
		WG-TRUE to be continued for one more year to develop its mandate, membership and work program for a new Working Group that would extend ICID's program of research and development.	WG-TRUE has made recommendations on the Board of Governors for the ICID Research Programme.	
		WG-MIS should be continued and a new Mandate is prepared.	Chairman has written to members to know about their interest in continuing this workbody and on its mandate.	Will be reflected in the Adelaide meeting agenda.
		2012 WatSave Awards –the matter to be decided amongst Australia and South Africa regarding the sponsorship of Awards.	Australia has agreed to support the WATSAVE Awards for the year 2012.	
		22nd Congress in Korea – Korean NC can go ahead with the final planning, advertising and call for papers.		

Item No.	Item	Decisions	Action taken / to be taken	Follow up
12.	Report of the Permanent Finance Committee (PFC)	ICID should try to honour and pay the L&DO with a better financial in house situation.	The process on the subject has been unsatisfactory.	Efforts to continue.
		The Council approved the budget 2012-2013 where anticipate receipts would be Rs.27 M and payments Rs.27.7 M, and deficit at Rs.1 M.	The Central Office is operating the expenditure based on the approved budget.	
		A Building Oversight Committee to be formed to examine the building investments and rental of the property in 2013.	The Building Oversight Committee has been constituted.	

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Annex 2.2
(Para 2.1 of General Summary)

GIST OF IMPORTANT DECISIONS TAKEN BY THE MANAGEMENT BOARD SINCE TEHRAN IEC MEETING

1. Virtual Management Board Meeting No.1, November 2011 (via E-mail)

Decision: The MB decided to nominate five personnel representing ICID to avail a 20% discount offered by them to ICID, being a WWC Member, to attend the 6th World Water Forum in Marseille, France in March 2012.

Action Taken: *All the nominated persons have attended the WWF6, after availing the offer.*

2. Virtual Management Board Meeting No.2, December 2011 (via E-mail)

Decision: The MB decided to co-convene a Workshop titled "*Best use of blue water resources for food security*" during the Stockholm World Water Week 2012 at no cost to ICID.

Action Taken: *Accordingly co-convener agreement was signed with SIWI by the Secretary General on 19 March 2012 and sent to SIWI.*

3. Virtual Management Board Meeting No.1/12, 27 January 2012 (via E-mail)

Decision: The MB considered Australian National Organizing Committee's request for not insisting on 50% reduced registration fee for Young Professionals for 63rdIEC Meeting and 7thAsian Regional Conference, Adelaide, Australia, 24-29 June 2012.The MB decided to continue with the practice of offering 50% reduced registration fee for young professionals as offered by the host National Committees for past ICID events. It was also decided that the 15% share be calculated on the total fees received (excluding registration fee from full time students).

Action Taken:*The MB decision has been communicated to the Organizing Committee of IACID.*

4. Management Board Meeting No.2/12, 15 March 2012

The MB considered the following items and the decisions on them are as follows:

(a) ***Allocation of Thematic Areas to Vice Presidents***

Decision: The MB decided to allocate thematic areas amongst the Vice Presidents for the terms of 2010-2013 and 2011-2014. The MB decided to invite the Systems theme leader to make a presentation at the 63rdIEC. The MB decided to allocate the themes to the newly elected VPs in Adelaide so that each theme is looked after by two Vice-Presidents.

Action Taken: The consent has been obtained from all VPs, except VP Husnain Ahmed (who declined) and VP Sangare, who has not responded.

(b) ***Review of progress in follow up on the issue of broad basing of ICID membership***

Decision: The MB asked that the changes required in the constitution and bye-laws are sent to the NCs two months before the meeting of IEC as required by the constitution and bye-laws.

Action Taken: *This has been complied with.*

(c) ***New Format of the Documents presented at the IEC meetings***

Decision: The MB approved the new format for the minutes of IEC and PCs for testing during the 63rd IEC meeting.

Action Taken: *The Agenda for all workbody meetings, PCs and IEC has been prepared as per the new format.*

(d) ***Follow up on the IPTRID***

Decision: The MB decided that a proposal on the appointment of Board of Governors for the new Programme replacing IPTRID should be brought before the 63rd IEC for its consideration and decision.

Decision: The MB decided that CNCID, in collaboration with the CO, should come out with an appropriate name for the new Programme as adopted by 61st IEC and propose a suitable name and visual identity for the Programme, after considerations by the Board of Governors of the Programme.

Decision: The MB decided that that all the Regional Nodes should present 3-year programme to the Board of Governors, and the CNCID Regional Centre should coordinate the work among the Regional Centres and present the annual progress of work carried out by all the Regional Nodes based on report submitted by them to the Board of Governors.

Decision: The MB decided to invite all the National Committees to present proposals for other Regional Nodes as identified in the concept note presented at Yogyakarta IEC and asked to submit a proposal to that effect before the Adelaide IEC meeting.

Action Taken: *All NCs have been asked to present their proposals for Regional Nodes in their countries.*

(e) ***Constitution of the Oversight Committee (OC) for renovation of ICID Building at New Delhi***

Decision: The MB approved the constitution of the OC and its mandate.

Action Taken: *The OC has been constituted.*

(f) ***Wastewater workshop in New Delhi in May 2012***

Decision: The MB approved the organization of the second Regional Workshop for Central, Western and South Asian countries.

Action Taken: *The workshop is being organized with UN-Water funding, and ICID is providing the logistical support and the cost of the venue.*

5. Virtual Management Board Meeting No.3/12, 11 April 2012 (via E-mail)

The MB considered the registration fee for 63rd IEC and 7th ARC and related events in Adelaide, Australia.

Decision: The MB decided that the registration fee should be AUD 990 charged for the Adelaide events.

Action Taken: *This has been communicated to IACID.*

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Annex 4.1
(Para 4.9 of General Summary)

MONETARY OBLIGATIONS OF THE HOST NATIONAL COMMITTEE
Organizing ICID Congresses, Conferences, Meetings, Workshops and Symposium

I. It has been decided at various IEC meetings that following portion of the total registration fee will be payable by the host National Committee to ICID and payment will be made to Central Office within 3 months after conclusion of the event:

   a. A 50% share of all registration fees for the Congress, *(58th IEC Minutes page 17)*

   b. 15% share of registration fees for the IEC meeting (*with or without Regional Conference*), and *(58th IEC Minutes page 17)*

   c. 5% share in case of a separate Regional Conference / Micro irrigation Congress / International Drainage Workshop approved by IEC where ICID logo or banner was used *(60th IEC Minutes, page 22)*

II. The President, Secretary General and Executive Secretary, ICID are exempted from registration fee (By-laws 5.9.1(e) and 5.9.2 (d)).For Congress, there will be an additional professional whose registration fee will also be waived.

III. The full lodging, boarding and study tour costs in respect of President, Secretary General and Executive Secretary, ICID are to be borne by the host National Committee. For Congress there will be an additional Central Office professional to be supported. (*Decision taken under item 6 of 41st IEC meeting at Rio de Janeiro in 1990*)

IV. One delegate each from international organizations invited by the Central Office on behalf of ICID is to be exempted from payment of registration fee (By-law 5.9.1 (f)) (about 5-10 delegates from international organizations may be expected).

These notes must be read in conjunction with Article 8 of ICID Constitution and ICID By-Law 5

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Annex 5.1
(Para 5.5 of General Summary)

GUIDELINES FOR PREPARATION AND CONDUCT OF INTERNATIONAL EXECUTIVE COUNCIL (IEC) MEETINGS AND ICID CONGRESSES/CONFERENCES

Objectives

The basic objective in compiling these guidelines is to support the National Committees desirous of hosting the ICID annual International Executive Council meetings, ICID Congresses and the Conferences organized in conjunction with the IEC by way of:

(i) Preparing the proposal for hosting,
(ii) Making a business case, and
(iii) Organizing the event successfully

These Guidelines are compiled on the basis of the ICID by-laws, decisions taken during various IEC meetings and the experience gained in organizing meetings over the years. The provisions in the ICID Constitution and by-laws will hold good in case of any ambiguity.

The objectives of the IEC meetings and associated Congress, Conference and the Workbody meetings, as defined in the ICID Constitution, are given priority while designing these guidelines. The fact that these meetings provide the platform for the NCs and other stakeholders involved in furthering the goals of ICID to interact, the effort shall be made to keep participation in these meetings within the affordable reach of participants from developing countries and young professionals. As such, the meetings should be, as far as possible, organized in an austere manner so that the registration fee for the events can be kept to a minimum possible. Efficient use of technology and manpower can go a long way in keeping down the costs of organizing these meetings.

These guidelines should be implemented in their spirit and not the words alone. The host NC, through its management skills can improve upon these basic requirements, keeping in view their financial impacts. In certain cases some of the clauses in these guidelines may look trivial, but they also serve the needs of the uninitiated.

As the scope of these meeting might change in the future and with the advent of new technology, these guidelines will remain dynamic and shall be reviewed periodically. As such, feedback on the efficacy of these guidelines from the organizers of the meetings is solicited.

A. Invitation to host ICID events

1. A National Committee (NC) desirous of hosting the annual meeting of the International Executive Council (IEC) either with or without Congress or a Regional Conference has to extend a formal invitation by submitting Part I of **Form A (Annex 5.1),** addressed to Secretary General, ICID.
2. The offer for hosting an IEC, with or without Conference should be made at least 2 years in advance while in the case of an IEC with Congress, the offer shall be made four years in advance.
3. A representative of the intending host NC has to make a short (about five minutes) power point presentation about the proposal during the IEC/PFC Meeting with the help of leaflets, brochures, or a film etc.

B. Detailed proposal

4. The detailed proposal should include details of venue, the proposed registration fee structure for each event, viz. IEC meeting, the Congress, conference, workshop, seminar and details of opening and closing sessions, the social functions, study tours etc.
5. The programme of IEC meeting preceded by meetings of Workbodies and other events usually shall not extend beyond six days. Study tours of required duration are organized at the end of these meetings.

6. After acceptance of its invitation by IEC, the host has to formulate a detailed financial proposal (in Form A part II and Part III), in consultation with the Central Office, for presentation at the next meeting of PFC. The IEC approves the proposal on recommendation by the PFC clearly mentioning in its resolution, the fee structure and contribution from Registration Fees earned from the events to the ICID Budget.

7. In case, a host NC is required to withdraw its offer due to non-approval of the financial proposal by IEC or withdraws due to some unforeseen circumstances beyond its control after acceptance by the IEC, it shall so inform the Secretary General as soon as possible for taking up the matter in the next meeting of the Management Board or IEC.

C Dissemination: Announcements, Information Bulletins, etc.

8. Normally, the host NC should bring out the 1st Bulletin about the program of the events immediately after the IEC approves the detailed proposal. The content of Bulletin should include letter of invitation from the Chairman of National Committee; history and culture of the country; social, economic, climate and tourist information of the country; brief introduction of the hosting city etc.

9. For wider publicity to the event the Host NC/ Organization Committee should set up a web site for the event and arrange posting of the bulletin and its subsequent updated versions, including the final bulletin at least nine months before the scheduled date of the event, on the website of ICID and of the Organizing Committee/NC.

10. The host NC should also:

    (i) Directly mail to NCs hard copies of the final bulletin containing the registration form at least 9 months ahead of the program.

    (ii) Mail the copies of the bulletin to designated invited International Organizations under intimation to Central Office.

    (iii) Send weekly e-mail indicating latest tally of the participants registered and updated lists of NCs and names of their representatives who will attend IEC meetings, in order to allow the Central Office to send reminders, where required.

D. Venue for IEC/Congress/Conference

11. More than 30 meetings of Workbodies and about 15 side meetings take place along with each IEC meeting. Following space is required for the efficient conduct of the meetings:

    a. The hall for opening and closing ceremony with a capacity for 1000 persons,
    b. The hall Capacity for IEC meeting should be for 300 persons,
    c. The meeting room for the Permanent Committees should have a capacity for 50-150 persons, and
    d. The meeting room for ICID Working Groups should be for 40 - 60 persons.

12. Reception Hall with separate counters for registration of delegates, invitees, hotels, transportation, tours, travel bookings, rerouting, reconfirmation, money exchange, medical facilities, messages, and other services.

13. Conference Hall for the IEC meeting should be equipped with seats with desks, having microphones, audio-visual aids and a large screen. Seating for representatives of NCs and affiliated organisations should preferably be around a rectangular/circular table.

14. Conference Hall should have arrangement for interpreters, microphones, audio-visual aids, and separate desks for Central Office staff, separate desk for papers for distribution, and simultaneous translators' boxes.

15. Separate offices for President, Secretary General, Central Office Staff are required. Provide in office rooms of President/Secretary General/Central Office enough space for PCs, Internet and reprographic facilities. Provide facilities for tea/coffee, drinking water in the rooms. Assign a volunteer to attend to urgent errands from these offices, where feasible. Six chairs in each room are to be provided for visitors. The office of the Secretary General should be located preferably next to the President's office.

16. For Central Office professionals, another two rooms next to the Secretary General's room with computers, tables and chairs are to be provided. At least one PC with internet, printer and stationery has to be provided in each of these.

17. All the 4 rooms should be separate, lockable and should allow complete privacy as important and sensitive meetings, discussions are held there.

18. One room with at least 2 PCs, a printer and stationery is required for the translators who are required to provide translations from English to French or vice-versa of the documents.

19. Provide chairs and small tables in the reception hall or near the registration counters and at different places at the venue for small groups of delegates wishing to work or talk or wait.

20. Provide a NC display center for activities of NCs for them to exhibit their past achievements, present activities and future plans at the main venue. Requirement of space by NCs is ascertained in advance by the host NC/Central Office.

21. A wall space of about 400 m^2 will be required to accommodate exhibits (mainly posters) from active National Committees of ICID. An average about 5 to 8 m² of wall space may be allotted to each National Committee for such display, on first-cum-first-served basis. Provide spacious tables with display fix-on boards with space for about 15 posters (1.2 m x 0.7 m or A-0 size) for this display.

22. Set up special stall at a prominent place near registration desks for sale and display of ICID publications. Services of two volunteers, preferably a Junior Professional, are to be provided at the stall to assist the representative of the Central Office to manage it.

23. The venues of meetings and office rooms have to be kept accessible 24 hours during the currency of the meetings. Security personnel have to be informed accordingly and special arrangement made in advance.

E. Hotel Accommodation

24. Around 250-300 rooms are generally required for lodging participants from abroad. About 1/3rd of these rooms being double rooms. It is preferred if all participants are housed in the hotel which is the venue for meeting(s) or nearby the venue. In case this is not possible, and or the hotel is too expensive, the host can arrange hotel accommodation at two or three different tariff rates. It is desirable to house all Office Bearers and Chairs of Workbodies in one hotel, closest to the venue of the meetings, as far as possible.

25. The host NC should also explore the availability of cheap accommodation for the use of young professionals and delegates from developing countries, if they so desire to use.

F. Interpretation and Translation Facilities

26. The arrangements for recording, simultaneous interpretation of the proceedings of the IEC are of great importance.

27. Simultaneous interpretation facility is to be provided for French and English during opening session of Congress/Conference besides at meetings of IEC as well as PCSO, PCTA and PFC. Similarly provide services of interpreters in English/French if requisitioned during Workbody meetings and/or for Study/Technical Tours.

28. Services of translators for quick preparation of French versions of minutes of Permanent Committees are essential. The work is to be done during evening hours after availability of draft version at the end of the day and hence it often becomes critical to the success of the events.

G. Coordinators and master of ceremonies

29. A host NC often employs/hires services of a professional Conference organizing agency having suitably qualified persons for the required duration. However, designated representatives of NCs have to coordinate and supervise activities of such hired agencies. The NCs' representatives have to continuously liaise with and monitor the efficacy of the Agency and remove bottlenecks, difficulties and solve problems which come up in the last minute.

30. Representatives of the host NC have to be designated to visit IEC conference rooms for taking timely steps to obviate difficulties and meet with any last minute/unforeseen requirements. It is helpful if the NCs' designated representatives have attended previous IEC meetings and have studied various requirements.

31. Identify a Master of Ceremonies for each important event during the programme. Prepare a detailed time table for Opening and Closing Ceremonies and distribute in the house before their start. Indicate therein the sequence of speeches/keynote addresses.

32. The host National Committee should prepare the daily programme containing the day-to-day events that should be placed at the Registration Desk every morning. Draft of this programme is decided in consultation with the Central Office.

H. Registration Desk

33. A Registration Desk/ Counter is provided in a front hall of the venue duly equipped with information on registration, study tours, air tickets, money exchange, and other facilities.

34. Registration should preferably have to open on the afternoon of the previous day of arrival of 1st batch of delegates.

35. Prepare in advance registration kits for the participants/ delegates which should preferably include:

(i) a sheet giving details of contents of the kit;

(ii) folder or a document carrying case;

(iii) badge for each delegate and accompanying person (the badges should show at least, name – country, the first name and surname; if possible badges in different colours to distinguish between the host country organizers, volunteers, host country delegates, and other delegates);

(iv) floor-plans showing venues of all meetings and events, including facilities for refreshment, toilets, rest rooms, medical attendance, along with seating arrangement;

(v) detailed programme for delegates and accompanying persons and a detailed pocket programme;

(vi) a map of the city and tourist leaflets etc;

(vii) a small memento (optional);

(viii) hotel addresses, details of study tours, tour material, maps;

(ix) list of participants with their full address, and

(x) any folders provided by the Central Office

I. Information Desk

36. A separate Information Desk, near the registration area, with one attendant for giving guidance to the participants and providing general information on relevant subjects. The desk is to be manned by a fairly responsible senior person nominated by the Organizing Committee. The information Desk should be equipped with:

(i) A list of all contact persons with their telephone numbers,

(ii) list of registered delegates, their places of stay, hotel telephone numbers,

(iii) hotel location maps, local transport arrangements etc.

(iv) transport between Conference Venue and hotels,

(v) tours around the town and excursions, etc.

37. The study tour desk would preferably have to be located in the registration area and close to the information desk and be manned by a travel agent. The person could also be assigned to sort out delegates' individual air travel problems, changes, reconfirmation, etc.

38. Provide location indicators/markers to guide participants at strategic locations en-route meeting halls.

J. Communication and Services

39. Provide a 'news/messages stall' to display daily news bulletin/ messages from the host NC. Also provide services of a knowledgeable professional to function as an editor for drafting the daily news bulletin and provide a place for him near ICID stall to receive news/information.

40. Provide two separate notice boards near the registration counters for

    (i) **the Organizing Committee** official notices from, such as the current day's and following days' programme with changes in timing, venue and a floor plans showing all rooms of activities; and

    (ii) **delegates** to exchange messages (Message stick-on slips are to be provided),

41. Place mail boxes/pigeon hole stands for distribution of documents to the National Committees, and President/SG/Central Office close to registration desk.

42. Provide services of a Reprographic Assistant in 2 shifts. Provide two sets of equipment and adequate manpower for photocopying and making required number of sets of documents along with the required stationery. Many a time, the work has to run late into the night. Arrangement for security and access to the offices has to be ensured.

43. Provide facility with at least 3 computers with MS Office with internet facility for Chairs of Workbodies in one separate office room equipped with services of one PC operators/typists/data entry operators for helping, drafting and word processing of proceedings/minutes of the Workbodies

44. Make arrangement for photography during opening and closing ceremonies of Congress and meetings of IEC, Workbodies study tours, technical sessions and important social events for maintaining a record. A complete set of photos to be sent to Central Office in New Delhi after the meetings.

K. Facilities to be provided in the Meeting Rooms

45. Provide simultaneous multilingual (French) translation and recording facilities at IEC/Congress venues which is a crucial and vital aspect.

46. Arrange for drinking water and beverages (coffee, tea and light refreshments) twice at mid-morning and mid-afternoon for each day. Make drinking water available in all meeting rooms/halls. The arrangement for working lunch is optional.

47. Arrange for projection power point facilities, audio-visual, equipment like LCD, 35 mm slide projectors and overhead projectors etc. upon requirement.

L. Facilities in the Conference Hall for IEC Meeting

48. The Conference Hall should be large enough for the meeting to proceed efficiently and comfortably with proper acoustics, seating and writing desk arrangement.

49. The platform and conference room in general would preferably be decorated tastefully with flowers, banners etc.

50. It is decided to revert to seating arrangement around a rectangular table with one seat per NC. One Additional/Alternate member may sit at the back of the main representative. At the head table, seats are provided for President, Vice Presidents and Secretary General raised 30 cm above the floor with steps on either side. Behind the head table, there should be enough room to accommodate a desk with papers/documents of the Central Office with two seated representatives.

51. A seating plan of the meeting room is to be prepared in advance in consultation with the Central Office representative. The Central Office communicates to the host National Committee the alphabetical order of the participating National Committees/Committee, Presidents honoraire and affiliated organisations representatives.

52. Boards bearing names of the NC/Committees are to be made either in the inverted V shape or in a card shape insertable into a slot on the table/stand. If possible, names of NCs would preferably have to be printed on both sides, on one side in English, on the other side in French.

53. For the Office-Bearers on the head table, the name boards should be for President, and the Secretary General by designation and by individual names for the Vice Presidents. If the layout is rectangular, the 11 Office Bearers are to be seated on one side of the rectangle at the head table.

54. Separate microphones are provided on all tables, with carefully positioned loudspeakers to avoid feedback and humming. All microphones have to be connected to the interpreters' room and audio recorder and tested in advance for obtaining clear recording.

55. The audio recording has to be handed over to the Central Office representative as soon as possible after the event.

56. All accessories such as writing pads, ball-point pens and carafes of drinking water and glasses are to be provided. Availability of about 2-3 hostesses/volunteers to promptly distribute and collect or transmit papers in the hall when requested by the Central Office representative is necessary.

M. Social and accompanying persons Programme

57. Receptions are planned in the evenings. Short cultural programmes and entertainment events are arranged in one or two evenings. Cocktails on the first day; concerts, ballets, dances or dinners or any other programmes on the 3rd day; the closing banquet on the 5th day evening are planned duly addressing the special diet requirements in view.

58. Normally the evenings of the 2nd and the 4th day are left for receptions hosted by NCs of the next Congress/IEC meetings. National Organizing Committee should assist other National Committees who desire to host a reception or introduce a session for future ICID events.

59. Half-day or full-day sightseeing trips within the host city or near about are generally scheduled for accompanying persons on the days of the meetings. Special tours and some interesting programmes are generally also planned by the host country for the accompanying persons.

N. Study Tours

60. There are four categories of tours:

a. One-day or half-day tours, usually held during the conference, which may or may not be provided within the registration fee for the conference.

b. Post-conference tours provided at extra cost and lasting 1-3 days.

c. Networking tours, similar to 1 but held before the conference starts to provide an opportunity for the delegates (and accompanying persons) to get to know one another and the region of the conference. Ideally such tours should be offered at little or no extra cost to the delegate.

d. Accompanying person's half-day tours and visits, which are generally non-technical. These may be arranged with a tour company, but tours that are run by or involve the conference organisers (or their families) are more personal and greatly appreciated. The costs of such tours and visits can be additional to the accompanying person's registration fee, but the cost should be competitive with tours available to ordinary visitors.

More than one choice of tour may be offered in the case of category a, b or d, but not c. In case there is insufficient interest in a particular tour, delegates should be warned that it may be cancelled. If delegates are asked to express a second or third choice then this can help in arranging a satisfactory alternative.

61. Content of Technical Tours

For nearly all delegates, participation in a technical tour (categories a, b and c above) and especially any extra cost must be justified by the tour's technical value. Tours may also have touristic, social or cultural content but the technical component is paramount and essential.

For some delegates, the technical content may be satisfied by a visit to an engineering installation, but these days, more and more delegates are seeking opportunities to study water management in a more integrated context and interact with end-users (the farmers especially). The social, financial and management aspects of agricultural water management are of growing interest.

62. Organizing Committee generally arranges study tours to ongoing projects of technical interest, along with visits to important historical and interesting tourist places.

63. The coach journeys for the tours in each day should not be too long and tiring. The coach passengers should feel reasonably comfortable so that they can enjoy the sightseeing and/or also interact with fellow participants.

64. When more than one coach is engaged for a trip, one of the coaches can be kept reserved for French-speaking participants.

65. One representative preferably a bi-lingual from the Organizing Committee is generally required to accompany each coach of the tour. The person provides a commentary on public address system on the places to be visited and sights seen during the tour.

66. During a tour, pre-recorded taped commentary both in English and French could be played for participants. A canopy or shelter, if provided at a site is used for the visitors to listen to the recording, while studying photographs or diagrams or other visuals.

67. Distribute to all participants pocket-size programme cards in English/French for reference during the tours. Separate card for the programme and time table for a tour day is preferable. Provide on one card complete list of participants of the tour and the designated coaches they are travelling. Some delegates have to submit reports to their sponsors and/or they may have difficulty with the language. Printed information is especially helpful here.

68. Planning Stops

The tour should aim to have a stop at intervals of no more than every 1-2 hours. These stops should be planned for delegates to appreciate environmental, historical or economic aspects relevant to managing water for sustainable agriculture. For stops to be of real value, there should be a clear schedule (provided beforehand) with the names of places, organisations and people to be met, and a map of the route and if appropriate a plan of the scheme in its geographical context. A brief stop to inform delegates that the tour is crossing a notable waterway, or moving into a particular catchment or agricultural region is enough to break the journey and add technical value.

Some tour companies like to give time for delegates to stop at shops where possibly they get a commission. Such stops are not appropriate for technical tours and tour companies need to be used with caution.

69. Keeping to Time

It is important that the tour is not too ambitious and keeps to time. The route should be reconnoitered beforehand, allowing that the speed and access of the bus may not be easy. A time should be scheduled for each stop and on the day, the delegates should be given a time and signal to re-board the bus.

A follow-up car is sometime useful to collect those who miss the bus to avoid the common problem of 1-2 people holding up the whole tour. This may be especially important if there is an evening event or delegates are catching planes etc. An additional car may be needed to allow individual delegates to leave early if necessary.

70. Comfort and Safety

Toilets and refreshments should be provided. Drinking water, and possibly a toilet, should be available on the bus. If toilet facilities are unavailable or limited at certain stops, then delegates should be warned of this.

Time can be saved by providing refreshments that can be quickly consumed, and sit-down dining and a full-meal service is not obligatory. Vegetarian and pork-free alternatives are required for some delegates.

There should be a contingency plan for dealing with inclement weather (eg heavy rain), disabled access, sudden illness, accidents etc.

71. Planning Checklist

a. Does the tour have the necessary content relevant to the broad interest of managing water for sustainable agriculture?

b. Are the delegates provided with adequate information about the schedule, route and stops, including printed information sheets and maps giving names and other key information?

c. Who is responsible for the schedule overall and at each stop, and are there arrangements for limiting and dealing with delays?

d. Is there a contingency plan to deal with special needs and incidents?

O. Miscellaneous: Receiving at the airport and departures

72. Organizers preferably would have to arrange their representatives or a designated travel agency to meet delegates at the airport and guide them to the hotels, where they are accommodated. The host National Committee may provide transport to the hotels or extend assistance to delegates in reaching their hotels.

73. Arrange for return journey reconfirmation and facilitation of change of programme for participants.

74. Send the record of important photographs with dates and events indicated on the back of the photos to Central Office within 15 days after the meetings for record and publishing.

75. Hand over the material for inclusion in the ICID Newsletter/News Update for publicity to Central Office representative at the end of the event before departure.

76. A complete set of papers distributed to the delegates during the study tours, selected photographs of works to visit and a write up about places to visit and a general report on all the study tours is to be handed over to the Central Office staff.

P. Policy and rules regarding Registration

77. One delegate each from designated International Organizations as approved by the President in consultation with Organizing Committee when invited by the Central Office is allowed to participate without payment of registration fees.

78. The President, Secretary General and the representatives of the Central Office are exempted from paying registration fee.

79. There are two types of participants at these events; (i) those who want to attend all the events and (ii) others who are interested only in some or all side technical events such as workshop/seminar/regional conference etc.

80. At the time of a Congress, the registration fee for Congress participants includes these events too. In case any participant wants to attend only the workshop/seminar, then the registration fee is separately charged at the time of registration. There may be some professionals who want to attend the seminar/workshop and listen to proceedings but not avail/purchase the transactions nor get them registered at the seminar/workshop. Such individuals are to be encouraged and allowed to attend the technical proceedings as Observers at a reduced registration fee. At the time of an IEC meeting, if a technical workshop/seminar/regional conference is also held, a suitable separate registration fee is to be charged.

81. Such separate registration fee for technical events at an IEC/Congress is decided and notified by the Host National Committee in consultation with the Central Office, in advance.

82. The host NC should submit detailed Financial Returns in **Form B (Annex 5.1)** to the Secretary General within three months of the event in order to account for and incorporate contribution to the ICID Budget.

83. The host NC shall offers 50% waiver in registration fee to Young Professionals (Age: 40 years or less).

Q. Additional Points for Congresses

84. After IEC offers a National Committee to host the ICID Congress, the hosting National Committee should prepare three announcements for the Congress over a period. The announcements should be prepared in both English and French.

85. The first announcement should be disseminated during the immediate next IEC meeting. The contents of the first announcement should include:

(i) Venues of IEC Meetings and Congresses, Brief introduction of ICID,
(ii) logo designed for the Congress,
(iii) Member countries and Year of Joining ICID,
(iv) letter of invitation from the President of ICID,
(v) letter of invitation from the Chairperson of the Congress Organizing Committee,
(vi) letter of invitation from the Chairman of Host National Committee,
(vii) important dates to remember,
(viii) the questions and topics of the Congress,
(ix) Program outline,
(x) Study tour information,
(xi) Congress Preparatory (Organizing) Committee and
(xii) Preliminary registration form.

86. After disseminating the First Announcement, the host National Committee should work closely with ICID Central Office to develop the Congress Theme and Scope of Congress Topics. The Second Announcement should be disseminated two years prior to the Congress. Apart from the updated information in the First Announcement, the Second Announcement should include:

(a) Call for Papers,
(b) Guidelines to authors for preparation of papers accepted by Special Committee,
(c) Guidelines to authors for preparing electronic and hard copies,
(d) guidelines for preparing abstracts and “summaries and conclusions” of papers for ICID Congresses,
(e) proforma to be completed by authors while submitting detailed “summary and conclusions” of proposed paper, and

87. ICID Central Office appoints General Reporters and Panel Experts for Questions and Special Session to review and select papers.

88. The Third (final) Announcement should be disseminated one year prior to the Congress. The contents of the Final Announcement should include:

(i) Member countries and Year of Joining,
(ii) Logo of the Congress, Brief introduction of ICID,
(iii) Letter of invitation from the President of ICID,
(iv) Letter of invitation from the Chairperson of the Congress Organizing Committee,
(v) Letter of Invitation from the Chairperson of Hosting National Committee,
(vi) List of National Organizing Committee Members,
(vii) Venues of IEC Meeting and Congress,
(viii) Key dates,
(ix) Congress Theme and Scope of Congress Topics, Special Session and Seminars,
(x) Lists of General Reporter and Panel of Experts for Questions,
(xi) Schedule of Preliminary Program,

(xii) Exhibition information,
(xiii) Detailed Itinerary of Study Tours,
(xiv) Detailed Information on Accommodation,
(xv) Information on Weather, Currency and Banking, Voltage and Power Supply,
(xvi) Registration Form and Other information as considered relevant for visiting the host country.

89. The host National Committee should report progress on the preparation of the Congress at IEC meetings.

90. The Congress website should be setup three years before the Congress, all kinds of related information should be uploaded on the website and updated regularly. Both online registration and regular registration should be invited and information placed on the ICID website.

91. Exhibition and National Committee Display need to be arranged. The invitations to exhibitors and National Committee should be widely disseminated.

92. By keeping, close contact with the ICID Central Office, the final detailed programme should be edited and completed two months before the Congress.

93. It is recommended that the host National Committee prepare materials to introduce the history and current status related to irrigation, drainage and flood management of the country in English.

94. The hall capacity for Opening and Closing Ceremony should be for 1000-1500 persons.

95. The toolkit should also include a CD containing the abstracts of all the papers.

96. There is always scope for improvement. The National Organizing Committee can do much more than above to make the event a grand success.

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Annex 5.1 – FORM A

ICID•CIID

PROFORMA TO FACILITATE APPROVALS FOR HOSTING ICID EVENTS

This Proforma is provided to make the National Committee intending to host an ICID event (*IEC meetings, Congress, Regional Conference, Micro Irrigation Symposium and Drainage Workshop*) aware of the general arrangements required to be made for the successful conduct of the event and prepare a business case.

The National Committee intending to host an event and extend an invitation would be required to submit their proposal by filling only section 'I General' of the Proforma. They will find the other sections of the proforma very useful while extending the invitation.

The National Committees whose invitation to host ICID events has been accepted by the IEC in accordance with By-law 5.1 should submit this Proforma duly filled, as realistically as feasible, in order for IEC, (through the PFC), to review and assess the proposal for approval of the event in terms of By-law 5.8.

These Proforma shall be submitted in accordance with the time schedule (in terms of years before the event, shown as (-)) set by the By-law 5 and consolidated in the table below. These proforma should be sent to the Central Office at least two month in advance of the IEC meeting where the invitation/ approval of IEC are solicited.

Time Schedule for approvals of various ICID Events

Event	Acceptance of invitation by IEC	Approval of Financial Arrangements	Approval of general arrangements	Any other
IEC Meeting with Congress and World Irrigation Forum	(-) 4 years	(-) 2 years	(-) 2 years	
IEC Meeting with Regional Conference	(-) 2 years	(-) 1 years	(-) 1 years	
IEC Meeting	(-) 2 years	(-) 1 years	(-) 1 years	
Regional Conferences/ Drainage Workshop/ Micro-Irrigation Symposium	(-) 2 years	(-) 1 years	(-) 1 years	

I. GENERAL

- **Name of the National Committee:** _____

- **Name of the Meeting:**

IEC (only)	Year _____
IEC+ Regional Conference	Year _____
IEC + Congress/WIF	Year _____
Regional Conference/ Micro irrigation Symposium/ Drainage Workshop	Year _____

- **City/town** where the meeting is proposed to be held: _____

- **Conference venue:** Hotel/ Conference centre _____

- **Proposed dates/ month of the meeting:**

  Keeping in view the best period for consideration of a salubrious weather and the preceding and the following (if known) ICID meetings

  Meeting duration excluding study tours:

IEC:4-5 days	Dates_____
IEC + Regional Conference: 5-6 days;	Dates_____
IEC + Congress/WIF:: 6-7 days	Dates_____
Regional Conference / Micro Irrigation Symposium / Drainage Workshop: 3-4 days	Dates_____

II. LOGISTIC ARRANGEMENTS

- **Anticipated attendance at the meeting**
  - From the inviting / host country _____
  - From other countries _____
  - From international organizations _____
  - Total _____

7. **Available Conference space**[1] Capacity

(a) Conference Hall (CH) for Opening and Closing Ceremony — CH_____ Persons

(b) Meeting Hall (MH) for holding Regional Working Group, PCTA meetings/Special session/ Workshop — MH 1_____Persons; MH 2_____Persons

(c) Committee Rooms (CR) for holding workbody meetings — CR 1_____Persons; CR 2_____Persons; CR 3_____Persons; CR 4_____Persons

(d) Separate office rooms in the premises of the venue for: (Write 'A' if available, and 'NA' if not available)
  - President, ICID (min 20 sq m) _____
  - Secretary General, ICID(min 20 sq m) _____
  - ICID Secretariat (min 40 sq m) _____
  - Chair/ President National Committee (NC) (min 40 sq m) _____
  - Secretariat of the host NC _____
  - Room with Computers for Chairpersons of WBs _____
  - Interpreters and Translators _____
  - Photocopying facilities _____

(e) Exhibition space (optional) _____

(f) In addition there should be an Accompanying persons room, Waiting lounge for participants and First-aid/medical room

[1] Requirement of Hall capacity (CH) - for IEC (about 300 persons); IEC + Regional Conference (about 500 persons); IEC + Congress (about 1000 persons); Regional Conference/ Micro irrigation Congress: (about 400 persons); Meeting Hall (MH) capacity (60-100 persons); At least 5 Committee rooms (CR) seating capacity of about 30-40 persons.

8. Conference facilities to be provided:

(a) Facility counters for general information, Registration, local visits, study tours, return Journey confirmation counters

(b) National Committees/ Committee mail boxes (in the form of pigeonholes)

(c) Simultaneous interpretation facility in

- the CH for opening and closing ceremony
- the CH for IEC meeting

(d) Facility for audio recording of IEC proceedings (*Proceedings are to be recorded on CDs in MP3 format)*

(e) Quality interpreters (in case of an IEC, two interpreters from French to English and two from English to French – total 4) (Interpreters should *have done interpretation work for similar international technical conferences in the past?)*

(f) For study tours bilingual guides and literature in English and French are *desirable.*

9. Proposed arrangements for stay of delegates.

Provide range of hotel tariffs as below:

Category of Hotel	Tariffs US $ per day	
	From	To
A (5-Star)		
B (4-Star)		
C (3-Star)		
Other cheap accommodation		
(Hotels should preferably be within walking distance from conference venue, as far as possible)		

10. Suggested schedule for issue of Conference/Congress Bulletin

To be issued by dates

- First Bulletin / Announcement _____
- Second Bulletin / Announcement _____
- Final Bulletin / Announcement _____

III FINANCIAL ARRANGEMENTS

11. Anticipated (Estimated) Costs

(i)	Estimated cost of conference facilities	US $ _____
(ii)	Cost of interpretation of conference proceedings and in- session translation of documents, etc.	US $ _____
(iii)	Cost of hospitality (tea, coffee, working lunches, cultural programs (if any) etc, :	US $ _____
(iv)	Cost of hiring exhibition space (if any)	US $ _____
(v)	Any other costs (e.g., cost of conference bulletins etc)	US $ _____
(vi)	Support for participation of ICID Central Office staff[1] and exemption of registration fee for International Organizations	US $ _____
(vii)	Share cost of Registration Fee payable to ICID[2]	US $ _____
(viii)	Cost of organizing technical/study tours	US $ _____
	Total estimated cost	**US $** _____

12. Anticipated Revenue

(a) Proposed registration fees[3] structure

(i) applicable for the members

- Local Delegates US $ _____
- Foreign Delegates US $ _____
- Young Professionals[4] US $ _____
- Retired Professional[5] US $ _____
- Accompanying persons US $ _____

[1] Please see Important Note I, II, and III below

[2] Please see Important Note IV below

[3] Please see important note VI below

[4] Young professionals (below 40 years of age on the date of registration)

[5] Age prescribed is 62 years

(ii) Applicable for the non-members

- Non-member delegates *(fee for non-member delegates could be up to one and a half times)* US $ _____

(iii) Exhibitor's fee (if any) US $ _____

(b) Anticipated total receipts from registration and exhibitor fees US $ _____

(c) Other incomes (such as advertisements etc) US $ _____

(d) Total Revenue from the event US $ _____

13. Raising additional Resources

State in detail how additional resources [(11-(12)] are proposed to be raised *(Additional page can be used)*

14. Authorized representative of the host National Committee

Name and designation _____

Date and Place _____

Signature _____

IV. IMPORTANT NOTES

These notes must be read in conjunction with Article 8 of ICID Constitution and ICID By-law 5

(i) The full lodging, boarding and study tour costs in respect of President, Secretary General and Professionals, ICID are to be borne by the host National Committee. For Congress there will be an additional Central Office professional to be supported. (*Decision taken under item 6 of 41st IEC meeting at Rio de Janeiro in 1990*)

(ii) The President, Secretary General and a Professional from ICID are exempted from registration fee. For Congress/WIF, there will be an additional professional whose registration fee will also be waived.

(iii) One delegate each from international organizations invited by the Central Office on behalf of ICID is to be exempted from payment of registration fee (about 5 delegates from international organizations may be expected).

(iv) A 50% share of registration fees for the Congress, 15% share of registration fees for the IEC meeting (*with or without Regional Conference / WIF*), and 5% share in case of a separate Regional Conference/ Micro irrigation Symposium / Conference will be payable by the host National Committee to ICID and payment will be made to Central Office within 3 months after conclusion of an event. (*Decision taken under item 11 of 60th IEC meeting at New Delhi in 2009*)

(v) In terms of By-laws 5.3 “Representatives and delegates of all member countries are entitled to participate in every Council meeting, Regional Conference and Congress. A National Committee, when extending an invitation for hosting a Congress or a Council meeting in its country, should after consulting its Government, intimate as to the probability of participation of nationals of all participating countries. This will inter alia, be an important consideration in determining the venue of a Congress or a Council meeting”.

(vi) The National Committee should clearly specify whether:

- (a) Local delegates, and registrations provided to sponsors, are charged at full registration fee unless specified,
- (b) Is there a separate registration fee for workshops? (Specify the total fee for all workshops in the table, but specify here the fees for each workshop).
- (c) Is there a special discount for early registration and the dates for closure of early registration?
- (d) Accompanying person’s registration fee should be clearly specified including if this registration fee includes any tours or they are charged separately,
- (e) Is there a refund (*or a percentage there of*) of the Registration Fee if the Registered Delegate, due to genuine circumstances (*like personal ill health, war like situation, terrorism threats, natural calamities etc.*) intends to cancel his participation and seek (*some*) refund?” including the Refund deadline.

(vii) In order to encourage the NCs to share the mutually beneficial information, all NCs have to be provided opportunity to display their material. For the purpose they are to be provided free space of 10 sq m. per NC for display of material.

(viii) Is there a separate fee for technical tours? If so, specify the total fee for all technical tours during the event in the table {i.e. not the post event tour}, but specify the fees per tour.

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Annex 5.1 – FORM B

ICID•CIID

FINANCIAL STATEMENT TO BE SUBMITTED AFTER ICID CONFERENCES / CONGRESSES

Name of the Event: _____

Location: _____

Organized by: _____

Date of the event: _____

A. FOREIGN DELEGATES

Sl. No.	Category	No. of delegates attended	Registration Fee (US Dollars)	Early Registration Discount (US Dollars)	Actual Income (US Dollars)
1	Full Registrations				
2	Young Professionals				
3	Retired Professionals				
4	Sponsored Registrations				
5	Workshop Sessions				
6	Accompanying Persons				
7	Technical Tours				
	Total				

B. LOCAL DELEGATES

Sl. No.	Category	No. of delegates attended	Registration Fee (US Dollars)	Early Registration Discount (US Dollars)	Actual Income (US Dollars)
1	Local Members				
2	Local Non-Members				
3	Retired Professionals				
4	Young Professionals				
5	Workshop Sessions				
6	Technical Tours				
Total					

C. TOTAL INCOME

Total Expected Income=A + B = US $ _____

Share to be remitted to ICID Central Office = US $ _____

Congress -- 50%; International Executive Council (with or without Regional Conference) -- 15; other ICID events – 5%

Balance = US $ _____

Total amount required to host the event = US $ _____

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Annex 6.1
(Para 6.8 of General Summary)

RESEARCH AND TECHNOLOGY TRANSFER PROGRAM
Questions that need to be answered to develop the Program Document

1. Background

- Need for research in IRD,
- the IPTRID: rise and fall of,
- the concept note on the leadership role by ICID,
- decision in 61st IEC in Yogyakarta

2. The New Program

- Why we need a new program,
- what purpose will it serve,
- what are its objectives,
- what will it do,
- whom will it serve,
- how should it be branded

3. Program Mechanism: the Collaborative Network

- Who will carry out the research,
- how will the research be carried out,
- how technology transfer will be materialised,
- who will be the collaborators (Nodes) and partners,
- how will the nodes be selected,
- how the programs, activities and outputs of nodes be streamlined

4. Governance and Management

- Who will do what,
- how will the network be extended,
- how will the collaboration and coordination undertaken among the nodes,
- how will ICID management provide the leadership,
- how will the quality of program outputs maintained,

5. Time lines

- What goals will be achieved
- through which activities, and in
- what time frame,

6. Financial Arrangements

- How the funding of individual nodes would be accomplished,
- what funding will the nodes be able to generate of their own,
- how ICID could support the efforts of the individual nodes to raise financial resources

7. Logical framework

- How will various objectives met and through what means,
- what are the risks in implementation of the programme,
- how these risks are proposed to be mitigated

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Annex 10.1
(Para 10.1 of General Summary)

STRATEGY THEME "SYSTEMS" – A DISCUSSION DOCUMENT

Dr. Gerhard R. Backeberg (Theme Leader)
Vice President, ICID
Director, Water Research Commission, South Africa

BACKGROUND

The International Commission on Irrigation and Drainage (ICID) was established as a scientific, technical and voluntary not-for-profit non-governmental international organisation. The Commission is dedicated to enhancing the worldwide supply of food and fibre for all people by improving water and land management and the productivity of irrigated and drained lands through appropriate management of water, environment and application of irrigation, drainage and flood management techniques. The Mission of ICID is to stimulate and promote the development and application of the arts, sciences and techniques of engineering, agriculture, economics, ecological and social sciences in managing water and land resources for irrigation, drainage and floods, including research and development and capacity building for achieving sustainable irrigated agriculture.

The technical activities of ICID are organised under four Strategy Themes, namely Basin, Systems, On-farm and Knowledge. The topics to be addressed under each theme are as follows (Labhsetwar, 2012):

1 Basin: (a) Policy/planning framework, economic and legal issues, institutional aspects; (b) Water and soil resources management, environment, sustainable development.

2 Systems: (a) Project management, traditional social structure, user participation, financial aspects; (b) Design, construction, rehabilitation, modernisation, regulation of collective systems.

3 On-Farm: (a) Irrigation management and techniques on farm; (b) Drainage management and techniques on farm and in the catchment

4 Knowledge: (a) Training, research, technology transfer, publications; (b) Flood management.

The duties and responsibilities of Theme Leaders are governed by ICID By-Law 3.1.3 which involve (1) "Coordinating the activities of the Workbodies coming within the ambit of the assigned strategy theme; (2) Suggesting to PCTA new items of work that may be taken up by the existing Workbodies; (3) Suggesting formation of new Workbodies to study the hitherto uncovered aspects/issues relating to the particular strategy theme; and (4) Recommending to PCTA inter- Workbody mechanisms on aspects/issues requiring joint study, and to facilitate such co-operations".

In an e-mail dated 25 April 2012, the author of this discussion document was requested by the Secretary General of ICID to perform responsibilities as Theme Leader and to prepare a presentation with the following terms of reference: (1) appraisal of gaps; and (2) vision and future direction for the Strategy Theme "Systems". This responsibility was accepted with full awareness that no time was available to consult with Chairpersons of Workbodies resorting under this Theme, neither will it be possible to interact with Workbody members during the meetings in Adelaide, Australia from 24 to 26 June 2012, due to parallel meetings of most Working Groups and Task Forces. This assessment is therefore compiled as a basis for discussion and refinement over the next three years.

1. Introduction

On the home page of the ICID website there are two prominent statements that encapsulate the core of the Mission: "Managing water for sustainable agriculture" and "Water for food and rural development". In these two sentences practitioners of different disciplines such as engineering, hydrology, pedology, agronomy, meteorology, economy and sociology find justification for their participation. Contributions are made by individuals affiliated to universities, science councils, government departments and private companies. Within ICID these individuals and groups network through national committees (NCs), Workbodies (WBs), Technical Committees (TCs) and of course the International Executive Council (IEC).

Three words should be highlighted, namely water, management and agriculture: The key question is then who manages water and for whom is food produced? Instead of an inward focus on the practitioners of the disciplines (researchers, extensionists, advisors, lecturers, etc.) it is most important to have an outward focus on farmers and consumers, i.e. the people who should benefit from technical activities. The focus on these people as the main target groups or clients is essential to obtain and maintain relevance.

For this purpose a number of definitions are informative in relation to the Mission of ICID and the technical activities within the Strategy Themes: First, agriculture is an activity of people (within the food value chain) which is undertaken purposefully through crop cultivation and animal husbandry with available resources of land (water & soil), capital, labour and management (Spedding, 1988). Second, the modern understanding of development is a process of social learning involving participation of all people (Wetmore and Theron, 1998).Third, strategy involves setting objectives/goals, determining a course of action and allocating resources (expertise, time, funds) (Ferreira in Backeberg & Sanewe, 2006). Fourth, a system is a complex whole, consisting of interrelated sub-systems and components that are goal directed and interact with each other and the environment within a conceptual boundary (Backeberg and Oosthuizen, 1995; Backeberg, 2000). Fifth, management is getting things done with people.

It is also important to briefly mention that according to later developments of Complex Adaptive Systems (CAS), both multiple interacting agents (in this context farmers, water managers, officials, etc.) and systems are adaptive, giving them resilience and self-organisation (Pollard et al. 2011). These definitions assist with correctly placing the Strategy Themes of ICID within the water system and enabling a focus on the people or agents that should be served (See Figure 1).While the Strategy Themes Basin, Systems and On-farm clearly reside within a specific sub-system of the Water System, it is reasonable to argue that the Strategy Theme Knowledge is cross-cutting for any particular water system, country and society.

2. Appraisal and gaps

The following Technical Workbodies of ICID have been allocated under the Strategy Theme “Systems”. With reference to the Minutes of the 62nd Meeting of the IEC and pre-council meetings of Workbodies in Tehran, Iran from 16 – 22 October 2011 (ICID, 2011), only the first three Working Groups are explicitly recorded as resorting within this specific Strategy Theme:

(1) Working group on modernisation of irrigation services (WG-MIS) - Mandate: To provide a continuing focus in ICID for sustainable improvement of irrigation service delivery through progressive modernisation of infrastructure, management and organisation;

(2) Working group on drainage (WG-DRG) - Mandate: (a)To promote drainage as part of integrated water resources management; and (b) To promote sustainable approaches for drainage and related project through a balanced integration of (1) environmental, (2) economic, and (3) social and cultural aspects;

(3) Working group o n water saving for agriculture (WG-WATS) - Mandate:: To recognise proven water saving success and too identify and promote successful water conservation;

(4) Working group on role of irrigation in poverty alleviation and livelihoods (WG-POVERTY) --Mandate: (a) To synthesize specific knowledge and experience from the irrigation sector, too design pro-poor actions in a wider understanding of irrigation along the whole rainfed-irrigated continuum (agriculture water management); (b) To investigate technical solutions that work within a clearly defined socioeconomic context, so that they can be mobilised in a case specific approach, etc.;

(5) Working group on millennium m development goals (WG-MDG) - Mandate: (a) To promote the production of rigorous (or credible) evidence of the impact of agricultural water management investments on the MDG 1 goals of reducing poverty and malnutrition, and other MDG-related social development outcomes (e.g. health and education); (b) To promote the identification off cost effective means of ensuring the maximum and equitable realisation of the benefits from agricultural water management investments;

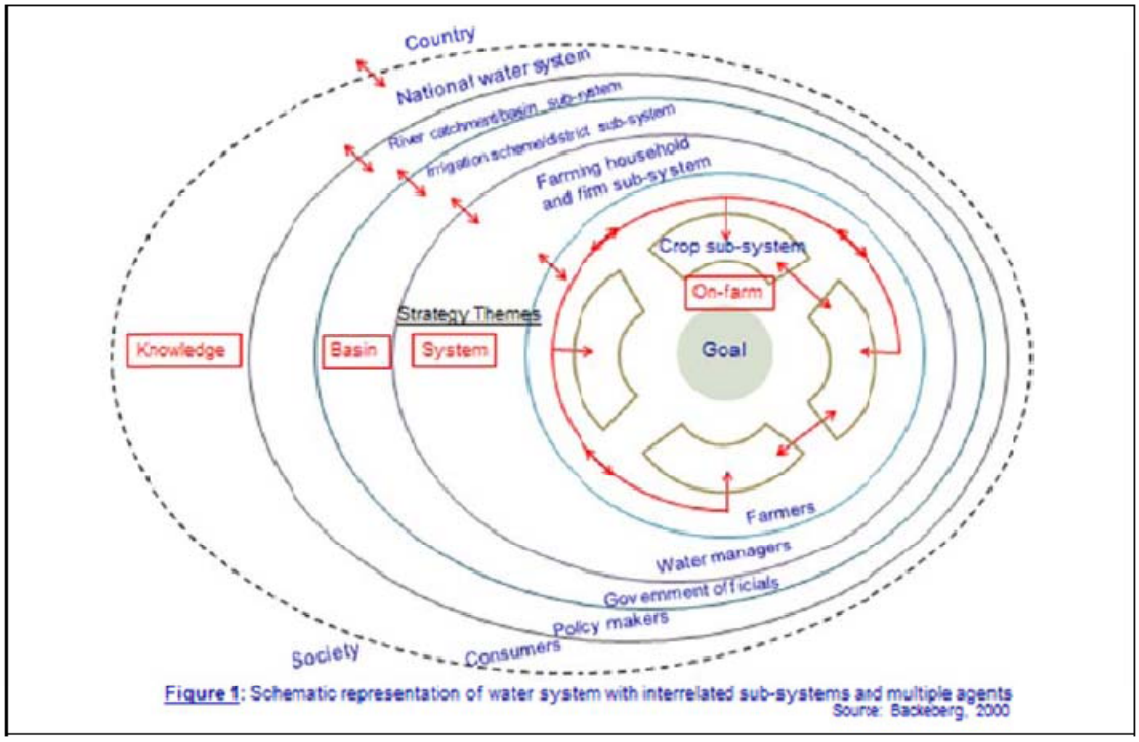

Figure 1: Schematic representation of water system with interrelated sub-systems and multiple agents
Source: Backeberg, 2000

(6) Task force on financing water for agriculture (TF-FIN) - Mandate: The focus of the TF will be too get a better understanding and insight (assessment) of (ii) the required investments and beneficiaries of those investments in agricultural water; (ii) the presently available financing mechanisms and constraints for maintaining physical irrigation capacity, etc.;

(7) Task force on water for bio-energy and food (TF-ENERGY) - Terms of Reference: Evolve “ICID’s position on water for bio-energy and food”;

(8) Task force on sedimentation of reservoirs (TF-SEDIMENTATION) - Terms of Reference: To look into the aspects of sedimentation of reservoirs and to come up with recommendations for appropriate strategies.

Based on the subject and mandate of the Working Groups and Task Forces, as well as the thinking underlying the systems approach, the Workbodies are provisionally classified as follows:

(1) Theme “Systems ”: WG-MIS; WG-DRG; WG-WATS; TF-FIN

(2) Theme “On-farm””: WG-POVERTY

(3) Theme “Basin”: TF-ENERGY; TF-SEDIMENTATION

(4) Theme “Knowledge”: WG-MDG

Accordingly only four of the eight Workbodies meet the strict requirements of being classified under “Systems”, understood to mean relating to some aspect of management of an irrigation scheme or district or alternatively irrigation project management. Furthermore, the appraisal of the Workbodies is summarised in Table 1:

Table 1: Appraisal of Technical Workbodies of the Strategy Theme "Systems" of ICID according to key variables of a strategy

Workbody / Criteria	Objectives/ goals	Course of action		Allocation of resources	
		Workplan	Activities	Participation	Reporting
WG-MIS	Focussed	2007-2012	Occasional	Members(-) Representation (+)	Publication of experiences expected
WG-DRG	Focussed	1983-2013	Regular Country presentation plus Int WS	Members/ Representation	Database on drained area Final?
WG-WAT	Focussed	1994-2013	Occasional	Members(-) Representation (+)	Book on WatSave Awards Final?
WG-POV	Wide-ranging	2008-2013	Occasional	Members	ICID Position paper
WG-MDG	Focussed	2011-2015	Start-up	To be nominated	Not determined
TF-FIN	Wide-ranging	2007-2012	Occasional	Members(-) Representation (+)	Report of WS papers
TF-BIO	Wide-ranging	2009-2013	Occasional	Members(-) Representation (+)	ICID Position paper
TF-SED	Focussed	2009-	Occasional	To be nominated	Not determined

The criteria or key variables for this appraisal are derived from the content of a strategy: These are (a) objectives, as determined in the mandate; (b) course of action, as determined by the workplan and activities; and (c) allocation of resources, as determined by participation and reporting of members. This assessment and appraisal was mainly based on the Minutes of the last meetings held in Iran in October 2011, combined with personal observations and experience over the last four to five years. It is clearly a subjective judgment with available information and therefore important to emphasize again that it is considered as a framework for discussion, refinement and improvement, if so required. The meaning of this appraisal will become evident if the gap analysis is explained.

This gap analysis indicates that 5 of 8 Workbodies have clear and focused objectives/goals, consisting of one or two sentences. In the other 3 cases, the objectives/goals are of course formulated but quite wide-ranging and therefore more complex and possibly difficult to achieve. All Workbodies have a workplan, mostly starting in the last three to five years, with two exceptions, where beginning of activities dates back to 1983 and 1994 respectively. More concerning is that 7 of 8 Workbody members are occasionally active. Although meetings are held, there are no regular, i.e. annual workshops and/or presentations in accordance with the mandate. This regular activity is made more difficult by the fact that for the majority of 5 out of 8 Workbodies, members are not participating themselves but are represented, while for 2 Workbodies, members still have to be nominated (in one case three years after the start-up meeting). These two aspects, occasional activity (in the sense of no contributions in workshop mode) and mixed participation (by both members and representatives) probably prevent effective functioning of Workbodies. The eventual output, where activities are formally concluded, is also compromised by divergent ways of reporting, lack of clarity or undetermined format and content of document to close Workbody activities. Overall the impression is that the performance of Workbodies is not fully supporting the Mission of ICID, i.e. the reason why ICID exists.

The actual experience of the TF-FIN is a good illustration of the current relative ineffective operation: Between 2007 and 2008 no formal activity had taken place and all members had not been nominated or confirmed even up to 2011. Although workshops within the workplan, with specific themes and guidelines were planned and organised for 2009, 2010, 2011 and 2012, contributions were only made by 50% or less of members and representatives in 2009 and 2010 and had to be postponed in 2011, due to lack of interest and input by the majority of mostly inactive members. For the final workshop in 2012, only 2 out of 8 members and representatives had confirmed their participation by the target date of end March 2012.Consequently the initially conceptualised report with a comprehensive structure had to be downscaled to a report with a collection of available papers presented during the workshops. The findings of the Task Force are therefore unfortunately inconclusive but continued activity cannot be justified.

3. Vision and future direction

For the ICID Strategy Themes it is advisable that the allocation of Working Groups and Task Forces be reconsidered within the conceptual framework of Complex Adaptive Systems. This should be explicitly guided by the currently accepted content of the Strategy Theme and contributions to be made in support of the Mission of ICID. On reflection, the purpose of a Working Group is mainly sharing of knowledge and experience by member countries. For Task Forces, contributions are made on a specific subject and to accomplish a task by member countries. In first case the subject has to be relevant to the vision and mission of ICID, while similarly in the second case the interests of ICID as an organisation have to be promoted. In both cases participation is by individuals who are nominated and represent the member countries of ICID. This combination of individuals from member countries is arguably both a major strength of ICID but potentially also a debilitating weakness for performance of technical activities. The requirement for effective and successful functioning of Workbodies is therefore active involvement and participation of individuals nominated by member countries through their NCs and appointed according to the By-Laws of ICID. Responsibilities clearly rest with both the individual and the member country NC, in equal proportions.

Effective implementation of the Strategy Theme “Systems” (and all other strategy themes for that matter), must ensure strict adherence to the Workbody mandate, workplan, activities and reporting by participation of member country NCs and individuals representing the NC. The mode of operation of workshop to workshop within the workplan versus meeting to meeting, should be preferred. These are after all working groups and not sitting or talking groups. In a similar way, the mandate of Workbodies should be completed by conclusion of activities with a report, rather than re-invention and indeterminate continuation of activities.

The proposal for the future direction of existing Workbodies is therefore as follows: First, the activities of WG-MIS, WG-DRG, WG-WAT, WG-POV and TF-FIN should be concluded according to the mandate and workplan. Second, the TF-ENERGY and TF-SEDIMENTATION should be transferred to the Strategy Theme “Basin”. Given the high priority and actuality of the topic of water use by crops for bio-fuels, it is advisable to consider extension of the workplan of the TF-ENERGY, but with clear targets for reporting. Similarly, the WG-MDG should be transferred to the Strategy Theme “Knowledge”. Third, urgent attention should be given to activate NCs and nominate representatives to actively participate and contribute in the TF-SEDIMENTATION and WG-MDG.

Regarding the direction of new Workbodies, the proposal is to initiate Working Groups within a renamed Strategy Theme (see Conclusion) with an explicit focus on water management: (1) Irrigation management according to the Water Balance Approach – Attention should be given to a common understanding and application of “consumptive” and “non-consumptive” water use, with beneficial and non-beneficial irrigation on the one side, and recoverable and non-recoverable drainage on the other (Perry, 2007).The intention should clearly be to optimise consumptive, beneficial use as well as non-consumptive, recoverable use. (2) Irrigation water loss control – With increasing competition for water, eliminating or at least reducing water losses on distribution networks such as irrigation schemes, is a low cost target that can be achieved over a relative short period, compared to construction of a new storage capacity to increase water supply. This type of effective water saving is mainly dependent on innovative management and application of innovative technologies.(3) Irrigation rehabilitation/ revitalisation/ modernisation – Although terminology has changed over the last 25 years, the focus is still the same: Improved water management on irrigation projects with attention on appropriate technology, representative organisation and cost-effective service delivery. (4) Irrigation development and management of Water User Associations (WUAs) – With transfer of responsibility for water management to a local level, more attention has to be given to cost recovery of the service provided for water distribution. At the same time it is important to balance the budget, requiring detail analysis of the source and application of funds. In turn this makes user-based performance assessments essential and to identify irrigation performance indicators (Small & Svendsen, 1990).In all these instances, representatives of member countries of ICID will surely benefit by documenting the current state, recording progress, exchanging experiences and debating lessons learnt through participation in Workbody activities.

4. Conclusion

In order to consolidate the Strategy Theme “Systems”, leadership and decisive action is required. Essentially leadership involves defining reality and creating a new reality (Senge, 1998).When developing and re-establishing a strategy, leadership involves specifying the direction (goals, action plans, allocation of resources) which provide the basis for trade-offs and the ability or conviction not to consider options which are deviating from the strategy (Porter,

2008).For ICID, both top-down and bottom-up interaction is necessary. The policy and strategy is set by the IEC, operations and reporting are managed by the PCTA, active participation and contribution depends on members of Workbodies, while responsive and co-operative NCs nominate the expert individuals from member countries, and vice versa. Without any doubt, the inputs and benefits of Working Groups and Task Forces (past and present) through networking and co-learning must be appreciated.

However, it is equally important to debate the relevance and description of the Strategy Themes. In this regard it is recommended, first to change the terms “Systems” to “Projects” or “Irrigation Schemes”. Second, all persons involved must make an effort to improve the effective operation of Workbodies, through regular contribution by members. Third, this requires the re-enforcement of the responsibility of NCs and Workbody representatives. There are definite incentives for participation, which have to be recognised, appreciated and promoted. Apart from routinely attending to meeting agendas and minutes, more emphasis should be given to workshop presentations, papers and publications and the related discussions between member country representatives and participants. This can only be done by adhering to Workbody mandates, workplans, activities and reporting. Apart from discipline and hard work, creativity and enthusiasm for the work or task to be attended to, should also generate energy and vibrancy for the activity of team members.

Finally, the proposed action plan for the renamed Strategy Theme “Projects” is briefly: 2012-2013: Conclude existing Workbody activities and re-organise Workbodies within the Complex Adaptive Water System to achieve renewed focus. 2013-2014: Discuss and obtain agreement on the priority issues to initiate new Workbodies to maintain relevance for water management according to the Strategy Theme. The challenge will be to obtain participation by NCs and contributions from nominated Workbody members. This has to lead to the establishment of the mandate with objectives/goals, course of action and expected output. 2014- and onwards: Systematically review progress and adjust to maintain focus, relevance and achieve success.

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Annex 12.1
(Para 12.1 and 12.3 of General Summary)

Summary Report on WATSAVE AWARDS
By PH Chandra Madramootoo

PH Chandra Madramootoo (Canada) announced that this year there were only two awards viz. Technology and Innovative Water Management. PH Chandra informed that the Technology Award 2012 went to Prof. Peng Shizhang (China) for the technology that he has developed in the area of controlled rice irrigation. Prof. Shizhang had applied his technology in the field of State Key Laboratory of Hydrology-Water Resources and Hydraulic Engineering in Hohai. Seepage and water use of paddy field under controlled irrigation were decreased by 36% to 38% compared with traditional irrigation schemes. Cumulatively 120 million m^3 of water was saved due to the application of controlled irrigation rice. This technology was applied on some 33,300 ha of irrigated rice lands in Jiangsu Province. PH Chandra then moved to Innovative Water Management Award and announced that the award went for the Northern Victoria Irrigation Renewal Project (NVIRP). The project is a very broad and compensate project in Northern Victoria which covers some rehabilitation of about 6,300 km irrigation canals and also improvement of controlled structures. Rubicon gave channel lining and between 2008 to now, water savings have been realized mainly from the main trunk 'backbone' works, where around 3000 km of main channel have been modernized with automatic SCADA controlled regulators, new mag meters and a channel

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Summary Report on AWARD FOR THE BEST PAPER
IN THE ICID JOURNAL "IRRIGATION AND JOURNAL"
By PH Bart Schultz

PH Bart Schultz (The Netherlands) informed that Wiley sponsored the Best Paper Award of either US$500 or US$800. The criteria set for this prize are that the paper is innovative and scientifically sound and contributes to better understanding the development and management of irrigation, drainage and flood controls systems and is well written. In 2011, there were five regular issues and one sponsored special issues (in total 82 papers). The best paper was selected by the panel consisting of Chairman of the Editorial Board, Joint Editors and Associate Editors. Out of the 82 papers, one paper was ranked significantly higher than the other. The paper that has been selected for the best paper for the year 2011 gives "An overview of irrigation mosaics". The paper states that discrete patches of irrigated land dispersed across the landscape, may offer an alternative to traditional large-scale continuous irrigation systems. This might be particularly attractive as a means of delivering improved social and economic opportunities for some rural and remote communities as well as better matching land use opportunities with landscape properties. The long-term environmental impacts of irrigation mosaics that may impair the sustainability of an irrigation scheme and the surrounding area are still largely unknown. However, there are findings from ecological and hydrological studies of other mosaics that can help with analysis of irrigation mosaics. The paper provides an overview of some biophysical aspects of irrigation mosaics, lessons learnt from other mosaics for example - landscape and farming system mosaics and the potential environmental impacts of irrigation mosaics. Application of some tools for particular groundwater conditions indicates some of these impacts compared to the traditional large-scale systems. Irrigation mosaics could have both negative more evaporation and water use, increased operational losses and costs and positive filtering surplus nutrients, enhanced biodiversity, preventing erosion, reduced area of impact around the irrigated area, lower water-table rise effects on the environment. These potential impacts needs careful analysis and the set criteria in terms of size, shape, density, connectivity and spatial arrangements together with economic analysis need to be established to ensure irrigation mosaics are designed and managed in harmony with landscape. These designs criteria are needed if irrigation mosaics can be considered as possible irrigation option. The Jury made the following remarks - the paper is sure for innovative, inventive, noble, rigorous and theoretical interesting; the paper is scientifically sound and the paper is clearly written and jury wishes lot of success with further development and implementation of the method. Therefore, the winning paper for the Wiley Blackwell Award 2012 is "An overview of irrigation mosaics" by Zehra Paydar, Freeman Cook, Freeman Cook, Emmanuel Xevi, and Keith Bristow.

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APPENDICES TO GENERAL SUMMARY

APPENDIX I [IEC item 4]
(Para 4.1 of General Summary)

Minutes of the Thirty Third Meeting of the
PERMANENT FINANCE COMMITTEE (PFC)
25 June 2012: 11.00-12.30 hours (Session - I)
25 June 2012: 13.30-15.00 hours (Session - II)
Adelaide, Australia

Members: (1) Vice President Hon. Dr. Saeed Nairizi, Chairman (Iran, 2006); (2) Dr. James Ayars, Vice Chairman (USA, 2007) represented by Mr. Mark Svendsen; (3) Mr. Akira Nakazawa (Japan, 2009); (4) President Hon. Prof. dr. Bart Schultz (The Netherlands, 2011); (5) Mr. Ian Atkinson (Australia, 2011); (6) Mr. Hao Zhao (China, 2012);(7) Ms. Serpil Koylu Dalgin (Turkey, 2012); (8) Mr. Sergy N Gurjavech (Russia, 2012), and (9) Mr. Avinash C. Tyagi, Secretary General, ICID.

Observers:(1) President Dr. Gao Zhanyi; (2) Mr. Francois Brelle; (3) Mr. Shinkusa Ota; (4) Mr. Kazumi Morinaga; (5) Mr. Mark Deuter

Item 1 : Review of the membership

The Permanent Finance Committee considered the membership proposal and recommended for:

(i) Ms. Serpil Koylu Dalgin from the Turkish National Committee, as a new members,
(ii) Mr. Sergy N Gurjavech from the Russian National Committee, also as new members and
(iii) Mr. Hao Zhao from the Chinese National Committee (CNCID) to replace Dr. Gao Zhanyi

The Committee noted that VPH Dr. Saeed Nairizi, Chairman and Mr. Syed Raghib Abbass Shah (Pakistan), member of the Committee are completing their six-year term this year.

Item 2 : To consider the position of arrears of annual subscription and consequential remedial action

2.1 NCs declared Deemed inactive

The Permanent Finance Committee noted that the NCs of Guyana, Israel, Myanmar, Nigeria, Uruguay and Serbia have been declared deemed inactive with effect from 1st January 2012 as per the decision during 62nd IEC. However, as a result of efforts made by CO, the National Committees of Morocco and Sri Lanka, deemed inactive have shown their interest to revive their membership by paying their subscription for 2012 and part of outstanding dues.

2.2 NCs in current Arrears

PFC noted that a total of 11 active National Committees are in arrears of subscription of these 6 were in arrears of balance of two years or more: Afghanistan (2010 and 2011); Lithuania (2010 and 2011); Brazil (2010 and 2011); Greece (2008, 2009 and 2011); Kazakhstan (2009, 2010 and 2011); Syria (2009, 2010 and 2011).

The Committee under By-law 13 debarred three National Committees (Afghanistan, Brazil and Lithuania) from holding office – whether as Office Bearer or as a member of a workbody - until such time as the arrears are paid. PFC also recommends declaring the NCs of Greece, Kazakhstan as deemed inactive from 1 January 2013 if their dues are not cleared by 31 December 2012.

The Committee noted that in case of NC of Syria, a letter from the Minister of Irrigation of Syria, who is also the chairman of the NC, has been received expressing difficulties in remitting money outside the country due to prevailing conditions and has expressed his willingness to pay the outstanding dues as soon as the situation improves. PFC therefore decided not to apply by-law 13 to Syria as a special case and give them time upto December 2013 to clear their arrears.

Item 3 : To review financial proposals for the forthcoming ICID events

In accordance with the ICID By-law 5,the Turkish National Committee (TUCID) and Korean National Committee (KCID) were invited to present the financial proposal for the events they had offered to host to enable IEC to approve the financial proposals duly including the fee to be charged and other arrangements.

Ms Dalgin, representing the Turkish National Committee (TUCID) made a Powerpoint presentation on the logistic arrangements available for the **64th IEC Meeting and 8th Asian Regional Conference, October 2013, Mardin, Turkey** along with the proposed fee structure of 900 US$ for each participants with an early bird concession up to 1st June of 700 US$. The proposed structure also included a fifty percent concession for the Young Professionals. PFC requested TUCID to submit the Performa to be filled in for the approval of financial arrangements for the 64th IEC/ 8th ARC as is required for PFC and IEC to take a final decision and approve the organization of the event. Ms Dalgin informed that the number of participants projected in the estimation was based on the assumption that it will be a normal IEC meeting combined with the 8th ARC. On the enquiry Ms Dalgin informed that a maximum of 500 participants could be accommodated in various hotels and venues. It was also informed that there was only one flight daily between Istanbul and Mardin, which was a matter of grave concern. (The Chairman of TUCID confirmed there are 3 flights a day between Istanbul and Mardin, and addition flight can be arranged for ICID event)

There was a discussion on the registration fee for the ICID events and the current business model for the ICID events. A concern was raised by members on the rising registration fee for the ICID events, which made it difficult for the participants from the developing countries to attend these meetings. Mr. Ian Atkinson from AUCID made the point that it is unreasonable to expect that the registration fee could remain static while the costs of all other inputs were constantly on the rise. He argued that if ICID insisted on putting a cap on the registration fee, then it would mean that the ICID events could not be made financially viable unless they were subsidized through either sponsorship of through Government funding. That would mean that the ICID events in future would be confined to countries where the governments are able to subsidize the events.

After detailed discussions PFC requested TUCID to make the final submission of their financial proposal in the required proforma before the IEC meeting, i.e., by 27th June and also to consider reduction of the registration fee to a maximum of 800 US$ so that IEC could approve the organization of the 64th IEC Meeting and 8th Asian Regional Conference, October 2013, Mardin, Turkey.

Mr. (Please contact with KCID to confirm the name)…… representing the Korean National Committee, also made a Powerpoint presentation on the logistic arrangements available at, the venue for the **22nd Congress and 65thIEC meeting proposed to be organized from 14 to 20 Sept 2014 in Gwangjou Metropolitan City, Korea**. The presentation while making an overall costing estimate for the event did not propose any fee structure for the event. The KCID representative agreed to keep the maximum registration fee capped at 800 US$. PFC requested KCID to provide the detailed information as required in the proforma that was already sent to them by CO (and a copy also handed to the representative of KCID during the meeting) so that IEC could take the decision and approve the organization of 22nd Congress and 65th IEC meeting in Gwangjou, Korea in October 2014.

Mr. Ian Atkinson, representing the AUCID and IAL made a presentation updating the Committee on the number of participants registered for the current **63rd IEC and 7th ARC meeting**. He informed the Committee of the financial situation.

Item 4 : To review the financial status of the recently held ICID events

The Committee appreciated the following financial contributions made by the organizers towards the budget of ICID, during the financial year 2011-12 for the events as listed below:

Event	Dates	Place	National Committee	Amount Contributed
24th European Regional Conference (5%)	14-16 March 2011	Orleans, France	AFEID	2,380 Euros
25th European Regional Conference (5%)	16-20 May2011	Groningen, The Netherlands	NETHCID	960 Euros
62nd IEC Meeting and 21stCongress (50%)	15-23 October 2011	Tehran, Iran	IRNCID	100,000 US$
3rd African Regional Conference	29 Nov - 5 Dec 2011	Bamako, Mali	AMID	4,285 US$

Item 5 : To discuss and recommend to IEC the audited Accounts for the year 2011-12

PFC considered the report of the Auditors M/s Raghunath Rai and Company for the financial year (*1 April 2011 to 31 March 2012*) is provided in **Annex to Appendix I)**.

While discussing the report it was recommended that the Dictionary Fund, which was created long time back and is used for the revision of Multilingual Technical Dictionary (MTD) and any other related expenses, may be merged with the General Fund.

Item 6 : Forecast for the current financial year 2012-13

Based on the presentation made by the Secretary General, the Committee recommended the proposed revised budget forecast for the financial year 2012-13 as shown in **Annex R1.1**.Taking into account the total receipt of about ₹ 31.1 million and a total payment of ₹ 34.26million, a deficit of ₹ 5.1 million is anticipated as on 31 March 2013. The Committee was informed the efforts being made to improve the functioning of the CO through outsourcing certain services and keeping the number of staff at the same level without recruiting new hands.

Item 7 : To consider and recommend to IEC the budget for the financial year 2013-14 and preliminary budgets for years 2014-15 and 2015-16

The Committee considered the preliminary budget for the subsequent two Financial Years 2014-15 and 2015-16 as presented in **Annex R1.1** and recommends that IEC may approve the Budget as proposed therein. The Committee was informed that the projected income from leasing out the CO building on hire was based on the estimates made prior to the Tehran meeting in 2011 and the new estimates will be made under the guidance of the Oversight Committee recently established by MB to look into the issue of leasing out the CO building and restoration of the old parts of the CO building.

Item 8 : Review of the Draft Guidelines for administering Direct Membership as proposed in the amended ICID Constitution

Based on the work of the Review Committee on Broadbasing under the chairmanship of VPH Felix Reinders, and the Special Committee established by IEC at its 62nd meeting the proposed Draft Guidelines for administering the Direct Membership were discussed.

The Committee noted that the proposed fee structure proposed was financially attractive to the potential members and at the same time brings additional revenue to the ICID family as a whole, be they the organizers of ICID events or the Central Office. The proposed membership categories and fee structure is given in **Annex R3.3**. It was clarified that the International Organizations such as FAO and the World Bank, if interested, could become members within the categories of “Institutions”.

PFC while recommending the proposed categories recommends that the fee structure and categories as presented in the table of Annex 2 should form part of the Annexure to the by-laws, with a clear provision that these categories and rates could be regularly reviewed by the PFC and brought before the IEC for approval without resorting to the procedures of amendments to by-laws.

The Committee while considering the procedure admitting the Direct Members agreed that the applications received from the potential direct members would be required to submit the desired information in prescribed forms that would determine their eligibility or otherwise would be provisionally approved through correspondence by a sub-committee constituted under the PFC, before bringing it for the ratification by the IEC at its annual meeting. will be The Committee noted that as per the procedure the membership of the applicants from the countries that either do not have a NC or where the NC are deemed to be inactive, the provisional membership would be immediately granted subject to fulfillment of other conditions as laid down in the application forms. However, in case a NC exist, there could be two possibilities. In the first case, the NC may not have provision within its constitution to include such companies, institutions or individuals. In such a situation, the NC will be requested to provide a no objection within a specified period of 30 days, after which the applicant will be provided provisional membership. In case the Constitution of NC has provision to admit the applicant, the NC would be requested to provide its consent for admitting the applicant. In case the NC does not give its consent, the application will be rejected.

PFC recommended the procedure as it is laid in the Guidelines and provided in the proposed amendments to the constitution and by-laws, with the suggestion that the sub-committee (of max 4 persons) under the PFC should incorporate one member from PCSO.

Item 9 : Appointment of the external Auditors for the period 2012-2015

PFC noted that as per the ICID Constitution Art 7.3.6, the accounts of ICID shall be audited regularly in a manner to be determined by the Council. The By-laws however, fail to describe the manner in which the Auditor has to be appointed or Audit has to be conducted. The Committee noted that the current Auditor M/s Raghu Nath Rai and Sons has continued to Audit the accounts of ICID since 1968.

The Committee considered the procedure adopted by the Secretary General for the appointment of Auditor for the next 3 years by calling upon the interested parties to submit their interest and offer for performing Statutory Audit as required under the Societies Act. Based on the seven proposals received and the evaluation of the competency of the bidders and the assessment made by the Secretary General, PFC recommends that M/s Sunil Goel and Associates may be appointed Auditors for three financial years starting 2012-13.

Based on the good accounting practices PFC recommends that suitable amendments (additions) to the By-laws may be made in the broader interest of the Transparency in the financial transactions. For the purpose the Committee recommends that IEC may set up a Special Committee to look into the proposed amendments to the by-laws.

Item 10 : Consideration for the policy on "Contribution of ICID events: Congress, conferences, regional conferences and workshops, to the ICID Budget"

PFC noted that during the years IEC has taken a number of decisions regarding the financial arrangements concerning the ICID events such as Congresses, Conferences, IEC meetings, Symposiums and Workshops organized under the banner of ICID and using its logo. In order for the organizers of the events to get a clearer picture of the financial requirements and obligations, it is desirable that these decisions are included within the by-laws of ICID. The Committee therefore recommend to the IEC to establish a Special Committee, as also suggested under item 9, for bringing these decisions under the By-laws.

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Annex to Appendix I

AUDIT REPORT FOR THE YEAR ENDING 31 MARCH 2012

RAGHU NATH RAI & CO.
Chartered Accountants

International Executive Council
International Commission on
Irrigation and Drainage
48 Nyaya Marg
Chanakyapuri
New Delhi 110 021

Dear Sir,

We have carried out the audit of the accounts of the Commission for the year ending 31st March 2012.In this connection, we have to report as under:

1. Receipts and payment account for the year under report has been checked with the cash book, vouchers, bank statements of accounts and the other records. We have also verified by test check that the payments are within the authority of the respective officers.
2. The Balance Sheet and Income & Expenditure Account have been prepared after incorporating certain provisions which have been made in the accounts with regard to the amounts payable, amounts recoverable, estimated realizable value of stock of publications in hand. These provisions have been estimated by the AACO have been relied upon by us.
3. These accounts do not incorporate the entries in respect of Provident Fund for which separate accounts are prepared.
4. We have compared the receipts and expenses with the budgeted provisions. There are some variations between the budgeted amount and the actual.
5. Foreign currency in the foreign currency accounts with HSBC Bank plc., London and Canara Bank, New Delhi, India has been converted at budgeted rate of exchange and incorporated in these accounts.
6. Subscription and publication due for more than 6 years amounts to Nil.

Subject to the above, Balance Sheet, Income & Expenditure Account and the Receipts and Payments Account are correct in accordance with the books and vouchers produced before us and as per the information and explanations given to us and upon which we have relied.

Yours faithfully,
For Raghu Nath Rai & Co.
Chartered Accountants
FRN.000451N

Partner
(PREM PRAKASH)
Membership No. 7648

New Delhi
Dated:21 May 2012

Annex to Appendix I (Contd…)

INTERNATONAL COMMISSION ON IRRIGATION AND DRAINAGE
RECEIPTS AND PAYMENTS ACCOUNT
For the period from 1st April 2011 to 31st March 2012

	2011-12	2010-11
	Rs	Rs.
RECEIPTS		
Balance B/F		
Cash at Bank	33 490 207	33 709 622
Membership Subscription	8 503 770	10 807 667
Publications	719 842	979 233
Conference Support	4 607 192	987 570
Interest	1 276 044	976 918
Grant	263 956	450 000
Others	4 812 552	736 309
Let out Property	10 015 248	9 726 729
Total	**63 688 811**	**58 374 048**
PAYMENTS		
Salaries and Retirement Dues	16 321 844	19,309 182
Service and Maintenance	2 453 239	2,504 919
Property Tax and Utilities	3 811 766	427 212
Rehabilitation & refurnishing	173 152	-
Printing and Distribution	2 220 331	2 138 458
Conference Expenditure	1 055 904	52 319
Travelling Expenses	1 614 475	358 112
Grants utilized	786 149	46 639
Subscription to other organisation	48 960	-
Others	1 013 523	47 000
Balance C/F		
Cash & Bank	34 189 468	33 490 207
Total	**63 688 811**	**58 374 048**

Sd/-
V.K. Dureja
Asstt. Accounts Officer

Sd/-
Dr. S.A. Kulkarni
Executive Secretary

Sd/-
Avinash C. Tyagi
Secretary General

Auditor's Report
As per our separate report of even date
For Raghu Nath Rai & Co.
Chartered Accountants
FRN No. 000451N

Partner
(PREM PRAKASH)
Membership No. 7648

New Delhi
Dated:21 May 2012

Annex to Appendix I (Contd….)

INTERNATONAL COMMISSION ON IRRIGATION AND DRAINAGE

BALANCE SHEET AS ON 31 MARCH 2012

	2011-12	2010-11
	Rs.	Rs.
ASSETS		
Property and Equipment	8 416 941	8 560 480
Receivables	6 502 601	9 089 961
Stock	736 495	613 758
Cash at Bank and in Hand	34 189 468	33 490 207
Total Assets	**49 845 505**	**51 754 406**
LIABILTIES		
General Fund	33 650 349	35 056 511
Gratuity Fund	3 133 168	2 675 833
Superannuation Fund	-	334 839
Dictionary Fund	635 769	562 939
Grants	-	403 361
Advance Rent (Yes Bank)	3 086 520	3 086 520
Security from Tenant	6 100 000	6 100 000
WatSave Award Fund	661 479	656 428
Subscription received in Advance	2 578 220	2 877 975
Total Liabilities	**49 845 505**	**51 754 406**

Sd/-
V.K. Dureja
Asstt. Accounts Officer

Sd/-
Dr. S.A. Kulkarni
Executive Secretary

Sd/-
Avinash C. Tyagi
Secretary General

Auditor's Report
As per our separate report of even date
For Raghu Nath Rai & Co.
Chartered Accountants
FRN No. 000451N

New Delhi
Dated:21 May 2012

Partner
(PREM PRAKASH)
Membership No. 7648

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APPENDIX II [IEC item 5]
(Para 5.1 of General Summary)

Minutes of the Twenty-Third Meeting of the
PERMANENT COMMITTEE ON STRATEGY AND ORGANIZATION (PCSO)
26 June 2012: 11.00-12.30 hours (Session – I)
26 June 2012: 13.30-17.30 hours (Session – II)
Adelaide, Australia

Members Present: (1) Vice President Dr. Ragab Ragab, Chairman (UK, 2010); (2) Vice President Hon. Mr. Shinsuke Ota, Vice Chairman (Japan, 2008); (3) Vice President Dr. Willem F. Vlotman (Australia, 2009); (4) Vice President Dr. László G. Hayde (Hungary, 2009); (5) Vice President Prof. Tai Cheol, Kim (South Korea, 2011); and (6) Er. Avinash C.Tyagi, Secretary General, ICID.

Ex-Officio Members Present: (1) Mr. Andrew Sanewe, Chairman, AFRWG and (2) Mr. Yaser Barghi, Chair, WG-YPF represented by Ms. Hayati Zainal (Malaysia).

Observers Present: (i) Prof. Gao Zhanyi, President, ICID (China), (ii) PH Prof. Dr. Chandra A. Madramootoo (Canada), (iii) Dr. Nobuyoshi Fujiwara (Japan), (iv) Ms. Anna Tedeschi (Italy), (v) Dr. Kotaro Mizoguchi (Japan), (vi) Dr. S.A. Kulkarni, ES, ICID CO and (vii) Dr. V.K. Labhsetwar, Director, ICID CO.

Item 1 : Membership of PCSO and Workbodies

The Permanent Committee on Strategy and Organisation matters expressed concern at the poor attendance at its meeting in particular and at many of the workbodies reporting to it. Based on the recommendations of the Chairpersons of various workbodies associated with it, the Committee reviewed their membership and recommends changes in the membership of various workbodies as incorporated in **Annex R2.1**.

Item 2 : Reactivation of Inactive National Committees (NCs)

The Committee was informed about the latest position of the ICID membership. The Committee noted with concern the decreasing trend in the active national committees, which is lowest as of date in last 30 years. The Committee was informed that Chad National Committee, which had been admitted to ICID by IEC in 2003 has now paid subscription for 2012. The Committee welcomed the Chad National Committee.

The Committee noted that the National Committees of Greece, Kazakhstan and Syria have not paid their membership subscriptions and are in arrears and noted that PFC is recommending for declaring them deemed inactive. However, the NC from Syria have informed that they are willing to pay their subscription dues but are unable to do so due to the political situation and will clear their dues as soon as the situation improves.

The Committee was informed that the Central Office is in correspondence with the National Committees of Morocco, Sri Lanka, Nigeria, Vietnam and Algeria for their reactivation. Chair of AFRWG informed the Committee of the efforts being made to activate the NCs in SADC countries through SARIA. There are some positive developments in Southern Africa as some positive signals have been received from Zimbabwe and Madagascar.

PCSO discussed the issue of activation of deemed inactive National Committees at length. The members were concerned that it is important to bring in the NCs of Africa within the fold of ICID as there is need to usher in second green revolution in Africa and for that purpose, participation of NCs in ICID activities is crucial. The Committee was informed that in so far as one of the major benefits of joining ICID, in terms of receiving the ICID Journal was concerned, more than 80 countries were eligible to get the ICID Journal free of charge under the FAO supported AGORE initiative. The Committee also noted that making the NCs active, their participation in the IEC meetings and their participation in the activities of workbodies were not necessarily synonymous.

The Committee therefore recommended that in order to increase the membership of ICID, IEC may consider

(i) waiving off all the outstanding arrears of all the inactive NCs,

(ii) introducing free trial subscription membership for two years, and

(iii) generating funds for participation of the LDCs,

(iv) revisiting the membership fee structure through a small sub-committee jointly with PFC.

The Committee also suggested that ICID should encourage participation of the regional groups such as SARIA and ARID and advised Secretary General to contact these Groups for making them direct members once the proposal before IEC is approved.

Item 3 : Strengthening regional cooperation and activities of National Committees: Vice Presidents' reports

VP Dr. László Hayde informed the Committee the efforts he had made to bring back Estonia, Macedonia and some other inactive members to ICID fold and the regional meeting that he had attended in Estonia. VP Tai-Cheol, Kim informed efforts made by him in activating NC of Mangolia. He also informed that South Korea was keen to support the membership of North Korea and also bring them to attend the 2014 meeting in Gwangju, but neither North Korea was ready to accept direct support of South Korea nor there were sufficient contact points in North Korea to move forward. SG informed that North Korea would be willing to accept the financial support through an International Organization like ICID and CO could play the intermediary role. VP Willem Vlotman informed the Committee of his efforts to contact New Zealand and their unwillingness to join the ICID at the present juncture.

Item 4 : Broad-basing of NCs, Evolving/Revising Constitution of NCs

The Committee was informed that the Central Office has in its record the Constitutions of 41 National Committees. The Committee strongly advised all the National Committees to furnish a copy of their Constitution to the Central Office as this will form an important document in implementing the direct membership decisions once approved by IEC. All the Committees were also advised to inform CO about any modifications in the constitutions, if any, undertaken by the NCs from time to time. Central Office can provide sample 'Constitutions of National Committees' to the National Committees who have not yet formulated their constitution. The Committee asked SG to circulate the note earlier prepared by PH Peter Lee on this subject, which could serve as a useful guide when the NCs are revising or preparing new constitution.

Item 5 : Guidelines for organizing IEC, Congresses and Conferences

The Committee was informed that By-law 5 provides for the way ICID Congresses and Conferences are organized. Over the years, a number of decisions have been taken with regard to the conduct of ICID events at various IEC meetings. Certain other practices that have proved useful have been adopted. The Committee noted that all these practices have been consolidated in a comprehensive document in the form of 'Guidelines'.

The Committee had detailed discussions on the way the venue for the IEC meetings, Congresses and Conferences were being decided. Great concern was raised at the trend of rising costs of registration fee and the way it is decided. It was felt that participation of the members from the developing countries, particularly the least developed countries and the young professionals was highly jeopardized due to increasing costs of registration. The Committee, therefore, recommends that IEC may consider

(i) There should be a bidding process right from the beginning with main emphasis on declaring the registration cost for the different categories of the ICID members (YP, locals, etc.)

(ii) The approval for holding the meetings should duly take into account the accessibility of the venues such as Mardin may entail addition of another couple of days of total travel and extra cost.

(iii) Adoption of the proposed guidelines as directives which in parts could form part of the abiding agreement with the host NC

Item 6 : World Irrigation Forum: Proposal for renaming IEC meetings before the Congress year

The PCSO took note of the Concept Note on "World Irrigation Forum" and other explanation and clarification provided by the President. The Committee noted that the proposal provides that in a three-year cycle, the first year is devoted to convene a "World Irrigation Forum (WIF)", on the second year we organize ICID Congresses and in the third year we organize a stand-alone IEC and concentrate more on technical issues of our Technical workbodies including their administrative issues. It was clarified that in each year, the IEC meeting will also take place on the last day. The Committee noted that the proposed WIF combines the pre-meetings of the technical working groups with workshops involving/ lead by other stakeholders so that while on one side ICID could carry out its technical activities, at the same time it can listen to the needs of other stakeholders and have a better outreach to disseminate its messages.

PCSO liked the triennial concept and strongly supported the concept of organizing such a Forum and recommends keeping its name as "World Irrigation Forum". The Committee recommended that WIF should be started during 2013 with the aim to achieve a minimum attendance of 800. The Committee taking note that the means of travel to Mardin, where the 64th IEC is proposed to be organized, suggested that TUCID should be requested to reconsider the venue to a more accessible place like Istanbul.

Item 7 : Strategy for Collaboration and Cooperation between ICID and other International Organizations

The Committee noted that any collaboration and coordination activity consumes substantial resources, both financial as well as human, and therefore it is essential to optimize the resources by investing them in joint activities (collaborative, coordinated and cooperative) that gives the maximum mileage in fulfilling the objectives of ICID. PCSO deliberated on the strategy for collaboration proposed by the SG and recommended that the International Organizations should be invited to collaborate with ICID based on an agreed Memorandum of Understanding, clearly defining the objectives, the duties and responsibility of the two organizations, including their financial arrangements. The Committee also advised that the International Organizations should be invited to join ICID as direct members once the proposal before IEC is approved. In view of the above the Committee, through IEC advised the Central Office to relinquish the secretariat functions of IWALC and withdraw from the membership of WWC and revisit its relation with WWC in the light of the above recommendation.

Item 8 : Review of the Regional Working Groups

The Chairpersons of the following WGs made presentations on the activities of their respective workbodies and present their recommendations.

8.1 African Regional Working Group (AFRWG)

The chair of the WG, Mr. Andrew Sanewe informed that except for participants from South Africa, there were no other countries present at the meeting. He informed that one of the important agenda for the meeting was to develop a strategy for capacity building in Africa in Irrigation and Drainage. He had prepared a draft proposal with inputs from ENCID, but there had been no response from any other members. He expressed his frustration at the lack of interest from the members.

8.2 American Regional Working Group (AMRWG)

Mr. Maurice Roos, Interim Chair through a written note informed the Committee that he himself and Michael Mierzwa, were the only two Americans that were present at the meetings. Looking at the history of the Group, he recommended that AMRWG should be terminated or placed on inactive status.

8.3 Asian Regional Working Group (ASRWG)

VP Kim Cheol presented the report of the Group on behalf of Mr. Karim Shiati who could not attend the Conference. He explained the WTs were being organized and the process of finalizing their work plans will be completed within next 2 months. He expressed satisfaction at the way the Group had collaborated in the past and was confident that the collaboration will continue in future. The Group had recommended certain changes in its membership.

8.4 European Regional Working Group (ERWG)

VP László Hayde, who is also the Chair of the ERWG presented the report of the Group. He informed that 7 countries were represented at the meeting of the WG. The WG was working in close collaboration with other international organizations in the region. He informed that work teams on drought and floods were now being merged into water related risk, however, it has not been activated. The members of these work teams are not necessarily the members of the RWG but could be just experts. He explained that the RWG always addresses the issue of YPF. He informed that Henri Tardieu Award will not be given in 2012 as there were certain administrative problems.

Based on the poor turnout in the RWGs of Africa and Americas (and also some of the WGs reporting to PCTA), the Committee expressed its concern at the waste of resources both in terms of human and space which costs money to the organizers and which adds to the overall cost of organization of the event and the registration fee. The PCSO decided to keep AMRWG active and revive it. However, it recommends that in future the meetings of Regional Working Groups should be organized only on request of the chair of the RWGs. Before finalizing the Program for the meetings, the Secretary General may consult the chairs of WGs which do not have activities during the year or are not meeting regularly to ascertain whether they would like to organize the meetings of the workbodies or not. In this respect, it was agreed that only one extra meeting room (not five as used to be) for ad-hoc meeting will be allocated should any of the regional work group decide to meet.

Item 9 : Review of Working Groups/Committee'

9.1 Working Group on Irrigation and Drainage in States under Socio-Economic Transformation (WG-IDSST)

The Chair of the WG did not report to the Committee.

9.2 Working Group on Young Irrigation Professionals Forum (WG-YPF)

The chair of the working group informed that there are only 10 members in the Group out of which only three were present and other three were represented. It was desired by the group that YPs should be provided free registration to all ICID events. The WG-YPF informed that they maintain a Facebook page. SG also informed that since ICID is also on the Facebook, it would be advisable to have only one Facebook page which the WG-YPF should help in populating and running.

Based on the recommendations of the Group, PCSO recommends that ICID should initiate a mentoring of young professionals program in collaboration with universities. The Committee decided to establish a subgroup to work out the details of ICID mentoring program.

9.3 Committee on Congresses/Conferences (C-CONGR)

The Chair VP Kim Cheol informed the Committee on the discussions in the meeting and some confusion regarding the program of Turkey meeting.

Item 10 : Any other business

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APPENDIX III [IEC item 6]
(Para 6.1 of General Summary)

Minutes of the Thirty-Second Meeting of the
PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)
27 June 2012: 08.30-12.30 hours (Session-I)
27 June 2012: 13.30-16.20 hours Session-II)
Adelaide, Australia

Mandate: The Permanent Committee for Technical Activities shall be concerned with all the technical activities of the Commission including all publications of ICID. It will be responsible for activities of the technical work bodies, for selection of Questions/Themes for Congresses, Conferences, Special Sessions, Symposia, etc., for settlement of the technical conclusions thereof and for making appropriate recommendations for action thereon.

Members Present: (1) Vice President Hon. Dr. Felix B. Reinders, Chairman (South Africa, 2010); (2) Vice President Dr. Willem F. Vlotman, Vice Chairman (Australia, 2011); (3) Vice President Hon. Hussein Ehsan El-Atfy (Egypt, 2005) represented by VPH Dr. M.H. Amer (4) Prof. Daniele de Wrachien (Italy, 2005) represented by Prof. Graziano Ghinassi (5) Dr. Yohei Sato (Japan, 2005) (6) Dr. Nikolay G. Kovalev (Russia, 2007) represented by Dr. Irina Bondarik; (7) Vice President Mr. A.K. Bajaj (India, 2008); (8) Vice President Engr. Husnain Ahmad (Pakistan, 2009); (9) Vice President Hon. Dr. Mark Svendsen (USA, 2010); and (10) Er. Avinash C.Tyagi, Secretary General, ICID

Ex-Officio Members Present: (i) VP Gerhard Backeberg, Strategy Theme Leader – Systems and Chair, TF-FIN; (ii) VP Chaiwat Prechawit, Strategy Theme Leader – Basin; (iii) VP Dr. Ragab Ragab, Strategy Theme Co-Leader – On-Farm; (iv) VP Prof. Tai-Cheol, Kim, Strategy Theme Co-Leader – On-Farm; (v) VPH Larry D. Stephens, Chair, C-PR&P and Secretary, PCTA; (vi) PH Prof. dr. Bart Schultz, Chairman, EB-JOUR & TF-WWF6; (vii) Dr. Kamran Emami, Chair, WG-HIST, WG-CAFM & TF-VE; (viii) Prof. (Mrs.) L. Vincent, Chairperson, WG-TRUE; (ix) VPH Dr. M.H. Amer, Chair, WG-WATS; (x) VP Dr. Willem F. Vlotman, Chair, WG-DRG; (xi) PH Peter S. Lee, Chair, WG-POVERTY; (xii) VPH Dr. Franklin E. Dimick, Chair, WG-DROUGHT; (xiii) Dr. Ruey-Chy Kao, Chair, WG-SDTA; (xiv) Dr. Sylvain R. Perret, Chair, WG-ENV: (xv) VPH Dr. Mark Svendsen, Chair, WG-CLIMATE; (xvi) VP Dr. Ragab Ragab, Chair, WG-CROP; (xvii) VPH Dr. Samia El-Guindy, Chairperson, WG-PQW represented by VP Dr. Ragab Ragab and (xviii) VPH Felix B. Reinders, Chair, WG-ON-FARM.

Observers Present: (i) Prof. Gao Zhanyi, President, ICID (China), (ii) PH Prof. Dr. Chandra A. Madramootoo (Canada), (iii) Dr. Shukhrat Mukhamedjanov, SIC-ICWC (Uzbekistan), (iv) Dr. Masayoshi Satoh (Japan), (v) Dr. Nobuyoshi Fujiwara (Japan), (vi) Ms. Anna Tedeschi (Italy), (vii) Dr. Kotaro Mizoguchi (Japan), (viii) Klaus-Dieter Vorlop (Germany), (ix) Dr. Hun Sun Lee (Korea), (x) Dr. Kangwon Choi (Korea), (xi) Dr. Kazumi Morinaga (Japan), (xii) Dr. S.A. Kulkarni, ES, ICID CO and (xiii) Dr. V.K. Labhsetwar, Director, ICID CO.

Item 1 : Membership of the PCTA and Workbodies

The terms of the following members have ended.

(i) Mr. Bruno Molle (France, 2006)
(ii) VPH Hussien Ehsan El-Atfy (Egypt, 2005)
(iii) Prof. Daniele de Wrachien (Italy, 2005)
(iv) Dr. Yohei Sato (Japan, 2005)

Dr. Masayoshi Satoh (Japan) and Prof. Graziano Ghinassi (Italy) were accepted as new members of PCTA.

The summary of changes in work body memberships recommended is as incorporated in Annex R2.1.

Item 2 : Improvement in the functioning of Workbodies

PCTA Chairman VPH Dr. Felix B. Reinders noted that Annex 1 of the Agenda outlines the need for improving the workbody functions. PCTA recommends that the Annex (*incorporated as Annex R2.2 in these minutes*) be adopted.

Item 3 : Review of the activities of Workbodies

3.1 Presentations by Workbodies under the Strategy Theme – Knowledge (ST.K)

3.1.1 Committee on Public Relations and Publications (C-PR&P)

Committee Chairman Larry Stephens reported that a new homepage design of the ICID website is in progress by Central Office. The Committee sees merit in digitizing older ICID documents (totaling about 25,000 pages), however, the cost of doing so would cost about US$9,000. So the decision must be made based on ICID finances. The Committee recommends further that the *ICID News Update* be made available only on the ICID website and that *ICID News* be continued as a print document.

3.1.2 ICID Journal Editorial Board (EB-JOUR)

Board Chairman Bart Schultz reviewed the status of the ICID Journal. He reported that there are two sponsored issues of the journal in progress, and that the 2012 Best Paper award will be presented during the Adelaide IEC Meeting. He also reported that the present agreement with Wiley-Blackwell expires in 2013 and that negotiations are ongoing with Wiley for an agreement for the period 2014-2018.

3.1.3 Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)

Working Group Chairman Dr. Kamran Emani reported that the Working Group held a Workshop during the Adelaide IEC Meeting and plans to hold another Workshop during the Turkey IEC Meeting. A book titled *Historical Water Sustainability: Lessons to Learn* is being prepared by the WG. It was proposed that historic projects be selected for recognition.

3.1.4 Working Group on Technology and Research Uptake and Exchange (WG-TRUE)

Chairman L. Vincent reviewed the proposal to continue research and development activities by ICID

.

3.1.5 Task Force to Guide ICID Inputs to World Water Forum 6 (TF-WWF6)

Task Force Chairman Bart Schulz made a summary report of WWF 6, reporting on ICID contributions, which are available on the ICID website. A synthesis report is scheduled to be finalized by August 2012 and the Task Force 6 will then be completed. The Task Force recommends that Task Force 7 be created.

ICID President Gao reported that Management Board agrees that Task Force 7 should be created, noting that WWF 7 will be held in Korea during 2015. The Management Board recommends the following as members of Task Force: VPH Mr. Shinsuke Ota (Japan) Chairman; VP Prof. Tai-Cheol, Kim (Korea); PH Prof. Chandra Madramoottoo (Canada); Mr. François Brelle (France) and PH Bart Schulz (The Netherlands).

3.1.6 Task Team on ICID Engagement with the Rio+20 Process (TT-RIO20)

President Gao summarized the ICID involvement with Rio+20.

3.2 Synthesis and Recommendations by Theme Leader on Knowledge (ST.K)

PCTA Chairman VPH Dr. Felix B. Reinders presented a synthesis of the Theme Knowledge, noting that Theme Knowledge has succeeded to be ICID's communication with the world through the media, participation and interaction on various forums by publishing documents, posting information on the ICID website and taking the lead on irrigation and drainage discussion at international forums.

3.3 Presentations by Workbodies under the Strategy Theme – Systems (ST.S)

3.3.1 Working Group on Modernization of Irrigation Services (WG-MIS)

No report was given.

3.3.2 Working Group on Water Saving for Agriculture (WG-WATS)

Working Group Chairman Dr. Mohamed Hassan Amer reported that the 2012 WatSave Awards will be presented during the Adelaide IEC Meeting. It was reported that *Water Saving in Agriculture* has been translated or is being translated into French, Chinese, Arabic and Persian.

PCTA Chairman Felix B. Reinders urged the WG to consider continuing the Working Group mandate.

3.3.3 Working Group on Drainage (WG-DRG)

Working Group Chairman VP Dr. W. F. Vlotman reported on the activities of the Working Group, including updating the database on Drained Area in the World and the Mandate, and the 11th International Drainage Workshop, which will be held in Cairo, Egypt, during September 2012. Three presentations were made during the Working Group meeting.

3.3.4 Working Group on the Role of Irrigation in Poverty Alleviation and Livelihoods WG-POVERTY)

Working Group Chairman PH Peter S. Lee reported that the Mandate of the Working Group should include the effect of urbanization on smallholders in peri-urban areas and drawing population from rural to urban areas. The Working Group is preparing an ICID position paper on the "Role of Irrigation in Poverty Alleviation and Enhancement of Livelihoods" and plans to complete the paper by 2013 IEC Meeting.

3.3.5 Working Group on Millennium Development Goals (WG-MDGs)

No report was given. Dr. Vlotman recommended that the Working Group be terminated, and the work will be taken up by the World Water Forum Task Force.

3.3.6 Task Force on Financing Water for Agriculture (TF-FIN)

Task Force Chairman VP Dr. Gerhard R. Backeberg reported that a workshop was held during the Adelaide IEC Meeting on "Water use Charging Systems and Available Financing of Irrigation." Case studies were presented by representatives of Japan, South Africa and Thailand. Unfortunately, only three of eight expected presentations were made. And, only three members and one representative attended the Task Force Meeting. The draft report of the Task Force was submitted for consideration and accepted, subjected to inclusion of the case studies. The Task Force requested an extension of one year to complete the report.

3.3.7 Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY)

No report was given.

3.3.8 Task Force .on Sedimentation of Reservoirs (TF-SEDIMENTATION)

No report was given. Dr. Kulkarni recommended that the Task Force be terminated and any ICID activity be coordinated with ICOLD. PCTA recommends that the Task Force be terminated and that the Chinese Taipei Committee be asked to work with the Turkish National Committee to organize a Workshop on Sedimentation during the 2013 IEC Meeting.

3.4 Synthesis and recommendations by Theme Leader on Systems (ST.S)

VP Dr. Gerhard R. Backeberg gave a syntheses report on the Systems Theme. He reported that he made an assessment and critique of the workbodies in relation to (1) the objectives and goals; (2) the workplan and activities; and (3) participation and reporting. Based on the review, his recommendations are: (1) activities of WG-MIS, WG-DRG. WG-WATS, WG-POVERTY and TF-FIN be concluded in 2012/2013 according to their mandates and workplans; (2) TF-BIO-ENERGY be transferred to Strategy Theme Basin and the term extended, because of the importance of topic; (3) TF-SEDIMENTATION and WG-MDGs should be activated or the activities redirected to ICOLD and World Water Forum 7; (4) Future Focus of Strategy Theme Systems should be on water management at the irrigation project level, so the Theme name should be changed to Scheme or Project; (5) new workbodies should be initiated addressing the topics (1) irrigation management according to water balance approach; (2) irrigation water loss control; (3) irrigation service delivery and operational management; (4) management of water user associations with attention to sources of and application of funds, user based performance assessments and indicators. As work bodies are concluded in 2012/2013, activities of new workbodies should be initiated in 2013/2014 with mandates from PCTs and nominations by national committees.

3.5 Presentations by Workbodies under the Strategy Theme – Basin (ST.B)

3.5.1 Working Group on Water Management in Water Stressed Regions (WG-DROUGHT)

Working Group Chairman VPH Franklin E. Dimick reported that the Working Group discussed the publication of the document *Irrigation Under Drought and Water Scarcity*, and recommends that publication proceed but asked Central Office to contact the original authors for updates. The goal is to publish the document within the next six months, with the consent of the authors.

The Working Group proposes to hold a Workshop on *Water Management in Water Stressed Regions — Recent Drought Experiences* during the Turkey IEC Meeting.

The Working Group discussed the outputs of the WG and will finalize their decision during the Turkey IEC Meeting.

3.5.2 Working Group on Sustainable Development of Tidal Areas (WG-SDTA)

Working Group Chairman Dr. Ruey-Chy Kao will prepare reports for a Special Issue of the ICID Journal. The $15,000 cost will be paid by Korea, Japan and Taiwan.

The Working Group will organize a Workshop to be held during the Korea Congress.

3.5.3 Working Group on Environment (WG-ENV)

Working Group Chairman Dr. Sylvain Perret noted that several members of the Working Group have been dropped because of non-participation. The Working Group will address three primary topics including agricultural return flow, management of a sustainable environment, and impact of irrigation and drainage on human health. The Working Group will have an internal workshop during their meeting in Turkey.

3.5.4 Working Group on Comprehensive Approaches to Flood Management (WG-CAFM)

Working Group Chairman Dr. Kamran Emami noted that they will prepare a document to be called Adaptive Flood Management within two or three years.

3.5.5 Working Group on Climate Change and Agricultural Water Management (WG-CLIMATE)

Working Group Chairman VPH Dr. Mark Svendsen reported that the Working Group proposes to prepare a paper on *Adaptations for Irrigation and Drainage on the Impacts of Climate Change*. He noted that ICID will continue efforts to cooperate with the World Meteorological Organization regarding climate information and use of the information.

3.5.6 Task Force on Value Engineering (TF-VE)

Task Force Chairman Dr. Kamran Emami noted that he has led an effort to organize a Task Force on Value Engineering. The Task Force plans to have Workshops on Value Engineering during the Turkey and Korea IEC Meetings.

3.6 Synthesis and recommendations by Theme Leader on Basin (ST.B)

Vice President Chaiwat Prechawit made a summary of the Basin Theme activities. He noted that the work bodies are working according to their mandates.

3.7 Presentations by Workbodies under the Strategy Theme – On-Farm (ST.OF)

3.7.2 Working Group on Water and Crops (WG-CROP)

Working Group Chairman VP Dr. Ragab Ragab heard three presentations. The Working Group proposes an extension of their mandate by three years with the name **Water and Crop Productivity**. The Working Group proposes to organize a *Workshop on Management of Agriculture Climate Change* in cooperation with the Working Group on Climate Change and Agricultural Water Management.

3.7.3 Working Group on Use of Poor Quality Water for Irrigation (WG-PQW)

Working Group Chairman VPH Dr. Samia El-Guindy was unable to attend, so VP Dr. Ragab Ragab chaired the Adelaide Meeting of the Working Group. The nomination of new member Ms. Nur Kuru (Turkey) was accepted by exception. The Working Group held a Workshop in Adelaide in cooperation with the Working Group on Environment.

3.7.4 Working Group on On-Farm Irrigation Systems (WG-ON-FARM)

Working Group Chairman VPH Felix B. Reinders reviewed the documents being prepared by the Working Group. The Working Group recommends that the Micro Irrigation Congresses should be renamed Micro Irrigation Symposium. Proposal for the 9th Micro Irrigation Symposium will be invited.

The successful datasheet on Sprinkler and Micro Irrigated Areas in ICID network countries will be expanded to include an ongoing survey on World-Wide Usage of Sprinkler and Micro Irrigation.

3.8 Synthesis and recommendations by Theme Leader on On-Farm (ST-OF)

Theme Co-Leaders VPs Prof. Kim Tai-Cheol and Dr. Ragab Ragab made a report on the Theme On-Farm:

WG-ON-FARM

(i) Micro-irrigation is relatively less easy to manage to some farmers; a capacity building aspect to the activity of the WG would be beneficial.

(ii) Evaluation of micro-irrigation system performance using new techniques (e.g. ERT).

(iii) There is no “one size fits all”, when it comes to selecting an irrigation system for certain crop or soil. Guidelines on that issue will be helpful to farmers.

(iv) In order to encourage farmers to adopt non-traditional irrigation system, a cost benefit analysis and cost recovery, will be extremely useful.

WG-CROP

(i) Water footprint is becoming an important issue, quantification of the water footprint of green, blue and grey water in the context of irrigation, requires some more attention.

(ii) Food security in relation to water security and availability is becoming a hot topic. This topic needs some more attention.

(iii) Most of crop water requirement calculations are based on potential evapotranspiration which lead to excessive use of water. The use of new technologies to accurately estimate the actual (not the potential) evapotranspiration, will be beneficial in increasing water use efficiency and productivity (use of Scintillometers, Eddy covariance, etc.).Soil moisture content and deficit with non point measurement techniques could also be beneficial (e.g. ERT and COSMOS).

(iv) There is a need to adopt non conventional crops in parallel to non conventional water resources. Non conventional crops that are less water consuming, salt and drought tolerant, (e.g. Quinoa and Amaranth, etc.) could be an activity to consider by the group.

WG-PQW

(i) Impact of Agro-Chemicals on irrigation water quality and subsequently on crops and the environment could be given more attention.

(ii) Food quality and safety is becoming a very important issue for consumers and the environment. This issue can be added as a new activity.

(iii) Recycling the poor quality water for multiple uses needs to be suggested as activity.

Assessment of the long term impact of the use of poor quality water on the environment is another suggested activity.

Item 4 : Follow up on Intensification of Research Program: Setting up of Board of Governors, etc.

PH Peter Lee, Secretary General Avinash Tyagi and PH Chandra Madramootoo discussed a Concept Note on "Intensification of Irrigation and Drainage Research to Achieve Global Food Security."

Secretary General Avinash Tyagi and PH Chandra Madramootoo were asked to continue develop the concept by the fall of 2012.

Item 5 : ICID Congresses/Conferences

PCTA Chairman Reinders noted that the topics for Congress 23 and 24 have been determined.

Central Office has sent an e-mail to National Committees, inviting nominations for General Reporters and Panel Experts for the next Congress.

Item 6 : ICID's Cooperation with International Organizations

No additional items were presented.

Item 7 : Any other business

No additional items were presented.

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PERMANENT COMMITTEE ON STRATEGY AND ORGANIZATION (PCSO)

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APPENDIX IV [PCSO Item 8.1]

Minutes of the Twenty Third Meeting of the
AFRICAN REGIONAL WORKING GROUP (AFRWG)
24 June 2012: 08.30-10.30 hours, Adelaide, Australia

Year of Establishment: 1994

Mandate: To promote links and networking among the African countries as well as regional and international institutions for enhancing cooperation and coordination; and to support integrated river basin development, training and research issues and information system for African needs.

Members Present: (1) Dr. Andrew Sanewe, Chairman (South Africa);

Member Hon.: Dr. Gerhard Backeberg, Vice President, ICID (South Africa)

Observers: (i) Mr. Akira Iwamoto (Japan); (ii) Mr. Gurhan Demir (Turkey); (iii) Ms. Mary-Jean Gabriel (South Africa); (iv) Mr. Kotaro Mizoguchi (Japan); (v) Dr. Ramana Gowda Patel (India); (vi) Dr. K.Y. Reddy (India).

Website: <http://afrwg.icidonline.org>

Item 1 : Review of membership of the group, countries and permanent observers

1.1 Membership of the group

None of the members of the group attended the meeting except the Chairman. Engr. Adriano de Vito was not present at the meeting and therefore his nomination could not be considered. The membership of Ms Ducrot (France) and Dr Loulseged (Ethiopia) were terminated due to non-attendance. Their national committees may be asked for fresh nominations.

1.2 Membership of African countries

Only six countries in Africa are active members of ICID. The Chairman informed the group that he understood that VP Sangare was in the process of reviving the Chad National Committee. Unfortunately, VP Sangare was not present so the matter could not be discussed further. The Chairman informed the group that he had made several attempts to get in touch with the Ethiopian and Kenyan National Committees but none responded to the emails that were sent to them.

The working group suggested to try to contact professionals in Uganda, Burundi and Rwanda to establish national committees.

VP Dr. Backeberg gave a brief update of the SARIA activities and the plans to establish national committees within the SARIA member countries beginning with Zambia, Zimbabwe and Malawi in 2012. The Chairman mentioned that he will get in touch with VPH Dr. Samia El-Guindy regarding establishing national committees in North Africa.

Item 2 : Progress on the implementation of the Action Program for Africa

- **Report of the SARIA Workshop, March 2012, Pretoria, South Africa**

The Southern African Regional Irrigation Association (SARIA) held its annual workshop and steering committee meeting from 14-16 March 2012 in Pretoria. VP Dr Backeberg and the Chairman informed members of the working group that participants of the SARIA workshop includes representatives from 11 (out of 15) SADC countries. The workshop began with a technical tour to the Agricultural Research Council-Vegetable and Ornamental Plants

Institute (ARC-VOPI) and also visited the ARC-VOPI's gene bank, hydroponics unit, rain shelters, and field trials for indigenous crops. In the SARIA steering committee meeting, VP Dr Backeberg proposed an action plan to speed-up the establishment of SARIA national committees which was agreed by SARIA members. During the workshop, VPH Felix Reinders and Chairman of SANCID made an interesting presentation on: "Drip Irrigation: Principles and Practices", besides presentations by representatives of ICID active national committees viz., SANCID (South Africa), TANCID (Tanzania), and ZACID (Zambia). National Committees of Zimbabwe (ZICID) and Malawi (MILCID) which are presently inactive are planning to join ICID soon and gave presentations on their organizational structures and activities. The Central Office distributed the proceedings of SARIA Workshop (CD-ROM) held in February 2011 at Swaziland to all the members of the WG. The next SARIA steering committee meeting and a workshop is planned for February/March 2013 in Zimbabwe. This workshop will include a capacity building and training programme.

- **Report of 3rd African Regional Conference, 29 November – 5 December 2011, Mali**

A successful 3rd African Regional Conference of ICID was held from 29 November to 5 December 2011 in Bamako (Mali) on the theme "Food Security and Climate Change: Improve the Contribution of Irrigation and Drainage". Mrs Mary Jean Gabriel from South Africa, who attended the conference in Bamako, informed the working group about the conference. More than 200 participants from 25 countries, including the representatives from the World Bank, FAO, IFPRI, IWMI and African Development Bank attended the conference. President Dr. Gao Zhanyi attended the Conference and gave an opening address.

None of the members of ARID, who organized the conference, were present at the meeting.

- **11th International Drainage Workshop (IDW), September 2012, Cairo**

The Chairman informed members of the working group about ICID's 11th International Drainage Workshop (IDW) which will be hosted by the Egyptian National Committee (ENCID) in Cairo, Egypt from 23-27 September 2012. The main theme of the Workshop is "Agricultural Drainage Needs and Future Priorities". The workshop will delve on five sub-topics viz., (1) Planning and Design of Drainage Systems, (2) Improvement of Drainage Technology and Techniques, (3) Drainage Management, (4) Environmental Aspects and Climatic Change, and (5) Research Development and Capacity Building. VP Dr Backeberg informed members of the working group that South Africa intends to participate in the workshop.

None of the members of ENCID were present at the meeting.

- **Strategy for capacity building in Africa**

The Chairman Dr. Andrew Sanewe prepared a draft proposal for a Capacity Building Strategy in Africa. VP Dr. Gerhard Backeberg discussed the idea of the strategy at the SARIA Steering Committee meeting held in March 2012 in Pretoria. He also provided his inputs to the written draft strategy. The draft strategy was forwarded to Central Office for comments and inputs. The Secretary General provided detailed comments on the draft strategy; requesting that the strategy be broadened. The different regional areas were requested to formulate sub-strategies for their area which would feed in to the umbrella strategy. The regional nodes are: Southern Africa (SARIA); Western and Central Africa (ARID) and North Africa. Inputs have been received from SARIA and North Africa (from ENCID).No comments regarding the strategy were received from ARID.

The members requested that the strategy should focus primarily on human resource development. The entry point of the strategy should be people – human capital; other issues such as financial capital, natural capital, and physical capital should follow this.

It was originally proposed that the draft strategy would be discussed by the members of the working group representing the different regions of Africa as well as ICID Central Office. Unfortunately, none of the other regions beside SARIA attended the meeting and no one from Central Office could participate in the meeting.

Item 3 : Three-year work plan of the group

- **2012**
  - March: SARIA Workshop, Pretoria, South Africa
  - September: 11th International Drainage Workshop (IDW), Cairo, Egypt
  - November: SANCID Symposium, KwaZulu-Natal, South Africa
- **2013**
  - February/March: SARIA Workshop on capacity building and training on "Agricultural Water Use for Homestead Food Gardens", Victoria Falls, Zimbabwe
- **2014**
  - February/March: SARIA Workshop on capacity building and training – Venue to be decided.
  - SANCID Symposium – Venue to be decided.
  - 4th African Regional Conference, Tanzania?

Item 4 : Publicizing working group's activities through a Newsletter and other international publications

No information was provided by Vice Chairman Engr. Aliou Bamba (Mali) whether a newsletter has been written.

Item 5 : Website of the AFRWG

The Chairman encouraged all members of the working group to send information related to the activities of the WG to the Central Office so that it can be uploaded onto the website.

Item 6 : Any other business (with the permission of the Chair)

There was no other business to discuss and the meeting was closed at 10:25 hours.

APPENDIX V [PCSO Item 8.3]

Minutes of the Nineteenth Meeting of the
ASIAN REGIONAL WORKING GROUP (ASRWG)
24 June 2012: 11.00-12.30 hours (Session I) and 13.30-15.00 hours (Session II), Adelaide, Australia

Year of Establishment: 1996

Mandate: To focus on common topics and issues; to enhance the transfer of appropriate technology in irrigation and drainage to and from the Asian Region; and to encourage membership and coordinate activities in the region.

Members Present: (1) (1) Prof. Tai Cheol Kim, Vice Chairman (Republic of Korea); (2) Prof. Sheng-Feng Kuo (Chinese Taipei); (3) Mr. Shinsuke Ota (Japan); (4) Mr. S. Siswoko (Indonesia) represented by Mr. Syaiful Mahdi Naumin; (5) Mr. Uttam Raj Timilsina (Nepal); (6) Secretary General, ICID represented by Dr. Vijay K. Labhsetwar.

Office Bearers Present: VP Dr. Willem Vlotman (Australia); VP Mr. Chaiwat Prechawit (Thailand)

Observers: (i) Mr. Nobuyoshi Fujiwara (Japan); (ii) Mr. Kotaro Mizoguchi (Japan); (iii) Dr. Kwangya Lee (Republic of Korea); (iv) Mr. Trevor Le Breton (Australia); (v) Mr. Kuang-Ming Chuang (Chinese Taipei); (vi) Dr. Aynur Fayrap (Turkey); (vii) Dr. Kangwon Choi (Republic of Korea); (viii) Mr. Rafat Al-Intaki (Iraq); (ix) Mr. Abdulkadhum Lehmood Yassir Al-Shahmani (Iraq); (x) Prof. Safaa Noori Hamad (Iraq); (xi) Mr. Saddam Qahtan (Iraq); (xii) Mr. Arthon Suttigarn (Thailand); (xiii) Mr. Mohamed Rafeet (Oman); (xiv) Ms. Pei-Chun Ni (Chinese Taipei); (xv) Ms. Louise Whiting (Italy); (xvi) Mr. Stephen Mills (Australia); (xvii) Dr. Tirupataiah Kota (India); (xviii) Mrs. Yun-Gyeong Oh (Republic of Korea); (xix) Prof.Jaekyoung Noh (Republic of Korea); (xx) GunHeo (Republic of Korea);(xxi) Mrs. Sakuntala Bhatitrummarak (Thailand); (xxii) Ms. Kazumi Morinaga (Japan); (xxiii) Mr. Ahmet Seren (Turkey); (xxiv) Muharrem Ozdemir (Turkey); (xxv) Nadide Demir (Turkey); (xxvi) Mr. Yoo Man Huh (Korea); (xxvii) Mr. Myung-Sik Lee; (xxviii) Prof. Mohamad Amin (Malaysia); (xxix) Dr. Sylvain Roger Perret (France); (xxx) Mr. Gurhan Demir (Turkey); (xxxi) Dr. Huseyin Gundogdu (Turkey); (xxxii) Dr. Tapas Biswas (Australia); (xxxiii) Mr. Saddam Qahtan (Iraq); (xxxiv) Mrs. Yun-Gyeong Oh (Republic of Korea); (xxxv) Mr. Yingduo Yu (China); (xxxvi) Dr. Chih-Hung Tan (Chinese Taipei); (xxxvii) Prof. Linden Vincent (Netherlands); (xxxviii) Ms. Hayati Zainal (Malaysia); (xxxix) Mr. Park Sanghyun (Republic of Korea); (xl) Seung-Hwan Yoo (Republic of Korea); (xli) Mr. Sang-Hyun Lee (Republic of Korea); (xlii) Dr. Nozar Ghahreman (Iran); (xliii) Mr. Nasiruddin Abdullah (Malaysia).

Website: <http://asrwg.icidonline.org/>.

Vice-chair (VP) Prof. Tai Cheol Kim chaired the ASRWG meeting on behalf of Chair VPH Dr. Karim Shiati.

Item 1 : Membership of the Working Group

The following persons were nominated by their respective national committees, were present in the meeting and accepted as new WG members:

- Mr. Arthon Suttigarn (Thailand),
- Dr. Aynur Fayrap (Turkey), and
- Dr. Kota Tirupataiah (India).

However, the membership of Mr. Wang Aiguo (China) was deferred to the next meeting of WG in 2013 since he was not present.

The following four members were replaced on the basis of non-attendance and no communication with ICID during the last 2 or more consecutive years/meetings:

- Mr. B.M. Yusupov (Uzbekistan),
- Mr. T. Anwar Khan (Bangladesh),
- Mr. Waseem Nazir (Pakistan), and
- Mr. Ravinder Singh (India).

It was recommended that ICID Central Office should invite fresh nominations from the respective National Committees. Howerver, the membership of Mr. S. Siswoko (Indonesia) is extended on condition of active attendance and contribution, considering the strong defence from the Indonesian representative Mr. Syaiful in the meeting.

Item 2 : Future Work Plan

2.1 New Country Membership in ICID

Sri Lanka has become inactive recently and efforts are on to make Sri Lanka an active member. Vice President Prof. Kim will try to invite other countries in the Asian region such as Lao PDR, Mongolia, Vietnam, and DPR Korea, for ICID membership.

2.2 Three-year rolling work plan

The members of ASRWG have accepted the Three-year rolling work plan**.** Prof. Kim mentioned about the new Work Team (WT) on "*Contribution of Agricultural Water for the Development of Rural Society in Asia"*. The draft plan has been discussed. Prof. Kim will further enlighten the WT members on the name and mandate of the WT by end of September 2012. The nine members offered to join the WT on voluntary basis were - Dr. Amin (Malaysia), Dr. Arthon (Thailand), Mr. Hassan (Turkey), Dr. Karim Shiati (Iran), Dr. Kim (Korea) as the Chair of WT, Mr. Ota (Japan), Dr. Wu (Chinese Taipei), Dr. Kota (India) and Dr. Biswas (Australia).

Mr. Thierry Facon from FAO-RAO attended the ASRWG meeting and expressed his intention on collaborating with ICID-ASRWG through the Work Team. The new WT could collaborate with FAO-RAP under their concept of *"Rural Development and Agricultural Water in Asia".*

Item 3 : Website of ASRWG

Network linkages with the NC's of Australia, Chinese Taipei, India, Iran, Malaysia, Japan, Pakistan and Thailand had been already established. The other NCs were requested to provide the network linkages. However, Chair assigned the Turkish National Committee (TUCID) representative to check the website of 2013 ICID events and the Korean National Committee (KCID) representative for 2014 ICID Congress to link their websites to ASRWG webpage.

Item 4 : Linkages with Regional and Transnational Organizations for Cooperation

4.1 UN – WATER

The group noted that ICID joined the UN-Water Task Force on water and climate through its working group "WG-CLIMATE" and "ARTF-CC in ASRWG". The ARTF-CC made its presentation at WWF6 in France in March 2012.

4.2 ADB - ICID relationship

The chairman briefly mentioned about the keynote speech of the President Gao Zhanyi in the Asian Irrigation Forum at the ADB Headquarters in Manila in April 2012. The chairman, recommended the members to browse the other papers and presentations made at AIF at their website <http://www.adb.org/news/events/asian-irrigation-forum-2012>.

4.3 ADBI and APO

Mr. Ota and Prof. Kim briefly mentioned on joining with the ADBI-APO Workshop on Climate Change and its Impact on Agriculture held on 13-16 December 2011 at Seoul, Republic of Korea. It was a good cooperation between ICID and ADBI-APO.

Item 5 : Possibilities of developing cooperative arrangements with International Society of Paddy and Water Environment Engineering (PAWEES) and International Network of Water Environment and Paddy Fields (INWEPF)

Prof. Amin (Malaysia) deliberated briefly on the organization of the MANCID-INWEPF, FAO workshop and the 8th INWEPF Steering Meeting held during 31 Oct. –3 November 2011 in Malaysia. Prof. Kim delivered a keynote speech at the PAWEES conference held on 26 October 2011 at Taipei as its President. These were good examples of cooperation among ICID, PAWEES and INWEPF. The cooperative arrangement with PAWEES is expected to continue at the conference during 27-29 November 2012 in Thailand and with INWEPF in November 2012 in Myanmar. The chairman will keep the members posted on these meetings

Item 6 : Asian Regional Task Force on Climate Change and Irrigation (ARTF-CC)

Mr. Shinsuke Ota (Japan) presented a brief on ICID - WWF6 held in Marseille and the outcome of the ARTF-CC in terms of its report on *"Climate Change Adaptation for Irrigation and Drainage in Asia*". He distributed the report and CD of the same to the members present. All members of the ARSWG and the observers praised the leadership provided by Dr Ota to the ARTF – CC.

Item 7 : The 7th Asian Regional Conference

Mr. Trevor Le Breton (Australia) represented Mr. Ian Atkinson and welcomed the member to Adelaide meetings. He briefly informed the members about the organisation of the 7th ARC on "*Regional Cooperation for water and Food Security"* to be held on 26-28 June 2012.

Item 8 : The 8th Asian Regional Conference

Ms. Fayrap (Turkey) made a presentation on the IEC and 8th Asian Regional Conference to be held from 29 September to 5 October 2013 on the proposed theme *"Irrigation Management under Drought Conditions*". TUCID proposes the following deadlines for receiving abstracts/papers: Last date for submission of abstract of paper(s) -1 November 2012**,** Notification of acceptance of abstracts - 15 January 2013, and Receipt of full text of accepted papers - 15 April 2013.

There was a discussion on the theme and sub-themes of the 8th ARC which will be held in Turkey in 2013. However, it was not sure if the Turkish National Committee could convert the 8th ARC into 1st World Irrigation Forum. It will be discussed and determined in the 63rd IEC on June 28th 2012.

(It has since been decided to organise the World Irrigation Forum (WIF) in place of 8th ARC at Mardin in Turkey in 2013)

Item 9 : Any other business

APPENDIX VI [PCSO Item 9.3]

Minutes of the Twenty-Third Meeting of the
COMMITTEE ON CONGRESSES/CONFERENCES (C-CONGR)
24 June 2012; 15:30-17:30 hours, Adelaide, Australia

Year of Establishment: 1990

Mandate: To recommend general improvement in conduct of Congresses/Conferences sessions; to recommend tasks and duties for General Reporters and Panel of Experts for Congress Questions and Special Session; to study and establish, if needed, the basic guidelines for recommending the tasks and responsibilities of National Organizing Committees; to establish appropriate procedures for selection of Congress Questions, Special Sessions and Symposia; to establish procedures for scheduling of most appropriate workshops, seminars, etc. to be held at the time of Congress; to make recommendations on the number and type of simultaneous meetings at Congresses/Conferences in order to improve effectiveness and attendance; to study and accord advice to the National Committees, for methods to adopted in each case for an effective follow-up of the Conclusions and Recommendations of Congresses/Conferences; and to make recommendations on printing the proceedings for distribution of abstracts in advance.

Members present: (1) Vice President Prof. Kim, Tai-Cheol (Korea, 2012), Convener; (2) Mr. Mehrzad Ehsani, IRNCID representative; (3) Mr. Ian Atkinson, Australian representative; (4) Mr. Syaiful Mahdi Naumin, Indonesian representative; (5) Mrs. Serpil Koylu, Turkey representative; (6) Dr. Arthon Suttigarn, Thai representative; and (7) Dr. Vijay K. Labhsetwar, Director, ICID.

Observers : (i) Vice President Chaiwat Prechawit (Thailand); (ii) Ir. Noel Baines (Australia); (iii) Dr. Huseyin Gundogdu (Turkey); (iv) Mr. Mansur Bilici (Turkey); (iv) Ir. Mehmet Sait Tahmiscioglu (Turkey); (v) Ir. Muge Arbak (Turkey); (vi) Ir. Muharrem Ozdemir (Turkey); (vii) Dr. Aynur Fayrap (Turkey); (viii) Mrs. Remziye Yildiz Gulagaci (Turkey); (ix) Dr. Ahmet Seren (Turkey); (x) Dr. Kwangya Lee (Korea); (xi) Ir. Gun Heo (Korea); (xii) Mrs. Hong Gao (China); (xiii) Mrs. Sakuntala Bhatitrummarak (Thailand); (xiv) Mr. Stephen Mills (Australia); (xv) Dr. Kangwon Choi (Korea); and (xvi) Mr. Hun Sun Lee (Korea).

Website: <http://c-congr.icidonline.org>

Item 1 : Review the membership of the Committee

The representatives present in the meeting were from Korea, Iran, Australia, Indonesia, Turkey and Thailand, besides Dr Labhsetwar from ICID Central office. Representatives from Mali, Egypt, Russia, France and the Netherlands were not present.

Item 2 : Guidelines for conduct of Congress Technical Sessions

Dr. Vijay K. Labhsetwar, Director, ICID briefly described the guidelines given in Annex 1 of the agenda. In view of no comments or suggestions, the guidelines stand accepted by the committee.

Item 3 : Reorganisation of the IEC Annual Meetings with World Irrigation Forum

There was a discussion especially on the theme and sub-themes of the 8th ARC which will be held in Turkey in 2013. However, it was not sure whether the Turkish National Committee could convert the 8th ARC into 1st World Irrigation Forum. It will be discussed and decided in the 63rd IEC on 28 June 2012. Therefore, further discussion was suspended.

(It has since been decided to organise the World Irrigation Forum (WIF) in place of 8th ARC at Mardin in Turkey in 2013)

Item 4 : Feedback from the organizers of past events

4.1 Feedback from 21st ICID Congress and 62nd International Executive Council (IEC) (Iran)

Mr. Mehrzad Ehsani, IRNCID representative, gave valuable feedback on the Tehran Congress (2011). The information included the number of abstracts/papers, participants, and some financial issues etc.

4.2 Feedback from 3rd African Regional Conference (Mali)

The representative from Mali was not available in the meeting.

Item 5 : Briefing on the preparations made for the

5.1 63rd IEC meeting and 7th Asian Regional Conference, 24-29 June 2012, Adelaide, Australia

Mr. Stephen Mills, on behalf of the Australian representative Mr. Ian Atkinson, briefed the Committee on the preparations made for the 63rd IEC meeting and 7th Asian Regional Conference, 24-29 June 2012, Adelaide, Australia.

5.2 11th International Drainage Workshop, 23-27 September 2012, Cairo, Egypt

The representative from Egypt was not available in the meeting.

Item 6 : Preparations for the future events for the next 4 years

6.1 64rd IEC meeting and 8th Asian Regional Conference, 29 September – 5 October 2013, Mardin, Turkey

Mrs. Serpil Koylu (Turkey) made a presentation on the 64th IEC and 8th ARC in Turkey in 2013 at. The proposed theme of 8th ARC is *"Irrigation Management under Drought Conditions*". TUCID proposes the following deadlines for receiving abstracts/papers: Last date for submission of abstract of paper(s) - 1st November 2012**,** Notification of acceptance of abstracts - 15 January 2013**,** and Receipt of full text of accepted papers - 15 April 2013**.**

6.2 12th International Drainage Workshop, St. Petersburg, Russia, June 2014

The representative from Russia was not available. However, the Russian representative did meet the convener after the meeting and gave the general information on the 12th IDW.

6.3 65th IEC meeting and 22nd ICID Congress, 14-20 September 2014, Gwangju Metropolitan City, Republic of Korea

Mr. Hun Sun Lee (Korea), Secretary of KCID apprised the WG about the status of preparation and distributed the 2nd announcement of 22nd ICID Congress, which included information on topics and subtopics, among others. The General Reporters and Panel Experts remain to be appointed. The Central office may take lead in appointing the general reporters and panel experts for the Korea Congress

6.4 66th IEC meeting and 26th European Regional Conference, October 2015, Montpellier, France

The representative from France was not available due to conflicting schedule. However, Dr. Dominique Rollin from France did meet the convener after the meeting and gave the information on themes of the ERC in 2015. They are: (i) Innovations for smallholders in irrigation; (ii) Wastewater use in Agriculture; and (iii) Governance of surface and ground water.

6.5 67th IEC meeting and 9th Asian Regional Conference, 2016, Chiang Mai, Thailand

Dr. Arthon Suttigarn (Thailand) made a presentation on the preparations for 67th IEC and 9th ARC and apprised the committee with general information on the IEC and ARC in 2016.

Item 7 : Proposals for future ICID Conferences

No new proposals were discussed in the meeting.

Item 8 : Website of C-CONGR

The chairman recommended that the organising national committees should send the announcements and related information of the ICID events to Central office on regular basis for providing links to the website of the C-Congress

Item 9 : Any other business

The meeting ended with thanks to the chair.

APPENDIX VII [PCSO Item 9.2]

Minutes of the Eighteenth Meeting of the
WORKING GROUP ON YOUNG IRRIGATION PROFESSIONALS FORUM (WG-YPF)
25 June 2012: 08.30-10.30 hours, Adelaide, Australia

Year of Establishment: 1993

Mandate:

- To provide an international platform for young irrigation and drainage professionals and to encourage and promote a high standard of professional development in the subjects of irrigation, drainage and environment.
- To facilitate the development, acquisition and wider dissemination of knowledge and information about irrigation, drainage, flood management and environment amongst the young professionals.
- To maintain and enhance links with national and international youth having interests in the related subjects or the activities relevant to ICID objectives.
- To educate young professionals about ICID's role, objectives, activities, structure, constitution and By-laws.

Members Present: (1) Mr. Yaser Barghi, Chairman (Iran, 2010) represented by Mr. Mehrzad Ehsani; (2) Ir. Fabian Priandani, Vice Chairman (Indonesia, 2010) represented by Mr. Nanang Rianto; (3) Ms. Hayati Zainal, Secretary (Malaysia, 2010); (4) Dr. Katsuyuki Shimizu (Japan, 2010); (5) Dr. Yacob Beletse (South Africa, 2010); (6) Mr. Piyush Ranjan (India, 2009) represented by Dr. Kota Tirupataiah.

Observers: (1) Mr. Jano Anter (Germany); (2) Mr. Satoshi Sakata (Japan); (3) Dr. Kwangya Lee (Korea); (4) Ms. Kazumi Morinaga (Japan); (5) Mr. Heo Gun (Korea); (6) Mr. Dodi Suryadi (Indonesia); (7) Mr. Hun Sun Lee (Korea)**;** (8) Mr. Nanang Rianto (Indonesia); (9) Mr. Uttamraj Timilsina (Indonesia); (10)Dr. Vijay Labhsetwar, ICID Central Office; (11) Seung-Hwan Yoo (Korea).

Website: http://wg-ypf.icidonline.org

In absence of Chairman Mr. Yaser Barghi (Iran) & Vice Chairman Ir Fabian Priandani (Indonesia), Ms. Hayati Zainal (Malaysia) chaired and conducted the meeting

Item 1 : Review of the membership of the Working Group

(a) New nominations

- Ms. Ezee G.C (Nepal) was represented by Mr. Uttam who introduced Ms. Ezee and her background to the members and observers – there were no objections. Nomination was approved.
- Dr. Ibrahim El Baroudy (Egypt) was neither present nor represented by national committee member and hence his nomination was deferred.

(b) Non-attendance/ contribution

From the attendance and contribution record of Central Office, the attendance of members in 2010 and 2011 meetings were noted. It was noted that Ms. Nepveu de Villemarceau (France) neither attended the past two meetings nor contributed to the activities of WG. Members of the WG agreed with the discontinuation of membership of Ms. Nepveu de Villemarceau. ICID Central Office will invite fresh nomination from the French National Committee.

Item 2 : Review of the progress made by the National Committees in establishing Young Professionals Forum (YPF)

The Chair informed about the progress in establishing YPs. The Central Office invited Canada, Nigeria, Pakistan, South Africa, and Taiwan to provide the feedback on establishing young professionals' forum in their country. The National Committees were informed of concessions provided for the Young Professional. So far there was no response from the invited NC. Therefore, the WG requested further action from Central Office to pursue on this matter.

The Chair also recommended Germany to nominate their YP to become the member for the WG since the representative from Germany was contributing by participating as an observer since the Tehran meeting. WG requested the Central Office to invite nomination from German National Committee. Dr. Yacob Beletse informed that South Africa is planning to activate their YPs. He indicated non-availability of young professionals in the water sector. He will update the WG on this issue in future.

Most of the members highlighted the financial problems that they have to face in order to participate in the ICID events. The WG members hope that a good mechanism and consideration from the ICID may help the YPs in attending the ICID events. The WG proposed that the organizers of the upcoming events to consider fully waiving the fees to select YPs who have contributed and participated actively in the activities of WG.

Item 3 : Review of the progress on preparation of a directory of Young Professionals

The Chair highly thanked National Committees of Japan (JNC-ICID) and Turkey (TUCID) for their response in updating and providing the directory of young professional to ICID Central Office. The Chair requested all NC's to expand and update their directories and submit them to ICID Central Office for posting on the ICID Website as soon as possible.

Item 4 : Establishment of a Network of Young Professionals through development of a web-based platform

The Chair informed and appreciated the efforts made Mr. Yaser Barghi in developing a page for YPF on 'FACEBOOK' at www.facebook.com/icid.ypf. The members from India, Indonesia, and Korea agreed to volunteer and take responsibility to become the administrator and help to update the news, post messages and manage communication among members. The members agreed that the WG should concentrate on Facebook and see the development of the networking before the WG undertakes other ways to contact YPs.

In order to disseminate information among the members of WG, communication through e-mails will be the best way as it will also provide the easiest way to evaluate the participation and contribution of ideas among the members. The Chair requested all members to participate in giving feedback and updates to Mr. Yaser Barghi (Chairman) on regular basis.

Item 5 : Establishment of a Mentorship program in National Committees

The Chair, Mr. Yaser Barghi (Iran) has submitted a draft outline of a Mentorship programme as per the note attached at **Annex**. The Chair opened the discussion about the programme and the members highlighted that the frameworks was a good start to help and strengthen the YPs in ICID. There could be many ways that the mentorship programme can be initiated and some of the ideas that could be included into the Note are as follows:

(i) The seniors (Mentor) give a lecture/sharing knowledge to the group of YPs (Mantee) on the select issues.

(ii) Create the One to One Mentorship, where each member will be selected as a Mantees and Senior Active

(iii) ICID member will volunteer/identified as the Mentor and develop a good relationship and opportunities to learn from the senior member

The members agreed that this framework can be further developed in consultation with the CO and informed to the PCSO meeting for consideration.

Item 6 : Developing an Action Plan for the YPF Working Group

The Chair informed that Mr. Yaser Barghi proposed to further discuss on the action plan for the WG in order to measure the success of the WG activities. The members requested to further look into it before the WG discuss specifically on the outcome. Therefore, the members requested to email the tentative work plan to all members to scrutinize and to suit with their NC programme.

Item 7 : Activities of YPF members

(a) The chair informed that the Central Office invited members:

- to submit their papers for publication in ICID Journal well in advance by accessing the link at <http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1531-0361>.
- to prepare and submit briefs on YPF activities pertaining to their country/NC, so that it can be incorporated in the forthcoming issue of the YPF Newsletter.
- to compete in WatSave Awards by sending the best works or performance of Young Professionals in their country/NC *(no nomination received in 2011 and 2012)*

(b) The chair also recommended to all YPs of the active NC to nominate their YPs to compete in WatSave Awards. The possible nomination might came from Iran, Korea, India and Japan since YPs from these NCs have many publications and papers presented in the ICID conferences. The members requested Central Office to further inform these NC and provide the guidelines to pursue with the nomination later on.

(c) Mr. Mehrzad Ehsani (Iran) informed that the IRNCID-YPF activities were as follows:

- Publication of the book titled “Irrigation Systems”
- Preparation of the book “Contemporary Water and Irrigation practices in Iran”
- Preparing a publication on Irrigation Terminology for academic purposes
- Preparation, publication and circulation of seasonal newsletter
- Translation of new books
- Preparation of a DVD including water-related software and applications
- Preparation of a DVD about “IRNCID’s experiences through Half a Century”
- Organizing technical workshops
- Organizing the 13th National Irrigation and Drainage Seminar
- Annual time schedule for the working group
- Performance assessment of IRNCID working groups
- Follow-up regarding visit of Iranian delegates to Germany
- Coordination with Water and Irrigation faculties and asking for representative members

(d) Mr. Nanang Rianto (Indonesia) presented the INACID-YPF activities as follows:

- Organizing group discussion
- Organizing YPF Seminar in 2012 which will be in line with the topic of 8th ARC and 64th IEC Meeting in Turkey in 2013.
- To establish a technical paper database
- Being more active and aggressive in contributing to the newsletter and ICID website.
- Broadening networks through the existing YPF website.
- To promote the participation of YPF-INACID in Watsave program

(e) Ms. Hayati (Malaysia) disseminated the current bulletin of MANCID and informed that after the Tehran meeting, MANCID organized the INWEPF meeting in Penang, MANCID Annual Conference in Perak and a Knowledge Sharing session with the YPs at the Irrigation Scheme in Selangor to educate their YPs about the infrastructure in Irrigation Paddy Scheme. The YPF-MANCID also plans to organize a Mentor Sharing Session with the senior members of ICID in Malaysia.

(f) Dr. Katsuyuki Shimiza (Japan) informed that they have an active annual meeting amongst the YPs members in Japan and their programme was based on the knowledge sharing related to the projects and research output within their NC

(g) Dr. Yacob Beleste (South Africa) informed that the South Africa was looking forward to be actively encouraging their YPs.

(h) Mr. Heo Gun (Korea) informed that their activities were knowledge based activities with among the members of YPs in Korea.

The Chair hoped that more knowledge based activities will be conducted in every National Committee in order to promote more YPs to join the YPF programme in future.

Item 8 : Any other business

Mr. Gwang Ya Lee (Korea) presented Korean invitation for the 22nd International Congress and 65th IEC Meeting on Irrigation and Drainage scheduled to be held in 2014 at Guangju, Korea. The WG proposed that Korean National Committee should organize a Special Session for the Young Professionals during the Congress, besides regular meeting. The WG also highlighted that in order to make the YPs participate actively in Korea, the Korean NC is requested to consider special rates for the active select YPs in the working group to attend the ICID Congress in Korea.

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Annex [Appendix VII, Item 5]

YOUNG PROFESSIONAL MENTORSHIP PROGRAM

Submitted by Mr. Yaser Barghi (Iran), Chair WG-YPF

Due to fast pace of technology improvement and the change of communication means, there is a gap between different generations of professionals. Mentorship Program is trying to bridge this gap and connect the young professionals to senior level experts in water-related and environmental fields. This would provide the basis for development of a relationship between a Mentor and a Mentee.

The Mentor is an established professional who is willing to voluntarily guide and couch a Mentee (Young Professionals and fresh Graduates) to integrate him/her into the Water, Irrigation, Drainage, Agriculture or Environmental Engineering and related Sciences.

Both Mentors and Mentees will be screened by National Committees and based on specific criteria, after meeting the minimum requirements they would be matched and connected. The period of Mentorship program would be stated in the first agreement between the two and could be extended as required.

Mentorship Program aims to provide an opportunity for Young Professionals to directly contact senior experts in the water-related fields and benefit from their experience and knowledge. It is not the objective of this program to provide mentees with job opportunities from their mentors.

At first stage, the Mentorship Program is recommended to be implemented in some countries as pilot program at national level. The National Committee would implement the program and interested corporate can become partners with the National Committees.

Benefits of Mentorship Program

For mentees:

- Expand their professional network
- Get familiar with workplace culture
- Improve professional and technical knowledge
- Increase their self-awareness by knowing their strengths and weaknesses
- Continue learning and relate academic knowledge with engineering practices

For mentors:

- Personal satisfaction and contentment by making a positive impact in the society, through leading and coaching Young Professionals to success
- Connect to fresh talents
- Opportunity to explore new areas of knowledge which could be practiced in the industry
- Develop coaching, communication, and leadership skills

APPENDIX VIII [PCSO Item 9.1]

Minutes of the Third Meeting of the
WORKING GROUP ON IRRIGATION AND DRAINAGE IN THE STATES UNDER SOCIO-ECONOMIC TRANSFORMATION (WG-IDSST)
25 June 2012; 08.30-10.30 hours, Adelaide, Australia

Year of Establishment: 2009 **Completion of the Mandate 2015**

Mandate:

- to develop and strengthen the network among the countries of transition;
- to organize monitoring and evaluation of common problems in the States that belong to transition economy;
- to create database and exchange of information about changing situation in Irrigation and Drainage in these States and to attract global and national attention to existing trends affecting global and national food security and wellbeing of rural population;
- to summarize the experiences in overcoming negative tendencies in organizing public-private partnerships, implementation of IWRM and broad-basing of stakeholder;
- to monitor the ecological situation in the transition states, including problems of closed basin (Aral Sea, Caspian Sea), salinization and water logging, etc.;
- development of appropriate advance irrigation and drainage technology in transition states and its dissemination through capacity building;
- to promote farmer's training to create awareness about irrigated and drainage agriculture.

Members Present: (1) Prof. N. Hatcho (Japan); (2) Mr. Vladimir Kundius (Russia); (3) Mr. Bernard Vincent (France); (4) Secretary General, ICID represented by Dr. Vijay K. Labhsetwar.

Office Bearer: President Prof. Gao Zhanyi (China)

Observers: (i) Mr. Kadjonga Tchouadang (Chad); (ii) Dr. Koichi Miharu (Japan); (iii) Ms. Mary-Jean Gabriel (South Africa); (iv) Ms. Louise Whiting (Italy); (v) Mr. Thierry Facon (Thailand); (vi) Dr. Tapas Biswas (Australia); (vii) Mr. Kotaro Mizoguchi (Japan); (viii) Louise Whiting (FAO); (ix) Dr. Mukhamedjanov Shukhrat (Uzbekistan).
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In absence of VPH Peter Kovalenko, Prof N. Hatcho (Japan) chaired the meeting.

Item 1 : Review of the membership of the Working group

The nomination of Mr. Ravshan Mamutov (Uzbekistan) was deferred to the next meeting of WG in 2013 since he was not present. The chairman suggested to contact with Uzbekistan since two persons from the same country cannot be members on the same workbody as per ICID bylaws. The following four members were replaced on the basis of non-attendance and no communication with ICID during the last 2 or more consecutive years/meetings:

- Mr. John Osterberg (USA),
- Eng. M.S. Adamu(Nigeria)
- Mr. Ron W. Coley (Canada)
- Mr. M. Falciai (Italy)

ICID Central Office will invite fresh nominations from the respective National Committees. The chairman further suggested to contact states under socio economic transition for new members on this WG.

Item 2 : Develop and strengthen the network among the countries

VPH Kovalenko has prepared a general concept for a generalisation of reforming experiences on irrigation and drainage systems in the countries with transition economies. In absence of response from FAO, the WG members are invited to submit their country experiences to chairman for discussion during the next meeting of the WG in 2013.

Item 3 : Monitoring and evaluation of common problems in States with economy in transition

List of problems and matrix of impact was circulated among members. The members may provide their feedback for further discussion during the next meeting of the WG in 2013

Item 4 : Create database on Irrigation and Drainage in the countries of transition

Central Asia regional information base is available at www.cawater-info.net/data_ca/. Also ICID has a database for each member country. The members may utilize available information base for achieving the outcome of the WG.

Item 5 : Develop public-private partnerships and implementation of IWRM

Presentation was made by Mukhamedjanov Shukhrat (Uzbekistan) on IWRM in central Asia for information among members.

Item 6 : Identify and monitor problems (ecological situation) of closed basins

There are 10 major closed basins in the world. WG will seek collaboration with LCBC (Lake Chad basin Committee). WG requested Mr. Tchouadang Kadjonga, who was present as an observer from Chad, for developing further collaboration. It was recommended that, Secretary General may contact IUCN for possible support/collaboration on solving problems related to ecological disasters in closed basins.

Item 7 : Development of appropriate advanced irrigation and drainage technologies

Chairman will contact IWMI/ICARCA for information on available technologies.

Item 8 : Create awareness about irrigated (drained) agriculture (capacity building)

Three publications on the possible approach for developing the outcome of WG (available in the web: www.cawater-info.net/data_ca/) was noted.

Item 9 : Publicizing outcome of ICID workbodies

WG will consider developing possible outcome by the end of its term.

Item 10 : Any other business

The meeting ended with thanks to the chair.

APPENDIX IX [PCSO Item 8.4]

Minutes of the Eighteenth Meeting of the
EUROPEAN REGIONAL WORKING GROUP (ERWG)
25 June 2012:11:00-12:30 hours (Session-I) and 13:30-15:00 hours (Session-II), Adelaide, Australia

Year of Establishment: 1995

Mandate: The mission of ERWG is to promote awareness about critical ICID relevant water issues at all levels in Europe and to pay special attention to the environmentally sustainable water management in Europe.

Members present : (1) Vice President Hon. Dr. Laszlo Hayde, Chairman (2010) (Hungary, 2005); (2) Mr. Olli-Matti Verta, Secretary (Finland, 2011); (3) Dr. Irina Bondarik (Russia, 2010); (4) Dr. Michele Angelo Cuccaro (Italy, 1996) represented by Dr. Graziano Ghinassi; (5) Mr. Pol Hakstege (The Netherlands, 2007) represented by Dr. Maurits Ertsen; (6) PH Peter S. Lee (UK, 2011); (7) Dr. Irina G. Pankova (Russia, 2007) as Young Professional represented by Mr. Koustantin Tolusakov; and (8) Secretary General, ICID represented by Dr. Vijay K. Labhsetwar, Director, ICID.

Office Bearers :(i) Dr. GaoZhanyi (China), President, ICID; and (ii) PH Bart Schultz (The Netherlands).

Observers : (i) Dr. Ramana Gowda Patel (India); (ii) Dr. Dominique Rollin (France); (iii) Ir. Jano Anter (Germany); (iv) Prof. Klaus-Dieter Vorlop (Germany); (v) Dr. Anna Tedeschi (Italy); (vi) Mr. Malcolm Fry (Australia); (vii) Osmo Purhonen (Finland); (viii) Mr. Ian O'Callaghan (Australia); (ix) Prof. Takanori Nagano (Japan); (x) Mr. Jaakko Sierla (Finland)

Ex-Office Members : No ex-officio members were present.

Website :<http://www.erwg.icidonline.org>

Item 1 : Review of the membership of the Working Group

VPH Prof. dr. Brane Maticic (Slovenia),VPH Dr. Ricardo Segura (Spain), Mr. Pol Hakstege (The Netherlands) and Mr. Mati Tonismae (Estonia) have informed that they cannot be present in Adelaide.

Ms. Sabine Walser (Germany) who became young professional member in 2011 Tehran has informed by e-mail about her name change due to marriage. Her new name is Dr. Sabine Seidel, e-mail address sabine.seidel@tu-dresden.de.She has also informed that she will not be attending the Adelaide meetings.

Germany informed that according to the earlier communication, Dr. Klaus-Dieter Vorlop will be replacing Dr. Eiko Lubbe representing the German National Committee in ERWG. Based on the discussion in the Groningen Interim meeting, ERWG approved the nomination.

The Russian NC has nominated Dr. Irina Bondarik as an official member of the ERWG. ERWG approved the nomination.

The Italian observer informed that the Italian member of ERWG Dr. Michele A. Cuccaro is not active anymore in ICID and the Italian NC will nominate a new member to the ERWG in due course of time.

Macedonia and Serbia-Montenegro have been inactive and have not paid the membership fee and thus will be removed from the membership list.

Efforts made by Central Office and the Chairman for ERWG memberships were noted. The updated list of country representatives, based on the approved nominations by this meeting, observers, composition of various Work Teams, together with association with European Professional organizations are available in **Annex 1**.

Item 2 : Links with regional and trans-national organizations for co-operation

The ERWG Water Network includes 5 European professional organizations, 7 National Water Management Associations and 6 European Water Management Institutes (Annex 1). The Chairman invited members to strengthen these links further and asked the WG members to send the feedback, if any, on the interaction or cooperation with any of the above associations to Central Office.

Item 3 : Dialogue on Water for Food and Environment

The ICID-ERWG will continue to co-operate with Central and Eastern Europe Global Water Partnership (CEE-GWP) and World Wide Fund of Nature (WWF) and share invitations for conferences organized by ICID like European Regional Conferences and International Drainage Workshops.

The ERWG members reported the continued dialogue on the following topic on WFD and its implementation through tools of the Common Agriculture Policy for the year 2007-2013.The new Directives can be accessed at following website:<http://ec.europa.eu/environment/water/>

The Chairman encouraged the members to actively participate in this dialogue and send feedback for further discussion.

Item 4 : European Work Team on Water Related Risk Analysis (EWTWRRA)

Mr. Osmo Purhonen (Finland) presented the inventory and a proposal for the work plan of the WT to the ERWG as detailed in **Annex 2.**

PH Peter Lee (UK) informed the ERWG about two events on Water Security held 2011 in UK: “Water and UK Foreign Policy” and “Water Security: Program in Theory and Practice”. These were both organised by Bruce Lankford, the Chairman of ICID.UK. There have also been activities in the UK to get agricultural and water management people into better communicate with each other.

PH Peter Lee (UK) also informed the ERWG that VP Dr. Ragab Ragab gave evidence to the UK All Party Group on Agriculture and Food development. He will prepare a write-up on this.

The Chairman reminded that the members of the WT don’t have to be members of the ERWG. The WT could include professionals active in the area from different countries and the activity could be shared electronically. UK informed that they could probably arrange a meeting about this issue. Dr Dominique Rollin, Secretary General of AFEID (France)will also nominate members for the WT, who are working in this field. UNESCO-IHE could also be involved in this activity/WT.UK/ERWG suggested to organise a Water Security seminar or session in the proposed World Irrigation Forum(WIF) in Turkey(2013). In case the WIF is accepted, the details of the seminar will be worked out.

Chairman has invited nominations from member countries in ERWG for membership of the new Work Team.

Item 5 : European Work Team on Sustainable Irrigation Management (EWTSIM)

In absence of VPH Peter Kovalenko, Chairman of the WT, the new proposal (see Item 5 in the agenda) could not be discussed.

The Chairman informed the members that he had a meeting with GIZ (restructured bigger organization than the former GTZ) representatives [Dr. Elisabeth van den Akker, Jutta Schmitz, (Department Rural Development and Agriculture) and Barbara Gerhager (Department Water, Energy and Transport)] in Delft. The above mentioned project publication was also discussed.

It was decided by the ERWG meeting to keep this item in the Agenda for further potential follow-up actions.

Item 6 : European Work Team on Drainage (EWTDRA)

RuCID has nominated Dr. Konstantin P. Tuluzakov as a Chair of the EWTDRA, who presented his institute's activities to the meeting. ERWG approved his nomination.

Item 7 : Conferences supported by ERWG

7.1 12th International Drainage Workshop in June 2014 at St. Petersburg, Russia

Dr. Irina Bondarik (Russia) informed the members on the preparations for the 12th IDW.

The ERWG decided and asked RuCID to organize an Interim Meeting simultaneously with the Drainage Workshop at St. Petersburg in June 2014.

Item 8 : ERWG Letter Editorial Board

At Tehran (2011), it was reported that the National Committees in ERWG were invited to offer their proposals to work on the 'ERWG Letter'. In absence of any proposal, the representative from UK proposed merging the newsletter with the ERWG website.

It was decided to keep this item in the Agenda for further potential follow-up actions.

Item 9 : Young Professional Fora

The ERWG proposed that there will be a Young Professional Fora also in the IDW at St. Petersburg.

Item 10 : Any other business

(i) 6th World Water Forum, Marseille, France

The 6th World Water Forum (WWF6) was held during 12 -17 March 2012 at the French city of Marseille. The event and the outcome of the Forum were presented to the members of ERWG by PH Bart Schultz during the meeting. More information is available at :<http://www.worldwaterforum6.org/en/> and http://www.icid.org/wwf6/

Please see also PH Bart Schultz on <http://www.youtube.com/watch?v=oM34qEAWUPY>

(ii) 'Henri Tardieu Award'

The representative from AFEID, Dr. Dominique Rollin informed the members that the 'Henri Tardieu Award' will not be given out in 2012, due to administrative problems.

(a) The Chairman called the attention of ERWG members about the Vice Presidents election taking place in Adelaide. Dr. Laszlo Hayde's Vice Presidency term will end here in Adelaide. There is still one European VP remaining active, Dr. Ragab Ragab (UK). However in this election there is one candidate from Europe: Mr. Francois Brelle (France) who is serving as President of AFEID for several years now. The Chairman would like to call the attention of the ERWG members on the opportunity to vote for the European candidate for Vice President of ICID.

(b) There was a regional workshop and seminar organised by the Estonian NC (ESTCID) and the Ministry of Agriculture on May 17 and 18, 2012. The Chairman was invited as VP of ICID and gave presentation on ICID activities for both the Workshop *"Land Reclamation Plans for 2020"* and the Seminar on *"Melioration Activities to Diffuse Non-Point Source Pollutions"*. More than 100 participants attended from the region: Estonia, *Latvia*, Lithuania, Finland and Russia.

(c) The French representative informed the meeting about the '*Drainage National Day*' to be organized in France on Jan 31st 2013 in French language.

Regulated drainage, controlled drainage are innovative solutions towards excess water management in the territories and an ecological upgrade of the water cycle.

Nowadays drainage is no more a vocation for agricultural single use. The former practices consisting ~~in~~ of piping in outlet (we do not care about!) have to shift to a systemic and integrated method where the water cycle is comprehensively taken into account. This opens up study areas in ecologic engineering i.e. quality of drainage waters, to develop practices or create devices capable to mitigate adverse effects. Experimental results and solution evolved by Farmers will be shown and a round table discussion will be organized for administrative and farmer's representatives.

Those who are interested can contact Bernard VINCENT or Dominique ROLLIN.

Annex 1 [Appendix IX, Item 1]

EUROPEAN REGIONAL WORKING GROUP (ERWG)

Profile

The European Regional Working Group (ERWG) of ICID was founded at the 46th IEC Meeting in Rome in September 1995, and is acting under the motto "Comprehensive land and water management in European river basins for the sustainable development of the rural landscape". The tasks of ERWG can be summarized as follows:

- Knowledge transfer and exchange of experience in matters of border crossing water and land management in European countries
- Co-operation of experts and organisations engaged in national, supranational and international objectives of water management and irrigated agriculture
- Development and promotion of border crossing projects and conferences
- Members are the ICID National Committees of 22 European countries, as below, with nominations and modifications approved by the 18th Meeting of ERWG in Adelaide 2012 :

Country Representatives			
Austria	Mr. Frederick M. Cate	**Italy**	Dr. Michele A. Cuccaro
Croatia	Prof. Davor Romic	**Lithuania**	Dr. Antanas Maziliauskas
Cyprus	Mr. NicosTsiourtis	**Portugal**	Mr. Pedro Eduardo da Cunha Serra
Czech Republic	Prof. Svatopluk Matula	**Romania**	Prof. Ion M. Nicolaescu
Estonia	Mr. Mati Tonismae	**Russia**	Dr. Irina Bondarik
Finland	Mr. Jaakko Sierla Mr. Olli-MattiVerta as Young Professional	**Slovenia**	Prof. BraneMaticic
France	Dr. Sami Bouarfa	**Spain**	Mr. Ricardo Segura Graino
Germany	Dr. Klaus-Dieter Vorlop Dr. Sabine Seidel as Young Professional	**Switzerland**	Mr. Claude Alain Vullier
Greece	Prof. Dr. A. Poulovassilis	**The Netherlands**	Mr. Pol Hakstege
Hungary	Dr. Laszlo Hayde	**Ukraine**	Prof. Peter Kovalenko
Ireland	Dr. John Martin	**United Kingdom**	Mr. Peter S. Lee

Chairman : Dr. Laszlo Hayde (Hungary)
Vice-Chairman : Prof. Dr. Peter Kovalenko (Ukraine)
Secretary (1) : Mr. Olli-MattiVerta (Finland)
Secretary (2) : Ms. Dr. Irina Bondarik (Russia) *for Russian speaking countries*
Observer : Mr. Mohammed Benblidia (IME)

Countries with observer status

Bosnia & Herzegovina : Prof. Dr. Mihovil Vlahinic
Moldova: Mr. Valeriu Catrinescu

Subordinate Work Teams

European Work Team on Water Related Risk Analysis (EWTWRRA)

Chairman *To be elected*
Members *To be elected*

European Work Team on Sustainable Irrigation Management (EWTSIM)

Chairman Prof. Peter Kovalenko (Ukraine)
Members Mrs. Helena Aijo (Finland),
Mr. Frederick M. Cate (Austria),
Mr. Jan Cermak (Czech Republic),
Prof. Dr.-Ing. Joachim Quast (Germany),
Dr. Olga Zhovtonog, Secretary (Ukraine),
Mrs. Ildiko Zima Szaloki (Hungary)

Observer World Bank representative

European Work Team on Drainage (EWTDRA)

Chairman Dr. Konstantin P. Tuluzakov(Russia)
Members Dr. Irena Bondarik, Secretary (Russia)
Prof. Brane Maticic (Slovenia),
Dr. Iulian Mihnea (Romania),
Mr. ToomasTimmusk (Estonia),
Dr. Nicola Yacik (Ukraine),
Mr. Daniel Zimmer (France)

Editorial Board of ERWG Letter (EBLET)

Editor to be elected
Secretary to be elected
Members to be elected

Water Network

In addition to the European National Committees of ICID, the following organizations/association/institution has been incorporated in the ERWG Water Network:

5 European professional organizations

- CIPR - Commission Internationale pour la Protection du Rhin
- EurAgEng - Special Interest Group on Soil and Water, European Society of Agricultural Engineers
- EWA - European Water Association
- EWRA - European Water Resources Association
- TECHWARE - Technology for Water Resources

7 National Water Management Associations

- BSHE - Bulgarian Society of Hydraulic Engineers
- DWA - German Association for Water Management, Waste Water and Waste
- DONBH - Society for Irrigation and Drainage of Bosnia & Herzegovina
- LZHIS - Lithuanian Association of Land and Water Management Engineers
- MHT - Hungarian Hydrological Society
- RSRE - Russian Society of Reclamation Engineers
- SITWM - Polish Association for Water Plant Construction and Land Improvement Engineers andTechnicians

6 European Water Management Institutes

- ACVAPROJECT - Water Management Design Institute (Moldova Republic)
- DHI - Danish Hydraulic Institute
- IIDS - Institute of Irrigation and Development Studies, University of Southampton (United Kingdom)
- RIIDHE - Research Institute for Irrigation, Drainage and Hydraulic Engineering (Bulgaria)
- VITUKI - Water Resources Research Centre Plc. (Hungary)
- IME - Institut Méditerranéen de l'Eau (France)

Work Results

- ERWG Letter No. 1 to 20 (newsletters)
- Irrigation Sector Reform in Central and Eastern European Countries (project report book/CD)
- European Sector Vision on Water for Food and Rural Development (report)
- ICID Guide "How to work out a drought mitigation strategy" (guideline)
- Water Resources Management in the Czech Republic, Hungary, Lithuania, Slovenia (book)
- Diffuse Entries in Rivers of the Odra Basin (research report)
- Proceedings of several European conferences
- First and Second CEE WFE Dialogue Reports (Dialogue on Water, Food and Environment – Dialogue on the implementation of the EU Water Framework Directive in Agriculture in the Central and East European Countries) (reports)
- Danube Valley : History of Irrigation, Drainage and Flood Control (book)

Projects

- Flood risk mitigation by agricultural non-structural measures
- Drought mitigation strategies
- Implementation of the European Water Framework Directive
- Flood plain management on Odra, Nemunas and Vistula
- Flood prevention strategies
- Point and diffused pollutants in the Odra basin
- Sustainable irrigation and drainage management under the conditions of transitional economy
- Dialogue on water for food and environmental security in Central and Eastern Europe

Annex 2 [Appendix IX, Item 4]

WATER RELATED RISKS
INVENTORY OF ONGOING ACTIVITIES IN EUROPE

1. Background

In the 2011 annual ERWG meeting in Tehran, it was decided in principle to merge the current two work teams, i.e. European Work Team on Drought (EWTDRO) and European Work Team on Floods (EWTFLO), to create a new Work Team under the name Work Team on Water Related Risk Analysis (EWTWRRA). The mandate and work programme of this new Work Team was discussed on the basis of the paper prepared by the Dr. Szalai of Hungary. The meeting decided to discuss the topic again in Adelaide 2012 meetings after the presentation of the Finish NC on a brief inventory about the ongoing activities in this area in the EU.

This paper is the above mentioned inventory prepared by Mr. Osmo Purhonen, MSc, Finland.

2. Purpose of the Inventory

The purpose of this paper is to record in this field some of the ongoing initiatives and activities by public authorities and organizations in Europe and those international activities which have influence to Europe - research activities, which are extensive, are not covered. This would provide background for further discussions in the next ERWG meeting and for defining the mandate and work plan of the Work Team on Water Related Risk Analysis (EWTWRRA).

The risks considered here are floods and droughts. The focus is on irrigation and drainage in agriculture.

3. Ongoing activities

3.1 Floods

3.1.1 EU Directives

The activities related to floods in Europe are now directed and coordinated by EU directive on floods.

Directive 2007/60/EC on the assessment and management of flood risks entered into force on 26 November 2007. This Directive now requires Member States to assess if all water courses and coast lines are at risk from flooding, to map the flood extent and assets and humans at risk in these areas and to take adequate and coordinated measures to reduce this flood risk. Its aim is to reduce and manage the risks that floods pose to human health, the environment, cultural heritage and economic activity.

As the Floods Directive has now entered into force the implementation of the Directive is starting, and the timetable is clearly set out. The Directive which applies to all kinds of floods (river, lakes, flash floods, urban floods, coastal floods, including storm surges and tsunamis), on all of the EU territory requires Member States to approach flood risk management in a three stage process whereby:

1. Member States will by 2011 undertake a preliminary flood risk assessment of their river basins and associated coastal zones, to identify areas where potential significant flood risk exists.
2. Where real risks of flood damage exist, they must by 2013 develop flood hazard maps and flood risk maps for such areas. These maps will identify areas with a medium likely hood of flooding (at least a 1 in 100 year event) and extreme events or low likelihood events, in which expected water depths should be indicated. In the areas identified as being at risk the number of inhabitants potentially at risk, the economic activity and the environmental damage potential shall be indicated.
3. Finally, by 2015 flood risk management plans must be drawn up for these zones. These plans are to include measures to reduce the probability of flooding and its potential consequences. They will address all phases of the flood risk management cycle but focus particularly on prevention (*i.e.* preventing damage caused by floods by avoiding construction of houses and industries in present and future flood-prone areas or by adapting future developments to the risk of flooding), protection (by taking measures to reduce the

likelihood of floods and/or the impact of floods in a specific location such as restoring flood plains and wetlands) and preparedness (e.g. providing instructions to the public on what to do in the event of flooding). Due to the nature of flooding, much flexibility on objectives and measures are left to the Member States in view of subsidiary.

These steps need to be reviewed every 6 years in a cycle coordinated and synchronized with the Water Framework Directive (WFD) implementation cycle.

The Directive shall be carried out in coordination with the Water Framework Directive, notably by flood risk management plans and river basin management plans being coordinated, and through coordination of the public participation procedures in the preparation of these plans. All assessments, maps and plans prepared shall be made available to the public.

The Directive has a strong connection and influence in agriculture and agricultural risk management. It gives opportunity for the agricultural sector to air its views and requirements in flood risk management and will give basis and information for sector's own plans and actions. The flood risk management plans, when implemented, will better define flood risk areas, improve flood early warning, improve flood management and reduce flood risk. However, the tendency to move from traditional flood prevention measures (dikes and reservoirs) toward more natural flood management methods (natural wetlands, designated flooding areas), may require new thinking in the agriculture in the flood risk areas.

More information on the Flood Directive in available e.g. on http://ec.europa.eu/environment/water/flood risk/index.htm

3.1.2 World Meteorological Organization

The World Meteorological Organization (WMO) has a long tradition in developing weather, water and climate related services. In this context, disaster risk reduction is highly important, and flood issues form one key area. The WMO Flood Forecasting Initiative (FFI / http://www.wmo.int/pages/prog/hwrp/FFI-index.html) was developed in 2003 in order to enhance the ability of National Meteorological and Hydrological Services to cooperate in an effective manner to provide improved flood forecasting services. The WMO Congress endorsed FFI strategy and action plan in 2007, and since then the initiative has resulted in increased activities in flood forecasting collaboration, training and technical support. The WMO Regional Association Europe has been active in promoting FFI: currently several events are being organized annually in Europe within this framework.

WMO Regional Association Europe has also an own networking activity on flood forecasting. A Task Team of 15 experts collects information on methodological developments related to flood forecasting and shares this knowledge within the community (http://www.wmo.int/pages/prog/dra/eur/RA6_WG_CH.php). During the last years, flash flood forecasting and management has been a priority topic both at global and European level.

3.1.3 European Flood Alert System

The European Flood Alert System (EFAS) has been developed by the European Union Joint Research Centre (JRC) in cooperation with Member State Hydrologic Services. EFAS aims at flood warnings about one week before the potential event so it does not fulfil the role of short-term flood forecasting. EFAS is strongly based on the services given by the European Centre for Medium-Range Weather Forecasts (ECMWF). During the recent years, real-time hydrological observations have been integrated in the system in order to correct the status of flood model. EFAS has the highest potential in countries that do not have a national flood forecasting system. Currently EFAS is moving from development and test phase into operational system, and national actors are taking responsibilities for various EFAS components.

3.2 Droughts

The Directive has a strong connection and influence in agriculture and agricultural riskSeveral activities related to drought are ongoing at the moment in Europe:

- EU action on Water Scarcity and Droughts

- European Drought Observatory
- The Mediterranean Water scarcity and drought Working Group (MED-EUWI Water scarcity and drought WG)
- Drought Management Centre for South-eastern Europe - DMCSEE
- World Meteorological Organization WMO
- The UN International Strategy for Disaster Risk Reduction (ISDR)

3.2.1 EU action on Water Scarcity and Droughts

EU has become concerned of droughts and water scarcity, particularly after the launching of the Water Framework Directive in 2005. A special body – Water Scarcity and Drought Expert Network, later Water Scarcity and Drought Expert Group, was established in 2006 to look into these issues. The Member States, and key institutions and interest groups, such as European Environmental Agency, Joint Research Center, European Drought Observatory, WWF are represented in the group. So far the Group has worked on the definition of a drought as a phenomenon, prepared a model river basin drought management plan, worked on the establishment of a set for criteria for droughts and water scarcity, and advised the Commission on other issues related to drought and water scarcity.

In 2007 Communication ***"Addressing the challenge of water scarcity and droughts"*** from the European Commission was adopted [COM(2007)414]. The Communication includes a number of measures monitoring, forecasting, prevention and mitigation of droughts and water scarcity. Implementation of these measures by the Member States is periodically assessed through annual ***Follow-up Reports***.

At the moment the Commission is preparing a Water Scarcity and Droughts Policy Review which will be part of the "Blue Print for Safeguarding European Waters" to be presented by the end of 2012.

More information on EU's activities can be found in http://ec.europa.eu/environment/water/quantity/scarcity_en.htm

3.2.2 European Drought Observatory

EDO is maintained by the DESERT Action of the European JRC (Joint Research Centre).Due to the increased need for consistent and timely information on droughts on the European scale, the DESERT Action of the European JRC (Joint Research Centre) is developing a European Drought Observatory (EDO) for drought forecasting, assessment and monitoring. The development of EDO benefits from the expertise and data available through the development of the European Flood Forecasting System (EFAS).

This first test version of a European Drought Observatory provides European-wide data on drought relevant products such as precipitation, soil moisture, and photosynthetic activity of the vegetation cover. The current drought situation in Europe (map) can be viewed at http://edo.jrc.ec.europa.eu/php/index.php?id=16

3.2.3 The Mediterranean Water scarcity and drought Working Group

The Mediterranean Water scarcity and drought WG (MED-EUWI Water scarcity and drought WG) is one of the three thematic groups launched for the Phase I (2004-2006) in the framework of the Mediterranean Joint Process between the EU Water Framework Directive (WFD) and the Mediterranean Component of the EU Water Initiative.

This group is strongly interfaced with the Drafting Group set up by the EU Water Directors in the Framework of the 2005-2006 work programme of the Common Implementation Strategy (CIS). In order to merge the efforts and share experiences between EU and non EU water experts, the CIS drafting group includes two representatives of the Mediterranean working group.

A first Mediterranean report on Water Scarcity and Drought) has been prepared as a result of the first phase. It includes technical specifications and specific recommendations for the Mediterranean, based on the WFD approach and the experience of the EU and non-EU countries of the region as well as the regional and international organisations.

At the Euro med water directors meeting held in Athens in November 2006, it was decided to include this theme for the second phase of the Med Joint Process.

The overall objective of the ed WG is to share information on definitions and possible actions in order to react on scarcity issues. For the 2nd phase, the objective is to have an overview of the magnitude of the problem of water scarcity and droughts in the Mediterranean, particularly an assessment of their impacts, and exchange information on possible alternatives of water use that contribute to its saving and could be applied by different types of users.

More information can be obtained from http://www.semide.net/topics/WaterScarcity

3.2.4 Drought Management Centre for South-eastern Europe - DMCSEE

Drought is a normal part of climate in virtually all regions of the world. South Eastern Europe is no exception; in past decades the drought-related damages have had large impact on the economy and welfare. Therefore the need to establish a Drought Center for SE Europe to alleviate the problems caused by drought in the area became evident at the end of the past century. The idea was further elaborated by International Commission on Irrigation and Drainage (ICID) and UN Convention to Combat Desertification (UNCCD). The UNCCD national focal points and national permanent representatives with the World Meteorological Organization have agreed upon the core tasks of the Drought Management Center for South Eastern Europe (DMCSEE) and the proposed project document.

The mission of the proposed DMCSEE is to coordinate and facilitate the development, assessment, and application of drought risk management tools and policies in South-Eastern Europe with the goal of improving drought preparedness and reducing drought impacts. Therefore DMCSEE will focus its work on monitoring and assessing drought and assessing risks and vulnerability connected to drought.

More information can be found on http://www.dmcsee.org

3.2.5 World Meteorological Organization

The fight against drought receives a high priority in WMO. The Organization involves National Meteorological and Hydrological Services in regional and sub-regional cooperative projects such as the operation of Drought Monitoring Centres in Eastern Europe and Africa. In particular, WMO promotes research on the interactions between climate, the hydrological regime and drought in the context of climate variability, change and water resources scarcity. With a view to developing appropriate response strategies, WMO's efforts in drought forecasting and mitigation are supplemented by public awareness and education and training activities.

WMO has, among other activities related to drought, developed a Standard Precipitation Index (SPI) for drought assessment and is planning to issue a SPI manual later this year. WMO has also contributed on a chapter on drought risks for the 2011 UN Global Assessment Report on Disaster Risk Reduction.

Currently, WMO and the Global Water Partnership are proposing an Integrated Drought Management Programme. This programme is targeting intergovernmental, governmental and nongovernmental organizations involved in drought monitoring, prediction, drought risk reduction and management. The primary beneficiaries are expected to be governmental institutions, agencies responsible for developing drought management policies and/or implementing systems for drought monitoring, prediction, preparedness and mitigation. The principal approach is to develop global co-ordination of efforts to strengthen drought monitoring, risk identification, drought prediction and early warning services and development of drought management knowledge base.

3.2.6 The UN International Strategy for Disaster Risk Reduction (ISDR)

Created in December 1999, UNISDR is the secretariat of the International Strategy for Disaster Reduction (ISDR). The mandate of UNISDR expanded in 2001 to serve as the focal point in the United Nations system for the coordination of disaster reduction and to ensure synergies among the disaster reduction activities of the United Nations system and regional organizations and activities in socio-economic and humanitarian fields (GA resolution 56/195). This was in response to a need for mainstreaming disaster risk reduction within the development and other areas of work of the UN

UNISDR leads the preparation and follow-up of the Global Platform for Disaster Risk Reduction, establishment in 2006 (GA resolution 61/198). The Global Platform has become the main global forum for disaster risk reduction and for the provision of strategic and coherent guidance for the implementation of the Hyogo Framework and to share experience among stakeholders. Other areas of work for UNISDR includes issuing the Global Assessment Report on Disaster Risk Reduction every two years, supporting countries in monitoring risk trends and the implementation of the Hyogo Framework for Action. The report includes a specific chapter on droughts and floods.

More information on ISDR can be obtained on http://www.unisdr.org/and the Global Assessment Report on Disaster Risk Reduction can be found on http://www.preventionweb.net/english/hyogo/gar/2011/en/home/executive.html

4. Mandate and work plan for the proposed work team

On the basis on the above review of the current activities, following recommendations can be made for the mandate of the Work Team on Water Related Risk Analysis (EWTWRRA):

- focus on agriculture, in general and on the farm level
- Review what has been done already and what is ongoing and how it relates to agriculture
- provide guidance and information for agriculture sector in Europe on identification, forecasting, preparedness, prevention and mitigation of water related risks

The immediate tasks of the Work Team could include following:

- A more detailed overview and analysis of what is being done and ongoing within EU and on the global level related to flood and drought risks (particular focus on agriculture). This could include inventories of legislation, regulations and guidelines, legal bodies and actors, programmes and plans, criteria and indicators, availability of data, availability of forecasts.
- SWOT analysis on water related risks in agriculture in Europe, separately for floods and for droughts
- Preparation of a work plan for the work team on the basis of the analysis.

APPENDIX X [PCSO Item 8.2]

Minutes of the Ninth Meeting of the
AMERICAN REGIONAL WORKING GROUP (AMRWG)
25 June 2012; **15:30-17:30 hours, Adelaide, Australia**

Year of Establishment: 2003

Mandate: (1) To assist in the development of ICID National Committees in Americas; (2) To obtain and disseminate information on irrigation and drainage in Americas; (3) To organize national and international discussions / meetings on relevant scientific and technical issues; and (4) To act as catalyst for promoting better contact with the ICID and other relevant international organizations.

Members present: No members were present except Dr. Vijay K. Labhsetwar, Director, ICID representing Secretary General, ICID

Observers: (i) Mr. Clarke Ballard (Australia); (ii) Mr. Maurice Roos (USA) and (ii) Mr. Michael Mierzwa (USA)

In absence of Chairman or any other member, Mr. Maurice Roos (USA) conducted the meeting as Interim Chairman

In absence of the chairman or any other member, the attendees held some discussion on the issue of reviving the AMRWG. Dr Labhsetwar briefed the attendees on the background and evolution of AMRWG so far.

Mr. Maurice Roos and Mr. Michael Mierzwa from USA felt that the mandate of the working group appears to be sound and worthwhile. But it is obvious from the history and lack of attendance that ICID delegates have found other means of achieving the interaction goals. It would take a good enabler with good contacts with delegates in the region/countries and much effort to revive this working group. So far no such person has stepped forward.

Therefore, it is recommended that this working group be terminated or placed on inactive status until the need is demonstrated.

PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)

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APPENDIX XI [PCTA Item 3.3.3]

Minutes of the Thirtieth Meeting of the
WORKING GROUP ON DRAINAGE (WG-DRG)
24 June 2012: 8.30-10.30 hours, Adelaide, Australia

Strategy Theme: Systems

Year of Establishment: 1983 **Completion of the Mandate: 2013**

Mandate:

- To promote drainage as part of integrated water resources management; and
- To promote sustainable approaches for drainage and related projects through a balanced integration of (1) environmental, (2) economic, and (3) social and cultural aspects.

Members Present: (1) Mr. Bernard Vincent, Secretary (France); (2) VPH Dr. M.H. Amer (Egypt); (3) Mr. AT Van Coller (South Africa) represented by VPH Felix B. Reinders; (4) Ms. Nurgul Uzucek (Turkey); (5) VPH Shinsuke Ota (Japan); (6) Dr. Yurii Yanko (Russia) represented by Dr. Irina Bondarik; (7) Mr. Ardavan Azari (Iran); (8) Ms. Helena Aijo (Finland) represented by Mr. Jaakko Sierla.

Member Hon.: VPH Dr. Hafied Gany (Indonesia).

Observers: (i) Mr. Sam Green (Australia); (ii) Mr. Mehrzad Ehsani (Iran); (iii) Mr. Hassan Shantia (Iran); (iv) Dr. Tan, Chih-Hung (Chinese Taipei); (v) Mr. Geoffrey Fenn (Australia); (vi) Prof. Safaa Noori Hamad (Iraq); (vii) Mr. Abdulkadhum Lehmood Yassir Al-Shahmani (Iraq); (viii) Mr. Saddam Qahtan (Iraq); (ix) Mr. Nor Hisham Bin Mohd Ghazali (Malaysia); (x) Dr. Tapas Biswas (Australia); (xi) Mr. Kuan-Pei Lin (Chinese Taipei); (xii) Ms. Kazumi Morinaga (Japan); (xiii) Mr. Gurhan Demir (Turkey); (xiv) Nadide Demir (Turkey); (xv) Mr. Rafat Al-Intaki (Iraq); (xvi) Mr. Chih-Min Lin (Chinese Taipei); (xvii) Mr. Nasiruddin Abdullah (Malaysia); (xvii) Mr. Toshihiko Anzai (Japan); (xviii) Gun Heo (Korea); (xix) Ms. Hayati Zainal (Malaysia); (xx) Paul Andrews (Australia); (xxi) Bime Bertrand Viban (Cameroon); (xxii) Mr. Happy Mulya (Indonesia); (xxiii) Mrs. Margaretha Emma Elsa Samson (Indonesia); (xxiv) Ms. Aysen Pervin Gungor (Turkey); (xxv) Jason Mercer (Australia).

Apologies: Dr. Jim Ayars, VPH Prof. Brane Maticic, Mr. Mati Tonismae

Website: <http://wg-drg.icidonline.org>

Item 1 : To review the membership of the Working Group

The following new nominations were received for the membership of the group –

- Dr. Momon Sodik Imanudin (Indonesia)
- Dr. Loh Kim Mon in place of PH Keizrul Bin Abdullah (Malaysia)

Dr. Momon Sodik Imanudin was present and the group accepted his nomination. Dr. Loh Kim Mon could not attend the meeting. Another CV was received vide email 11/6/12 proposing Prof. Nor Azazi Zakaria (Malaysia) who also was not present but was represented by Mr. Nor Hisham Mohd Ghazali. None of the potential Malaysian candidates could be nominated, and the Central Office was requested to communicate with the Malaysian National Committee.

Item 2 : Follow up on the Work Plan of the Working Group

2.1 Updating database on 'Drained area in the world'

At Tehran, the group felt that updating the database on 'Drained Area in the World' was among the core activities of the WG. The item was discussed with Secretary Bernard Vincent during his visit to the Central Office, New Delhi in April 2012. Possibility of categorizing drained area in two groups i.e. drained land in irrigated area and drained rainfed area was discussed.

At Tehran meeting, members discussed ways and means for updating the existing data table. It was decided that volunteers would be made in-charge of a region who will communicate with the right contact persons (to be identified by them) from the neighbouring countries so as to obtain a response. The task of the in-charge is to check if the existing data are updated and valid or else obtain the correct value. The group also noted that several countries were not covered in the existing data table, especially in Central and South America. WG therefore nominated members volunteering to shoulder the responsibility. Drainage data could be obtained in Middle East (3 countries), Baltic (3 countries), and Scandinavia (4 countries). Thanks to Mr Azari, Ms Aijo, Mr Tonismae, respectively for their contribution. As regards the Europe, Slovenia provided the data, Spain asked for complementary information while, two other countries indicated that they would forward it to the right contact.

The group agreed that it is a long term continuous task and should be continued. Helena Aijo and Mati Tonismae were thanked by the group as they fulfilled their task. Central Office is requested to continue communication /reminders to other volunteers as follows;

Name of the volunteer in charge	Region(s)/ countries to be covered
Irena Bondarik/ Yurii Yanko	Russia
Bernard Vincent	South Europe and East Europe ; Maghreb
Victor Dukhovny	NIS
Ardavan Azari	Middle East
Loh Kim Mon	Asia
Gerhard Backeberg / AT van Coller	South Africa and neighbours as north as they can do
James Ayars	North America (and towards south as far as he can do)

2.2 Compilation of experiences in bio-drainage and bio-saline agriculture

At Tehran, the group asked the Indian National Committee (INCID) to prepare a note on bio-drainage based on the field experience/ research studies carried out in the country and also the plans of adopting bio-drainage in canal commands and circulate it amongst WG-DRG members for their comments. In response, INCID provided the project and completion reports of "Eco-physiology of tree species to evaluate their bio-drainage potential for waterlogged soils of Haryana". The summary report was circulated among all members for comments and a copy was made available at the meeting. The Group discussed the document, which is a summary of a project finalisation report. Unfortunately the summary document had no tables and figures included so vital information was missing. Perhaps the authors can make the full version of the report available to the WG. Regarding the valuable content of the document, it was suggested to convert the document into a scientific paper. Central Office is requested to assist/ follow-up with the INCID.

Item 3 : Updating of work plan and mandate of the working group

The present mandate of the WG is likely to be completed by 2013. The WG may like to discuss about developing a new mandate or extending the tenure of the WG to continue the activities in the field of Drainage. However, the WG considered preparing a scoping document for submission to the PCTA for extending its tenure. A document as received from Jim Ayars may be referred in preparation of the 'Scoping paper' and this may be circulated among all members. The Chairman indicated that he will develop and plan for continuation of the WG-DRG vide email exchanges so a final document can be submitted to the IEC in Turkey.

Outputs of the group are proceedings of the international drainage workshops, the Bio drainage workshop held in India and the report submitted for this meeting. A list of achievements may be prepared for presentation at next meeting.

Item 4 : Contribution to the website DRAINLINE/ Linkedin Agricultural Drainage Group

The website of the working group 'DRAINLINE' http://www.wg-drg.icidonline.org was fully functional. Members were requested to visit the website and share relevant material, links and documents by sending them to the Chair/Central Office for its posting on the group's website. VP Dr. Chairman displayed results of extraction from social networking tools of information related to subsurface drainage, which were well appreciated and commented.

It was reminded that the Central Office issues a monthly News Update (translated in French as well) which includes items related to drainage. It is suggested to extract this information when processing the News Update/ ICID News and to disseminate it through the LinkedIn drainage group. The Central Office is requested to follow up.

Item 5 : Workshops of the Working Group

ICID's 11th International Drainage Workshop (IDW) will be hosted by the Egyptian National Committee (ENCID) in Cairo, Egypt from 23-27 September 2012. The main theme of the Workshop is "Agricultural Drainage Needs and Future Priorities". The workshop will be debated under five main topics with 26 subtopics. The announcements and call for papers of the 11th IDW have been issued and widely circulated amongst ICID National Committees and International Organizations. The workshop website <http//www.encid.org.eg/idw11> provides more details. Dr. M.H. Amer provided updates of the 11th IDW organisational status at the meeting.

The possibility of bringing out the first draft of proceedings at the time of the 11th IDW to be held in Egypt in September may be explored. An alternative could be an editorial or keynotes for the proceedings of the IDW of a special sponsored issue of I&D based on the select papers submitted to IDW.

Item 6 : Presentations from members/ member countries

The following presentations were made at the meeting:

1. Geoffrey Fenn, "Drainage Characteristics of Capiphon Belt and Capiphon Pipe: Some Comparisons with slotted pipe and stock (Drain Coil)"
2. Mani Manivasakan, Sam Green, Carl Walters, "Surface Water Management in Northern Victoria, Australia"
3. Dr M.H Amer, "The 11th International Drainage Workshop"

These presentations will be posted on the WG website.

Item 7 : Any other business (by the permission of chair)

VP Chairman summarized the key highlights of the meeting and urged all to attend 11thIDW at Cairo. The meeting was closed at 10.30 hours.

PCTA has brought to the attention that the 'Financial statements' of both workshops need to be approved by PFC. The WG therefore requests the host national committees of IDW11 and IDW12 to submit their respective budget as soon as possible to the PCTA/ Central Office.

APPENDIX XII [PCTA Item 3.5.3]

Minutes of the Fourth Meeting of the
WORKING GROUP ON ENVIRONMENT (WG-ENV)
24 June 2012: 08.30-10.30 hours, Adelaide, Australia

Strategy Theme: Basin

Year of Establishment: 2008 **Completion of the Mandate: 2014**

Mandate: To provide guidance to policy makers, planners, designers, and managers in the irrigation and drainage sector on the environmental aspects of drainage and irrigation systems. The environmental aspects are physical, chemical, ecological, socio-economic and cultural, as well as concerns to the effects on climate and human health. By looking at environmental aspects, the working group will aim for the management of a sustainable environment, maximizing positive and minimizing adverse effects of irrigation and drainage systems.

Members Present: (1) Dr. Sylvain Perret, Chairman (France); (2) Prof. N. Hatcho, Vice Chairman (Japan); (3) Prof. Yih-Chi Tan (Chinese Taipei) represented by Mr. Ray Shyan Wu; (4) Mr. Mohammad Kazem Siahi (Iran) represented by Mr. Mehrzad Ehsani; (5) Mr. Osmo Antero Purhonen (Finland); (6) Dr. Choi, Joong-Dae (Republic of Korea); (7) Mr. V.C. Ballard (Australia); (8) Dr. Anna Tedeschi (Italy); (9) Secretary General, ICID represented by Dr. Vijay K. Labhsetwar.

Observers: (i) Prof. Tarek El Samman (Egypt); (ii) Mr. Dominique Rollin (France); (iii) Mr. Kuan-Pei Lin (Chinese Taipei); (iv) Mr. Chih-Min Lin (Chinese Taipei); (v) Mr. Hai Chang Chung (Republic of Korea); (vi) Mr. Erie Heryadi Moelyadi (Indonesia); (vii) Mr. Miki Riando (Indonesia); (viii) Mr. Nanang Rianto (Indonesia); (ix) Mrs. Lolly Martina (Indonesia); (x) Azaman Bin Md Ali (Malaysia); (xi) Mr. Adang Saf Ahmad (Indonesia); (xii) Mr. Dwi Kristianto (Indonesia); (xiii) Mr. Mudjadi Martoredjo Somodiredjo (Indonesia); (xiv) Ms. Pei-Chun Ni (Chinese Taipei); (xv) Mr. Pardomuan Gultom (Indonesia); (xvi) Mr. Widiarto (Indonesia); (xvii) Mr. TeukuIskandar (Indonesia); (xviii) Mr. Engkus Kusmana (Indonesia); (xix) Mr. Uttam Raj Timilsina (Nepal); (xx) Dr. Roestam Sjarief (Indonesia); (xxi) Mr. Ruey-Chy Kao (Chinese Taipei); (xxii) Mr. Francois Chretien (Canada); (xxiii) Dr. Aynur Fayrap (Turkey); (xxiv) Nobuyoshi Fujiwara (Japan); (xxv) Dr.Huseyin Gundogdu (Turkey); (xxvi) Mehmet Sait Tahmiscioglu (Turkey).

Website: http://wg-env.icidonline.org

Item 1 : Membership of the Working Group

Nine members of the WG-ENV were present or represented at the 4th WG-ENV meeting at Adelaide. Nineteen observers also attended the meeting. Apologies were received from Dr. Michael van der Laan, Secretary (South Africa); VPH Dr. Jose A. Ortiz Fdz.-Urrutia (Spain); Mr. Taner Kimence (Turkey) prior to the meeting. While Dr. Aynur Fayrap has been nominated in place of Dr. Taner Kimence (Turkey), Drs. Van der Laan and Ortiz stipulated that they remain active contributing members.

1.1. New nominations

The following nominations were received and examined:

- Dr. Muhammad Mehboob Alam in place of VPH Illahi B. Shaikh (Pakistan)
- Dr. Aynur Fayrap in place of Mr. Taner Kimence (Turkey)
- Mr. Santosh Kaini (Nepal)
- Mr. MohdAzmi Ismail (Malaysia)

Dr. Alam (Pakistan) was not present or represented during the WG-ENV meeting; as a consequence, his nomination could not be examined and was deferred to the next meeting in Turkey in 2013. Mr. Kaini (Nepal) and Mr Ismail (Malaysia) were not present at the meeting but were represented by fellow country representatives from Nepal and Malaysia, respectively. These persons briefly introduced the nominees and CVs were circulated. Nominations were accepted by the WG-ENV. Dr. Fayrap (Turkey) was present at the meeting and introduced herself. CV was circulated and her nomination was accepted.

The Chair welcomed and congratulated new members. He requested them to get acquainted with WG-ENV's mandate and workplan 2012-2014, and share responsibilities themselves in terms of their interest and potential contributions in the existing activities of the WG or possibly new ones. They were invited to respond to this call within a few weeks after the Adelaide meetings.

1.2. Discontinued memberships

ICID by-law 3.1.7 stipulates that members not contributing to the activities by attendance or correspondence for two consecutive years shall be replaced in consultation with their National Committees. On this basis, and in agreement with ICID Central Office, Chair recommended discontinuation of memberships of the following members:

- Mr. Barkat Hadid (Syria),
- Dr. Eiko Lubbe (Germany),
- Dr. Dennis Wichelns (USA).

WG-ENV agreed to discontinue these memberships. Chair reminded the WG-ENV members that during previous meeting, 4 memberships were already discontinued, in accordance with the same ICID by-law. The respective National Committees (Slovenia, Portugal, Morocco, and Thailand) did not submit new nominations. As a consequence, the WG-ENV membership has dramatically reduced. ICID Central Office may invite fresh nominations from all the respective national committees.

Also since participants from Indonesia participated and contributed to most WG-ENV meetings as observers, Indonesian National Committee (INACID) may also be requested to nominate a fresh WG member.

Item 2 : WG-ENV workplan 2012-2014

Chair presented the WG-ENV workplan 2012-2014 and the process that led to its development after the 3rd WG-ENV meeting in Tehran (2011). The workplan was circulated in December 2011 and still has to be approved by members since no comments were received before the 4th meeting. The following agenda items 4-5-6-7-8 took stock of the discussions and decisions made regarding the workplan.

Item 3 : The improvement of agricultural return flow and requirement of environmental flow (action #2 of workplan, see agenda)

The workplan includes the organization of an International Workshop on "Irrigation, Water Quality, and Environmental Flow" jointly with the WG on Poor Quality Water. This workshop will be held on 25 June 2012 during Adelaide meetings. Dr. Perret (Chair) and Mr. Ballard (WG ENV member) will be presenting their contributions on relationships between irrigation systems and environmental flow in this workshop. Prof. Hatcho (Vice-Chair) will present his paper on irrigation water recycling.

This workshop forms the only activity related to this topic that had been planned in the workplan. In view of lack of response from members so far, Chair engaged the WG-ENV members into a discussion on the relevance of the topic for the group members' expectations, possible tangible deliverables and contributions.

The discussion revealed that there was a sustained interest by WG members to the topic, which was deemed important in European and Australian contexts. It was suggested that the topic be kept in the mandate and agenda of the WG-ENV and that efforts be made to gather and circulate relevant documents within the WG. Further, members requested clarifications regarding methodologies for assessing EF requirements.

Mr. Ballard (Australia) and Mr. Purhonen (Finland) volunteered to play a facilitating role to gather documentation and to circulate relevant information to other members. Chair and Vice Chair thanked them and requested members to commit themselves to this task. WG-ENV agreed that there should be a presentation on the topic during next WG-ENV meeting in Turkey to sum up recent literature, take stock of concepts and advances on EF and EFR in connection with irrigation and drainage systems.

Item 4 : Environmental aspects of irrigation and drainage projects; Management of a sustainable environment (maximizing positive and minimizing adverse effects of irrigation and drainage systems) (action #3 of workplan, see agenda)

The workplan proposes to merge these two topics (a new name will be suggested and discussed in coming weeks), and to address them through Life Cycle approaches (LC inventory, LC impact assessment) as effective means of studying the potential impacts of irrigation systems, equipment, activities on the environment, from a regional / basin perspective. LCI / LCIA approaches receive growing interest globally, for their potential towards process / product labeling, environmental foot-printing, assessment of diverse regional and global impact categories (climate change, eutrophication, acidification, resource depletion, energy use, biodiversity loss, etc.). WG-ENV could form a platform towards LCA awareness and use in irrigation and drainage community at global level.

The WG-ENV Chair presented an introduction to Application of LCA to Irrigation System during 2nd meeting in Yogyakarta 2010. Members were invited to refer to the website for accessing this presentation [http://www.wg-env.icidonline.org]. Chair also informed the WG that an Asian network on LCA application in agrifood sector has been set up, and invited WG members and observers to get more information at http://lca-agrifood-asia.org.

WG-ENV Chair, Vice-Chair and Secretary are currently using LC approaches applied to paddy rice, cotton and sugarcane productions respectively in Thailand, Japan, Pakistan and South Africa. During the meeting, the following three 10min presentations were made followed by discussion on LCA applications:

- LCA of irrigated sugar cane in Pongola, South Africa: comparing conventional and alternative fertilization and water use practices; by Dr. M. van der Laan (presented by Dr. Perret),
- LCA of paddy rice in Japan / conventional vs. organic cropping; by Prof. N. Hatcho,
- Assessing eco-efficiency in paddy rice production using LCA; by Dr. S. Perret.

Chair proposed the development of a general guideline tentatively entitled '*Environmental Assessment of Irrigation and Drainage Systems with LCA: Principles and Case Studies'* as an outcome of the WG-ENV by Korea Congress in September 2014. Chair, Co-Chair and Secretary have formed a sub working-group to work on LCA as a methodology to address the focus area. A draft document will be prepared and circulated prior to next meeting (2013), including draft outline, and initial contents. Contributions and ideas from members were welcome on methodologies and possible deliverables. Also members were invited to express their interests to receive documents on the subject. Communication will be extended to WG-Climate and possibly others, since LCA provides information onto GHG emissions and climate change potential of studied systems.

WG-ENV agreed with the plan related to the environmental impact assessment of irrigation and drainage systems through life-cycle approaches. It was suggested that a short presentation be made during next meeting of the WG in Turkey on the progress made on the document.

Items 5 and 6 : Addressing areas of special interest: "Impacts of irrigation and drainage projects on human health"; and "Environmental Standards and Norms: International vs. National Guidelines in EIA" (Action #4 of WG-ENV workplan 2012-2014)

These two areas were highlighted during 3rd meeting in Tehran (2011), and some members requested information on the subject. Chair gathered and circulated relevant material on these topics. Although important with regards to the WG mandate, Chair proposed that these topics be not given further specific attention, unless WG members wish to continue to gather information and contribute towards tangible product from WG-ENV. The discussion confirmed that these topics, although important, shall not be mentioned anymore in agenda of future WG-ENV meetings. Chair will once more make the documentation available for downloading.

Item 7 : Website of WG-ENV; communication in WG-ENV (Action 1 of WG-ENV workplan 2012-2014)

In view of difficulties in communication within the WG between two IEC meetings, the workplan suggested that WG-ENV members join a LinkedIn group to facilitate communication. The idea did not take off since only a few members actually joined. Chair initiated a discussion on the issue, requesting members to tell which communication channel they favor.

The discussion revealed that members prefer e-mail based communication. Chair, Vice Chair and Secretary will intensify e-mail communication, the posting of material of interest to members, and information regarding updates on the WG website.

Also, members were urged to make more use of the website, and to provide news and information to fellow members through that channel. Chair and Secretary will support information sharing through the website as much as possible.

Item 8 : Any other business; new topics

8.1 Technical presentations and WG workshop

During 3rd meeting in Tehran (2011), members highlighted that WG meetings should systematically include some technical presentations, and not only focus on administration. Chair requested all members to come up with ideas of such presentations, well before the meeting. Reminder e-mails will be sent on regular basis to members, to that aim.

Also, the need and opportunity for having specific timeslot for WG-ENV thematic workshop (besides the 5th meeting in Turkey 2013) will be discussed during the coming months. Ideas are solicited from members.

8.2 Special request for information

Observer from Indonesia requested that the WG-ENV take interest on the effects of volcanic eruptions onto irrigation systems. Chair stated that such topic does not really fit into the WG mandate, and that WG-ENV shall not be succumbed to National Committees on their search for information on specific national issues. However, some members observed that such topic might be of interest also in the case of the Philippines (for example in the case of Mount Pinatubo). Chair will try and gather some documentation, and circulate to members. Chair urged members to not only express needs and requests to the WG-ENV office bearers, but also to take charge and responsibility in delivering towards WG-ENV activities in particular and the whole ICID community in general, whenever possible.

APPENDIX XIII [PCTA Item 3.1.4]

Minutes of the Fifth Meeting of the
WORKING GROUP ON TECHNOLOGY AND RESEARCH UPTAKE AND EXCHANGE (WG-TRUE)
24 June 2012: 08.30-10.30 hours, Adelaide, Australia

Strategy Theme: Knowledge

Year of Establishment: 2007 **Completion of the Mandate: 2012**

Mandate: To support research and development of technology and innovation processes for improved irrigation and drainage

Members Present: (1) Prof. L. Vincent, Chairperson (The Netherlands); (2) Dr. (Mrs.) Shaden Abdel-Gawad, Vice Chairperson (Egypt) represented by Tarek A El Samman; (3) Mr. Stephens Mills (Australia); (4) Dr. Kazumi Yamaoka (Japan); (5) Dr. Moch Basuki Hadimuljono (Indonesia) represented by Dr. M. Amron; (6) Dr. Chan Chee Sheng (Malaysia) represented by Ms. Hayatibinti Zainal.

Member Hon.: Prof. Gao Zhanyi, President, ICID (China)

Observers: (i) Mr. Ian Atkinson (Australia); (ii) Belinda Barker (Australia); (iii) Ahmet Seren (Turkey); (iv) Mr. Kotaro Mizoguchi (Japan); (v) Prof. Klaus-Dieter Volos (Germany); (vi) Nadine Demur (Turkey); (vii) Mr. Raft Al-Intake (Iraq); (viii) Muharrem Ozdemir (Turkey); (ix) Dr. Shukhrat Mukhamedjanov (Uzbekistan); (x) Dr. Tirupataiah Kota (India); (xi) Mr. Uttamraj Timilsina (Nepal); (xii) Prof. Ruey-Chy Kao (Chinese Taipei)

Apologies: Mr. Sietan Chieng (Canada); Prof. J. Annandale (South Africa)

Website: http://wg-true.icidonline.org/

Item 1 : Review of membership

There were three nominations for the membership of the group viz. Dr. Vehbi Ozaydin (Turkey); Mr. Shiv Kumar Sharma (Nepal); Dr. Raghuvanshi (India). None of these nominees were present. Are representative of Turkey was present on behalf of Dr. Ozaydin and from Nepal on behalf of Mr. Shiv Kumar Sharma. Mr. Stephen Mills introduced Ian Atkinson (Australia) as replacement for him, given his retirement, for consideration in this and any future WG involved with TRUE issues. In view of the completion of the mandate and tenure of the group, no nominations were accepted for the WG-TRUE. It was proposed that these nominations could be put forward for any new committees as per support of respective national committees at that time.

Item 2 : Tenure of the working group

The tenure of this Working Group "Technology Research Uptake and Exchange" has now reached its last term. It has fulfilled part of its workplan with the active support of members and representatives, especially from Japan, Malaysia, South Africa, Egypt and the Netherlands. It also solicited views and findings in the field through a questionnaire of ICID members via the National Committees. The findings and activities were reviewed in the session.

There were brief contributions and discussions of key findings by WG-TRUE members from Australia and Japan, and active participation from the floor, including from German, Turkish and Malaysian Observers. Some suggestions for further work included:

- Gaining greater knowledge about the processes among donors and decision-makers supporting research,

- Other WGs want advice from this workshop on how to build R&D processes in their field (a request from the WG-SDTA.). In turn, those interested in TRUE processes could work with ICID WGs to document the evolution of the knowledge base and outreach of particular groups.

It was agreed that the mandate given to WG-TRUE by the special session organized in 2005 at the end of the WG-R&D tenure on 'Drivers for Change: Bridging Research and Practice in Irrigation and Drainage', had enabled very useful learning about past and current programmes that can inform new partnerships for the coming future. A particular success of the group has been showing the diversity of approaches to TRUE that countries have developed having different kinds of farmers, system agencies, communication processes within different possibilities of funding and institutions, also facing different demands on their water resources and management. This documentation of alternative approaches is extremely useful in relation to future development debates.

Thus, maintaining understanding of this diversity of responses and potential processes for R&D under changing national and global conditions is a relevant topic for ICID.

The group endorsed the importance of a continued forum for discussion of technology research, which would continue to look at processes of research evaluation, uptake and exchange within ICID. However, it was relevant to reformulate the committee membership for any new committee, including a new Chairperson.

It advised that development of any new WG related with Technology is formulated alongside and after the discussions to develop a new ICID programme around the theme 'Research and Technology Transfer Programme'. It was suggested to initiate a temporary sub-committee to advise on this, made up from the Vice-Presidents taking responsibilities for the themes of - Systems, Basin, On-farm and Knowledge - together with active past WG-TRUE members (including Adelaide, Tehran, Yogyakarta or nominated replacements). Vice-President Gerhard Backeberg could initiate this interim sub-committee, given his past associations and inputs into the WG-TRUE and WG-R&D, experience and interest expressed to help this in the last year.

Past power points and papers submitted to the WG will be submitted to the ICID Secretariat for posting on the website.

Item 3 : Report of the Sub-committee constituted by WG-TRUE

A sub-committee as suggested by the WG in 2011 did not materialize further during the year. Thus, the WG picked up the discussion from Tehran that endorsed the importance of R&D as an important part of the work of ICID, but with a view to explore a realistic mandate in relation to the global ICID programme 'Research and Technology Transfer' (RTTP), that had grown from the document 'Intensification of Irrigation and Drainage Research to Achieve Global Food Security' in Yogyakarta.

To guide these discussions, Mr. Tyagi summarized points from the draft document 'Research and Technology Transfer in Irrigation and Drainage programme' (RTTP) which had been circulated to WG members. This document summarized the objectives of the programme, and the distribution of responsibilities/TORs between a Board of Governors/Secretariat/ Regional Nodes and national committees. President Gao Zhanyi also added to this discussion.

The following feedback was given regarding the RTTP draft proposal:

Objectives and Name -

- This is currently a very ambitious programme, but also with some challenges. It discussed the critical reviews of the IPTRID program, but nevertheless decided to develop a programme focused on capacity development and knowledge transfer focused in a series of regional nodes that will also have a thematic focus. Past WGs have expressed concern that the major mandates of technology research, capacity building and knowledge dissemination should not be pushed together in one structure. Also the focus on capacity building and knowledge dissemination in the RTTP means that the clear focus on technology research is actually diluted. Rather technology issues become undifferentiated in a larger thematic focus. However, the energy and commitment behind this programme is clear, so we support it but with the following critical suggestions to help its development:

- The programme gives a strong focus first to 2-4 nodes only (and thus only selected themes), to see how these evolve. With these ICID should be able evolve a set of working principles to help establish realistic working practices between a Board of Governor (BoG), Secretariat (St) and nodes, and a good design for a management framework.
- Alongside these nodal programmes, ICID and the RTTP programme should continue to recognise that a diversity of modes for Technology-R&D exist, and continue to exist. Thus, the nodal format for capacity building and knowledge dissemination is not the only one to be promoted. ICID continues to encourage exchange of information on changing processes of R&D and how to assess and manage this. The objectives can be amended to state this.
- It may be useful to bring a more specific focus on what technologies and technology issues are addressed in thematic questions and nodes (if any). At the same time, it can be recognised that no one node should claim to be the main or only centre working on certain technologies. Rather such expertise will be locally specific.
- The recognition of boundary work and collaboration with other international organisations working on irrigation and drainage (FAO, CGIAR, INGOS etc.) can be restated. This is important as organisations like FAO also now think to work with nodal centres and centres of excellence for certain water management issues.
- ICID is a knowledge agency, not an implementing agency. Care is needed on how it is expanding into an advisory body, with expectations arising that it is also a funding-raising agency. The objective concerning enhancement of financial resources available may need to be modified. Exchange of detailed technical knowledge and matters is a topic for ICID and its workgroups. Actual implementation of uptake is a matter for government and local bodies. However, there is a need to have more advice on benchmarking for studying technology uptake that helps to show that uptake is wanted in time and how to achieve this and monitor it.
- The zero draft of the RTTP document uses the term 'technology transfer' for the programme, which some feel has associations linked with both 'top-down' uni-directional actions towards farmers, and lack of reference to social context. These associations, and use of the term, go against past work of the WG-TRUE and WG-R&D. There is a need to understand how technology reaches and affects farmers, and recognise that technology is not always neutral. So we recommend a different title – could' Knowledge transitions in irrigation and drainage management' or **'**Technology research processes in irrigation and drainage' be a better title? The objectives of the programme can state explicit recognition of efforts to address diverse scales of farmer and development contexts in these transition processes, and an ethics statement.

The structure of a Board of Governors/Secretariat and their TORs

This is also an ambitious structure, and in its current form risks having high demands on personnel, funding, general management and specialised administrative support (like auditing). Also the actual governance relations between the BoG and nodal centres is not really clear – is this really a nested hierarchy, or is it more a consortium of nodal centres to which a BoG gives general guidelines? The TORs revolve mainly around supporting and servicing the nodes, also envisaging a secretariat that provides many monitoring and evaluation requirements. Yet again there is limited manpower or funding for this, and expectations of inputs from NCs seem unrealistic for some regions. We suggest the following:

- There is careful design of standardized performance and monitoring tools and criteria, with a view to such monitoring work being done within the nodal centres, if necessary by an ICID link person. Information should come from the nodes to ICID. We suggest minimal development of any additional secretariat at this time.
- The paper talks of establishing the programme along with a 'system-level science strategy'. This is an ambitious statement that is rather beyond the mandate of ICID itself. Is 'awareness strategy' more appropriate?
- A clear statement and set of procedures is needed around the financial procedures arising with development of this programme, especially concerning the sending and receiving of funds. Regional transfer of funds is sometimes difficult, with different countries also having different accounting regulations. Clear responsibilities will also be needed for auditing any financial aspects of this programme.

- The BoG is seen as coming primarily from WG-Chairs. We think this is too demanding on people, and also sets up pressures for regional nodes to develop to cover many different topics (IPTRID also began to suffer from these problems). Better a smaller range of topics and nodal centres to start with.
- There seems an assumption of powers of approval and sanction by the BoG on the work of the nodal centres. Yet the senodes will undoubtedly acquire diverse national and international funds and inevitably develop many links, and also their own governance structures. Thus, the BoG needs a responsible but also realistic structure of responsibility in what it can approve or veto. Is it more relevant to think of a consortia model rather than nested agency model? We think the role of the BoG may lie in approval of a core of programmes across at nodal centres, rather than expecting to have responsibilities in all programmes of nodal centres. ICID can also make more clear what status of ICID members will be acceptable to do this work in the BoG. Also clarify what will be the actual ICID position in governing arrangements of a nodal centre, if at all.
- Thus, we suggest the BoG is made up from some/all Vice-Presidents (as people with an elected mandate), perhaps 1-2 WG Chairpersons and the Chair of PCTA, but also to allow for special co-opted ICID members to be on the Board who have real experience in running capacity building and knowledge dissemination, and who write/contribute actively on knowledge, capacity and R&D issues (thus having peer-review standing also).

All these suggestions are best handled by the IEC, perhaps also through a small sub-committee to hammer out revision on the mandate, procedures and starting tasks for the new programme

A new sub-committee or working group on 'technology research processes in irrigation and drainage'

The focus in the nodal centres around knowledge and capacity building leaves a role for a sub-committee or working group to continue a focus on the diversity of processes of technology development that is also not involved in the running of any bigger programme. Rather representatives from the nodal centres could be members in such a new sub-committee or working group.

Our suggestion is to try again to initiate a temporary sub-committee to advice on a new name and mandate. This can be made up from the Vice-Presidents taking responsibilities for the themes of - Systems, Basin, On-farm and Knowledge together with active past WG-TRUE members (including Adelaide, Tehran, Yogyakarta or nominated replacements). Vice-President Gerhard Backeberg could initiate this interim sub-committee, given his past associations and inputs into the WG-TRUE and WG-R&D, experience and interest expressed to help this in the last year. The findings and any proposal can be discussed in the IEC meetings of 2013 as part of a special WG session, with a title to be confirmed.

Item 4 : Any other business

The Chairman added a supplementary agenda which:

- Cited the workplan of the WG-TRUE (reviewed in item 2 above)
- Tabled the following papers related to this workplan, also first presented by Dr Gerhard Backeberg(South Africa) at the WG meeting in Tehran, as an example of a Research Uptake process in an African country:
    - *James Blignaut and XolaniSibande In-field rainwater harvesting and water conservation techniques: Assessing the impact of fifteen years of WRC funded research in ThabaNchu, Water Research Commission South Africa, Report TT 444/08*
    - *Backeberg, G. Improving rural livelihoods with rainwater harvesting and conservation on communal croplands in South Africa: Opportunities and obstacles Paper presented at the Second International Foundation for Sustainable Development in Africa and Asia, Gottingen, Germany, 14-16 2009*
- Tabled a discussion document by the Secretary General 'Research and Technology Transfer program' for item 3 (the related discussion is minuted under item 3 above).

The Chairman thanked the membership of the WG-TRUE for their work and support during the tenure of the Working Group, and declared the Working Group closed.

APPENDIX XIV [PCTA Item 3.1.1]

Minutes of the Twenty First Meeting of the
COMMITTEE ON PUBLIC RELATIONS AND PUBLICATIONS (C-PR & P)
24 June 2012: 08.30-10.30 hours, Adelaide, Australia

Strategy Theme: Knowledge

Year of Establishment: 1992

Mandate:

- To describe the economic, social and environmental aspects of water resources projects which help provide food and fibre to mankind through irrigation; to identify the audiences and their interests, and suggest the appropriate type of communication and who should carry it out; to encourage National Committees to adopt a proactive role in communicating the role of water resources projects in serving mankind; and to encourage the use of communications specialists to ensure that the ICID public relations effort is effective.
- General management tasks - Development of concept of ICID publication series; set procedure for approval of publications; identification of (inter) national publishers and setting up of cooperative arrangements; marketing and pricing; and cooperation with publishers and National Committees for sale of publications.
- Editorial management tasks - Monitoring of and liaison with authors and editors on proposed and approved manuscripts; classification of proposed manuscripts for the relevant ICID services; calculation of prices and costs; fixing number of copies of books; public relations for publications, recommendations on subsequent publications of ICID.

Members Present: (1) VPH Larry D. Stephens, Chairman (USA); (2) PH Peter S. Lee (UK); (3) PH Bart Schultz (The Netherlands); (4) Ms. Anne Currey (Australia) represented by Mr. Ian Atkinson; (5) Secretary General, ICID represented by Dr. S.A. Kulkarni.

Observer: Michael Mierzwa (USA)

Website :<http://c-prp.icidonline.org/>

Item 1 : Membership of the Committee

Two nominations for the Committee were received: Dr. Yingduo Yu, China, and Mr. A.K. Kharya, India. As Mr. A. K. Kharya was not present, so the nomination was deferred. Dr. Yingduo Yu arrived shortly after the meeting ended, so his membership was recommended for approval.

Item 2 : Publications brought out by the Central Office and under processing during the period 2011-12

2.1 Publications brought out

The Committee noted the documents issued during the year, including:

- ICID e-Bulletin
- ICID News Update
- ICID News
- ICID Annual Report
- Special Publications

Among the Special Reports issued was "*Climate Change Adaptation for Irrigation and Drainage in Asia"*, prepared by the Asian Regional Task Force on Climate Change.

2.2 Publications under processing

It was noted that editing of "*Inter-basin Water Transfer: Global Experiences"* continues by President Honoraire Bart Schultz.

The proposed document "*Enhancing Water Productivity towards Food Security"* will be a compilation of key papers presented during the Tehran Congress. The Committee recommends that the audience for this document be carefully considered to ensure that the document will be useful contribution. Perhaps the document should include a brief executive summary.

It was noted that the guideline "*Irrigation under Drought and Water Scarcity"* should be updated before publication by ICID. The Committee recommends that the guideline be referred to the relevant workbody for review.

Item 3 : Publications by National Committees

The Committee reviewed a table which summarizes publications issued by National Committees.

Item 4 : Sale of publications/Congress Transactions during the period 2011-12

4.1 Sale of Publications

The Committee noted that Central Office is exploring ways to sell publications via electronic means, and that the solutions found involve expenditures that might exceed the revenue that would be generated. The Committee recommends that alternatives be explored, seeking a method that does not require large annual payments.

4.2 Sale of Congress Transactions

Noting that only four copies of the Tehran Congress Proceedings have been sold at the list price of US$300 since the Congress, the Committee recommends that a revised procedure for pricing Congress Transactions be adopted to reduce the price. It was suggested that the price might include only the cost of preparing and shipping the Transactions.

4.3 Policy for sale of ICID Publications

The pricing of other ICID Publications also needs to be reviewed. The Committee recommends that most publications older than three years should be offered at no charge. The Committee urges Central Office to explore "Print on Demand" for future publications. With Print on Demand, publications are printed only when ordered. The evaluation of Print on Demand should consider the options of contracting the printing to an outside vendor or to buying or leasing a printer that would be maintained in Central Office. This cost analysis should also recognize the savings for storage of documents since there would not be an inventory of publications in storage.

Item 5 : Report of ICID Journal

President Honoraire Bart Schultz reported on the status of the *ICID Journal*. During 2011, there were 5 issues of 144 pages. The Journal is now available in more than 4,000 libraries. The prices for subscriptions for 2013 will remain unchanged, i.e., US$45 for online and US$53 for print and online. The Editorial Board of the Journal is considering a new Agreement with Wiley after the current five-year Agreement ends.

Item 6 : Review of the ICID website

The Committee briefly reviewed the current ICID site and a proposed revised home page. The Committee also noted that questionnaires about ICID newsletters and the ICID website are online. The Committee urges all members to respond to the questionnaires to provide guidance about changes and improvements that would be useful.

The revised format of the *ICID Annual Report* for 2011-2012 was reviewed and improvements noted.

For future meetings of the Committee, Central Office is asked to provide the details regarding the users of the ICID website.

Item 7 : Digitization of ICID publications

The Committee noted that digitizing the older publications, about 25,000 pages, would cost US$9,000. While it would be useful to digitizing the publications, the Committee refers the issue to the Permanent Finance Committee and the ICID Management Board for decision.

Item 8 : Establishment of workbody websites

The Committee noted the efforts of the workbodies to develop websites.

Item 9 : Publicizing outcome of ICID workbodies

The Committee supports the concept that the results of workbodies should be recorded in some format to ensure that the work is not lost. The respective Permanent Committees should so encourage their workbodies.

Item 10 : Merging of ICID News Update and ICID News

The Committee reviewed the suggestion from Central Office to merge *ICID News Update* in to *ICID News.* Following discussion, the Committee recommends that there be no merger. Rather, the Committee recommends that *News Update* be published only on the ICID website, and that *ICID News* be continued as a print document whose audience is both ICID members and non-members. News items should be posted on the website as the event occurs, rather than on a schedule.

Item 11 : Any other business

No other business was presented. The meeting adjourned at 10:30 hours.

APPENDIX XV [PCTA Item 3.5.2]

Minutes of the Second Meeting of the
WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)
24 June 2012 : 11:00-12:30 hours (Session - I) and 13:30-15:00 hours (Session - II)
Adelaide, Australia

Strategy Theme: Basin

Year of Establishment: 2011 **Completion of the Mandate: 2016**

Mandate: (i) Identify sustainable management options of lowland, watershed, as well as sustainable development and management of water and land resources in tidal areas; (ii) To raise awareness of the increasing risk on tidal areas due to global climate change, stimulate discussion on impacts and mitigation, and find a balance between the preservation and development of tidal areas; (iii) To enhance survey, design techniques and monitoring and management programs for the irrigation and drainage facilities, and apply to collect information about the tidal area environment around the world; (iv) To review the progression of natural wetland conservation and constructed wetland development in tidal areas; (v) To join the international dialogue and organize international conferences to promote land and water management in tidal areas as well as evaluate the feasibility of tidal energy exploitation under global climate change; and (vi) To collaborate with other related working groups actively, and to exchange relevant experiences amongst NCs and support for developing, and least developed countries.

Members Present : (1) Dr. Ruey-Chy Kao, Chairman (2011) (Chinese Taipei, 2007); (2) Ir. Henk P. Ritzema, Vice-Chairman (2009) (The Netherlands, 2002) represented by Prof. Linden Vincent; (3) Dr. Kazuaki Hiramatsu, Secretary (Japan, 2011) represented by Mr. Akira Nakazawa; (4) Mr. Teoh Weng Chaw (Malaysia) represented by Mr. Nor Hisham Bin Mohd Ghazali; (5) Dr. (Ms.) Hsiao-Wen Wang (Chinese Taipei, 2010); (6) Dr. Park Kiwook (South Korea, 2011) represented by Dr. Park Sang Hyun; and (7) Dr. Vijay K. Labhsetwar, Director, ICID representing Secretary General, ICID.

Observers : (i) Ms. Kazumi Morinaga (Japan); (ii) Prof. Joong Dae Choi (South Korea); (iii) Mr. Kuan-Pei Lin (Chinese Taipei); (iv) Mr. Hai Chang Chung (Korea); (v) Mr. Michael Mierzwa (USA); (vi) Dr. Seok Woo Lee (Korea); (vii) Dr. Graziano Ghinassi (Italy); (viii) Mr. Kotaro Mizoguchi (Japan); (ix) Mr. Untung Samjaji (Indonesia); (x) Mr. Zhang Zhan Yu (China); (xi) Ms. Chun-Yi LIU (Chinese Taipei); and (xii) PH Prof. Bart Schultz (The Netherlands).

Website: <http:/wg-sdta.icidonline.org>.

Item 1 : Review of membership of the Working Group

The following nominations were proposed by the respective national committees and accepted by the working group:

- Prof. Zhanyu Zhang (China) in place of VPH Prof. Cai Lingen
- Ir. Hj. Nor Hisham bin Mohd Ghazali (Malaysia) in place of Mr. Teoh Weng Chaw

As far the memberships of Dipl. Ing. Bernd Probst (Germany) and Dr. E.J. James (India) were concerned; it was proposed to replace them in consultation with the respective national committees.

Item 2 : A Special issue of ICID Journal on SDTA

A Special Issue of ICID Journal based on SDTA publication is to be published in 2012. The Korea National Committee of ICID (KCID), Japanese National Committee of ICID (JNCID) and Chinese Taipei Committee of ICID

(CTCID) have separately committed US$ 5000 towards the Special Issue. A list of 12 papers for the Special Issue is given at **Annex 1**.

The title to the Special Issue will be *"Sustainable water and land management in Tidal areas"*. All papers have already been reviewed by at least two reviewers each and the papers have been accepted by these reviewers. Three Guest editors will be invited. The preface/editorial of 4 – 5 pages will be prepared by the Chairman and send to Guest editors for comments and approval. Papers with similar nature will be sequenced together making it logical for the readers. Sponsoring organizations with their logos will find place at inside cover.

As Prof. Bart Schultz explained, he will do the final editorial check. However, he does the check when the papers have been uploaded in the Manuscript Central System of M/s Wiley and the authors have signed the Copyright Transfer Agreement.

The authors can access the system by the link: <http://mc.manuscriptcentral.com/ird>. The authors should follow the instructions for the uploading step by step procedure. At a certain point there will be a question if the paper is for a 'Special Issue'. The authors must indicate yes and use the Acronym TIDAL AREAS.

After the editorial check the paper will be returned to the author for remaining corrections and author approval. After receipt of the author approval, M/s Wiley will accept the paper for publication. The author will get the print proof of the paper for final check and approval.

Item 3 : Work Plan / Future Activities

The working group brings out various possible outputs against the following items emerging from the mandate. The items will be fulfilled by internal/ international workshops and short courses.

(a) Sustainable management options for lowlands

- Review and evaluation of existing management systems, operation standards, and mitigation strategies
- Enhancing the food supply for people and the productivity of irrigated and drained area by improving water and land management
- Management of resources and promotion of sustainable production
- Proposing innovative strategies (room for water, rental area, dam removal etc.?) for the sustainable development and management in tidal areas
- Scenario analysis and decision support
- Risk assessment (vulnerability etc.?)
- Sustainability definition and evaluation (PPP)

(b) Climate change and increasing risks on tidal areas

- Understanding the changing facts, the causes of recent events, etc.
- Redefining the return interval of extreme events
- Using GCMs and changing records to predict for the rising sea level, storm surge, extreme floods, droughts and so on
- Simulating hydrological and ecological consequences under global climate change
- Raising awareness and dialogues to cope with the increasing risk on tidal areas due to global climate change
- Risk management to protect people, property and the environment of tidal areas from natural and man-made hazards
- Working with IPCC and WG-Climate change

- Understanding adaptations worldwide
- Adaptive management to take account of climate change, population growth, food issues, and other long-term changes and uncertainties

(c) Survey – past design and management systems, operational standards and rehabilitation methods

- Review and evaluation of the existing design and management systems, operational standards, and rehabilitation methods
- Appraisal using methods that are rigorous, coherent and transparent and consider social, environmental and economic costs and benefits
- Establishing standard operation protocols
- Enhancing survey techniques and monitoring programs
- Database establishment
- Improving the productivity of irrigate and drained lands through appropriate application of irrigation, drainage, and flood management technique
- Exchange of knowledge, skills, and technique to promote sustainable approaches

(d) Review the progression of natural wetland conservation and constructed wetland development in tidal areas

- Understanding the current state and underlying problems of natural wetlands
- Understanding the current state of constructed wetlands and learn from the failure or unexpected cases
- Considering indicator species vs. ecosystem as a whole
- Habitat conservation and restoration
- Evaluating wetland compensation
- Ecosystem services
- Environmental enhancement and stewardship of natural resources
- Providing wildlife-oriented public access and recreation

(e) Organize international dialogue / conferences to promote land and water management in tidal areas

- Holistic engagement with social, economic and environmental issues
- Involvement of stakeholders
- Providing relevant experiences including productivity, ecological conservation and disaster prevention to assist island, developing, and least developed countries for the sustainable development and management of irrigation and drainage activities in tidal areas
- Workshops
- Short Courses
- Collaborating with other related working groups actively
- Providing a transparent platform for public

(f) Co-operate / co-organize events with other related Working Groups - WG-DRG, WG-Climate and WG-ENV

Framework (Principles and visions) for the Special Issue should be prepared by the Chairman before the end of this year and discussed among the working group.

The detailed six-years rolling work plan is given at **Annex 2**. Several changes have been made based on discussions during the meeting. The members generally agreed to have an internal workshop for 2013 in Turkey to gather some primary thoughts and resources for the next Special Issue which is planned to be published in 2016.

As Ex-Chairman Dr. Park Sang Hyun suggested (29 March 2012), WG-SDTA will organize an International Workshop on SDTA during Korea Congress in 2014. The theme and subthemes together with other details of the workshop are shown in **Annex 3.**

Short course has been proposed and planned to take place in 2015. The Details (theme, schedule and venue) still have to be discussed and evolved. Ex-Chairman Dr. Park Sang Hyun mentioned that maybe the short course can be arranged during the Korea Congress in 2014 together with the International Workshop of WG-SDTA. Chairman will discuss the details with KCID.

Item 4 : Any Other Business

The meeting ended with thanks to the Chair.

Annex 1 [Appendix XV, tem 2]

LIST OF PAPERS FOR SPECIAL ISSUE OF THE JOURNAL

Sl. No.	Title	Author	Country
1.	Temporal and Spatial Variations of heavy metal Concentrations in Sediments of the Tainan Coastal Area, Anping Harbor and Tainan Canal, southwestern Taiwan	Chen Ping	Taiwan
2.	Habitat role of the Tidal Reclamation Areas for Migratory Birds	Park Sang Hyun	Korea
3.	Strategies to cope with uncertainty in the development of water management practices in tidal areas	H.P. Ritzema	the Netherlands
4.	Catchment Water Quality Management Planning for Sustainable Development of Tidal Areas	Joong-dae Choi	Korea
5.	Application of Decision Support System to Sustainable Lowland Planning and Management	Hsiao-Wen Wang	Taiwan
6.	Monitoring of Shallow Groundwater Salinity in Livestock Manure Application to Tidal Reclaimed Land	Hong Eun Mi	Korea
7.	Reliability of Tidal Irrigation System for Leaching and Flushing of Acidity in the Reclamation of Acid Sulphate Soil, Kalimantan Indonesia	Budi Santoso Wignyosukarto	Indonesia
8.	Global Inventory of Closed-Off Tidal Basins and Developments after the Closure	Bart Schultz	The Netherlands
9.	The Investigation and Assessment of Submarine Groundwater Discharge of Ping-Tung Near Shore Area in Southwestern Taiwan	Ding Chung-Feng	Taiwan
10.	Flood Inundation Analysis Using a Distributed Tank Model in an Urbanizing Flat Low-Lying Agricultural Area in Hanoi, Vietnam	Kazuaki Hiramatsu	Japan
11.	Water Environmental Analyses of Eutrophic Reservoirs in Flat Low-lying Agricultural Area Using an Ecosystem Model Considering the Species Composition of Algae	Kazuaki Hiramatsu	Japan
12.	Real-time Prediction of Chlorophyll a Time Series in a Eutrophic Agricultural Reservoir in a Coastal Zone by Using Recurrent Neural Networks with Periodic Chaos Neurons	Kazuaki Hiramatsu	Japan

Annex 2 [Appendix XV, Item 3]

WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)

Six-Years Rolling Plan

Activity	2011	2012	2013	2014	2015	2016
Publication of Special Issue						
• Announcement (Guidelines)	✔		✔ (3)	✔		
• Inviting Authors	✔		✔	✔	✔	
• Study and Writing	✔			✔	✔	
• Publication of the Special Issue		✔ (1)				✔
• Dissemination of the Special Issue		✔ (2)				✔
Workshop						
• Determining subject of workshops	✔	✔				
• Workshops	✔		✔	✔		
• Website dissemination	✔	✔	✔	✔		
Short Courses						
• Determining subject of short course			✔			
• Determining organizer of each course			✔	✔		
• Preparing			✔	✔		
• Short courses					✔	
• Website dissemination			✔	✔	✔	✔
Recruiting New Members	✔	✔	✔	✔	✔	✔
SDTA Information Platform	✔	✔	✔	✔	✔	✔
Visiting member counties (experience exchange and discussion)	(to be discussed)					

*(1) & (2): indicate the publication of Special Issue on the topic “Sustainable water and land management in Tidal areas”.

*(3): In 2013, WG leaders will discuss the new theme and topic for another Special Issue.

Annex 3 [Appendix XV, Item 3]

WORKSHOP DURING 2014 ICID CONGRESS IN KOREA

THEME - SUSTAINABLE MANAGEMENT OF TIDAL AREA IN THE ERA OF CLIMATE CHANGE

DRAFT

Background

There is a pressing need to accelerate efforts to adapt to the impacts of climate change for the management of irrigation and drainage facilities in farming areas. Seawater rise, changes of storm, drought and flood disasters are key issue in the era of climate change in the tidal area. These issue and relative indicators will be essential to derive important tool for evaluating existing and future programs for decision-making and site management in tidal area.

To cope with the effect of climate change, it is proposed to have a workshop during the ICID Congress in Korea 2014, as follows;

Theme: Sustainable management of tidal reclamation areas in the era of climate change

Sub-themes:

- Marine and tidal influences such as sea water rise, storm, waves and water temperature
- Terrestrial influences such as flood and drought disaster concerned with precipitation and other meteorological changes.
- Adaptation measures and strengthening of irrigation, drainage and flood prevention facilities
- Environmental conservation to keep water quality and biological diversity
- Soil, water and wetland conservation in tidal and reclamation area
- Institutional management and stakeholders' participation
- Impact and contribution of tidal reclamation work on climate change
- Economic issues of gain and losses from climate changes

Korea NC of ICID will support the printing cost of the proceedings and edition works in cooperation with WG leaders and Central Office. A field technical tour to the tidal reclamation project site for the WG Members during ICID Congress in 2014 will organized.

The work plan is subject to change, if necessary.

APPENDIX XVI [PCTA Item 3.1.5]

Minutes of the Third Meeting of the
TASK FORCE TO GUIDE ICID INPUTS TO WORLD WATER FORUM 6 (TF-WWF6)
24 June 2012: 11:00-12.30 hours and 13.30-15.00 hours, Adelaide, Australia

Year of Establishment: 2009 **Completion of the Mandate: 2012**

Terms of Reference:

1. To liaise with 6th WWF Program Committee and other International Bodies, especially FAO;
2. To provide overarching lead role on behalf of ICID for inputs to 6th WWF by liaising with:
   (i) National Committees for inputs to the themes and sub-themes of the 6th WWF, of direct relevance to ICID
   (ii) Workbodies on specific subjects related with 6th WWF
3. To liaise with French National Committee (AFEID) for preparatory work of 6th WWF and
4. To recommend ICID inputs for 6th WWF for consideration in 62nd IEC

Members present: (1) PH Prof. dr. Bart Schultz, Chairman (The Netherlands); (2) Mr. Bernard Vincent, representing Mr. Francois Brelle, Vice-chairman (France); (3) VPH Felix Reinders (South Africa); (4) VP Dr. Willem Vlotman (Australia); (5) Dr. S.A. Kulkarni, ICID.

Permanent observers: (1) Prof. Gao Zhanyi (China); (2) Mr. Thierry Facon, representing Dr. Pasquale Steduto (FAO).

Observers: (1) Mr. Hun Sun Lee (Republic of Korea); (2) Dr. Mochammad Amron (Indonesia); (3) Mr. Jaakko Sjerla (Finland); (4) Mr. Graziano Ghinassi (Italy); (5) Dr. Yu Yinghuo (China), (6) Ms Louise Whiting (FAO); (7) Prof. Jaekyoung Noh (Korea); (8) Prof. Joongdae Choi (Korea).

Website: http://www.icid.org/wwf6

Item 1 : Report of ICID contributions to WWF-6

ICID jointly with the FAO was involved in the preparations and conduct of Theme 2.2 on *'Contribute to Food Security by Optimal Use of water'* for the 6th World Water Forum (WWF6). For Theme 2.2, the Coordinator of the Core Group was FAO (Dr. Plasquale Steduto) while Co-Coordinator was ICID (Prof. Bart Schultz).Under Theme 2.2. nine Targets were prepared and presented. AFEID took the responsibility for Theme 2.1 on 'Balance multiple Uses through IWRM'. During the morning session of the Task Force (TF), the various relevant aspects of WWF6 were reviewed. In the afternoon there was an initial discussion on the input to WWF7 to be held in the Republic of Korea in 2015.

1.1 Activities since Tehran meeting of the TF

The 2ndmeeting of the TF and a Special Session on Water for Food Security jointly with FAO was held at Tehran in October 2011. Chairman jointly with Dr. Pasquale Steduto (FAO) had prepared a draft Core Group Report of Theme 2.2. The draft report was circulated among all concerned. Based on the input received from each of the Target Coordinators, a final version of the draft report containing draft summaries of each target and session proposals and the draft session plan, draft meta plan, brief report on the 3rd Coordinators meeting was prepared. The revised version of the draft Core Group Report was circulated amongst all National Committees, Chairs of Workbodies, Office Bearers, and TF members for their comments/suggestions.

During the 3rdAfrican Regional Conference held in November/December 2011 at Bamako, Mali, a group discussion on WWF6 was organized with the active involvement of the conference participants in which many solutions were proposed for the African region. President Gao Zhanyi and VP Mr. Adama Sangare participated in the discussion.

In the Framework of Theme 2.2, the Chairman, together with Mr. Jacques Plantey was responsible for Target 2.2.3 on *'Increase sustainable productivity and lower costs of water management (yield per ha, per m^3 of water and per unit production cost) in such a way that by year 2025 there is food security at affordable prices for all'*and Pres. Hon. Chandra Madramootoo, together with ICOLD, was responsible for Target 2.2.5 on *'Increasing capacity of water storage in support of irrigated agriculture in an environmentally sufficient and socially sound management'.*

All relevant preparatory and Session Proposal reports were posted by Central Office on the ICID Website. ICID had also contributed to the innovative (case studies) on the Solution Template. Among others on the WATSAVE prize, which are in fact all existing solutions that have proven their value in practice.

1.2 Participation in WWF6, Marseille, March 2012

The 6th World Water Forum (WWF6) was held at Marseille from 12 -17 March 2012. Theme 2.2 "*Contribute to Food Security by Optimal Use of Water*" was one of the twelve key priorities of the WWF6. Besides the opening session, a multi-stakeholder panel, and a synthesis session, the theme involved more than 28 international organizations and many experts world over. In all nine Targets under the theme were presented and debated during the Forum. The opening session of the Theme was addressed by Mr. Chen Lei, Minister of Water Resources, P.R. of China and Mr. Agatham Ag Alassane, Minister of Agriculture of Mali. The Forum was participated by large number of ICID members, past and present Office Bearers, Chairs of the workbodies, and professionals from all the regions. All the Target sessions coordinated by ICID were well attended by the Forum participants.

The Chairman gave a presentation of the main findings and recommendations of Theme 2.2. This was followed by a presentation of President Gao Zhanyi on his observations and recommendations. Mr. Thierry Facon presented the observations and recommendations of FAO and Mr. Bernard Vincent presented the observations of the French Committee, AFEID.

ICID committed to continue its work in line with the actions and milestones as described in the various Action Plans, specifically intensifying the monitoring of progress made, publish about the results in our media, renew our Task Force on Storages and look forward to continue its cooperation with FAO and other partners. For details see **Annex I**.

During the Forum a MoU for cooperation on the preparations of the 7th World Water Forum (WWF7) was signed between the French and the Korean National Committees.

Item 2 : Formal closure of the Task Force

TF-WWF6 was constituted in 2009 to guide ICID inputs to WWF6 and has completed its mandate. The last step will be to bring out a Synthesis Report of Theme 2.2 as an outcome of the TF. This can be completed in the coming months and doesn't require another meeting of the Task Force. In light of the above, the Task Force is recommended to be closed.

Discussion on WWF7

While it may be expected that the preparations will have to start soon it is recommended that a new Task Force should be established. For this Task Force it is of importance that the convener is well aware of the situation in Asia. It will also be of importance that the new TF in close consultation with Central Office will take care for the cooperation on the implementation of the ICID commitment as expressed in Annex I.

During the afternoon session discussions and exchanges occurred on what could be the format and contents of the next Forum to be held in the Republic of Korea in 2015. There were questions related to lessons learnt from the previous fora, how to participate to the design of the next Forum, and how to assess its impact. These discussions were mainly held by Korean and French NC's and FAO representative. The National Korean Committee explained that the process of preparation for WWW7 has started and is currently reported to be initiated at the regional level in Korea. Until now no decisions have been taken, which is normal at this stage of the process. A key tool for the

involvement of ICID in the preparation/assessment process will be the MoU undersigned in Marseilles by the French and Korean National Committees.

Item 3 : Any other business

It was expressed that the cooperation of ICID and FAO has been highly appreciated and was very effective. The present TF-WWF6 has done an excellent work and its contributions were very valuable. The TF recorded its heartfelt thanks to the Chair, PH Bart Schultz, Co-Coordinator, Theme 2.2, Central Office, French National Committee and others for all their hard work and efforts.

Annex 1 [Appendix XVI, Item 1.2]

TASK FORCE TO GUIDE ICID INPUTS TO WORLD WATER FORUM 6 (TF-WWF6)

TARGETS III AND V ACTION PLANS

Target III

Strategic direction: Contribute to Economic Development

Priority for action: Contribute to food security by optimal use of water

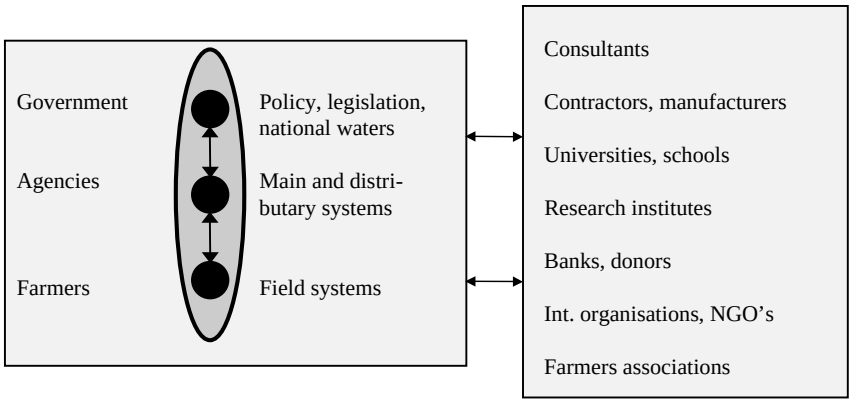
System: Water Management

Recommendation: More crop per land or drop

TARGET III: Increase sustainable productivity and lower costs of water management (yield per ha, per m^3 of water and per unit production cost) in such a way that by year 2025 there is food security at affordable prices for all.

Coordinator: ICID: Bart Schultz and Jacques Plantey

Members: *FAO:* Robina Wahaj; *ICARDA:*Theib Oweis; *Farm foundation:* Billy Troy; *OECD:* Kevin Parris; *UNESCO-IHE:* A. Mehari Haile and Macarena Johns; *AFD:*J.F. Cavana; *AFEID / AIRMF:*S. Balsan; *AFEID / CACG:*N. Daurensan; *fast4meter:* Pierre Walther; *CBE:* Santosh Ghosh; *IFAD*: Sara Delaney; *Farmer:* Steve Mills; *IFPRI:* Claudia Ringler; *ADB:* Ian Makin, Lourdes Adriano; *Guilford Holding SA:* Laurent Selles; *IDE:* Urs Heierli



Indicative schematisation of actors in agricultural water management

Figure to be used as the umbrella for the Target Action Plan and Session Proposal Report

Annex 1 [Appendix XVI, Item 1.2]

TARGET ACTION PLAN TARGET III

Draft Target Action Plan	Implementation of the target expected results and indicators of success	Practical steps/ Activities to be done	Responsible parties		Key-requirements/ Assumptions
			Lead institution	Main partners	
Milestone 3: December 2013: to be checked in which countries there is the risk that the objectives of the MDG on hunger will not be achieved and if insufficient water management may be the cause of it. If yes, to provide an overview with measures in the field of water management that can be recommended for direct application under different geographic conditions, as well as for research on potential measures that need further elaboration before they can be applied in practice.					
April 2011- June 2013	Collect relevant information		FAO/ICID	Target Group members	
June 2013 – November 2013	Prepare overview report in close consultation with Target Group Members, Responsible and Contributing Partners		FAO/ICID	Target Group members, responsible partners	
December 2013	Presentation of findings in an International Forum		FAO/ICID	FAO/ICID	
Milestone 4: Food prices would by 2020 not exceed present day levels, in spite of energy price increases and climate change, thanks to improved and newly developed risk management tools for governments, firms and farmers, in order to build capacity to manage and mitigate the risks associated with food price volatility, in particular in the least developed countries.					
January 2014 – June 2017	Collect relevant information		FAO/ICID	Target Group members	
June 2017 – November 2017	Prepare overview report in close consultation with Target Group Members, Responsible and Contributing Partners		FAO/ICID	Target Group members, responsible partners	
December 2017	Presentation of findings in an International Forum		FAO/ICID	FAO/ICID	
Milestone 5: December 2020: to be checked in which countries there is the risk that the Target to provide food for all at affordable price will not be achieved and if insufficient water management may be the cause of it. If yes, to provide an overview with measures in the field of water management, based on current technologies and on potential innovative solutions that can be recommended under different conditions.					
January 2014 – June 2020	Collect relevant information	-	FAO/ICID	Target Group members	
June 2020 – November 2020	Prepare overview report in close consultation with Target Group Members, Responsible and Contributing Partners		FAO/ICID	Target Group members, responsible partners	
December 2020	Presentation of findings in an International Forum		FAO/ICID	FAO/ICID	

Milestone 1 & 2 – action is already over.

Annex 1 [Appendix XVI, Item 1.2]

TARGET V

Increasing capacity of water storage in support of irrigated agriculture in an environmentally sufficient and socially sound management.

Strategic direction:	Contribute to Economic Development
Priority for action:	Contribute to food security by optimal use of water
System:	Water Development
Recommendation:	Increasing storage in support of irrigated agriculture
Coordinator:	ICID: Chandra Madramootoo / M. Gopalakrishnan
Co-coordinator	ICOLD: Jia Jinsheng / Michel De Vivo (President /Secretary General)
Members:	*FAO:* Domitille Vallee; *Farm foundation:* Billy Troy; *Water for Food Institute - University of Nebraska:* Marc Andreini and Thomas Farrell; *ICID/AFEID:* Daniel Boubee; *AFEID/DRAF:* Denis Baudequin; *INCID:* R.C.Jha; *INCOLD:* M. Gopalakrishnan /V.K. Kanjlia; *Women for Water Partnership:* Badra Kamaladasa*; EDF:* Emmanuel Branche; *IWMI*: Mathew Mac Cartney; *IFPRI:* Tingju Zhu; *IHA; IUCN; WMO; OECD: AFD*

Annex 1 [Appendix XVI, Item 1.2]

TARGET ACTION PLAN TARGET V:

	Implementation of the Target Expected results & indicators of success	Practical steps activities to be done	Responsible parties		Key-requirements/ assumptions
			Lead institution	Main partners	
Milestone 3: December 2013: to be checked in which countries there is the risk that the objectives of the MDG on hunger will not be achieved and if insufficient water Storage could be the cause of it. If yes, to provide an overview with measures in the for storage creation (in all forms) that can be recommended for direct application under different geographic conditions, as well as for research on potential measures that need further elaboration before they can be applied in practice.					
April 2011 - June 2013	Collect relevant information		FAO/ICID	Target Group members	
June 2013 – November 2013	Prepare overview report in close consultation with Target Group Members, Responsible and Contributing Partners		FAO/ICID	Target Group members, responsible partners	
December 2013	Presentation of findings in an International Forum		FAO/ICID	FAO/ICID	
Milestone 4: Because of improved and newly developed risk management tools for governments, firms and farmers, in order to build capacity to manage and mitigate the risks associated with food price volatility, in particular in the least developed countries, food prices will by 2020 not exceed present day levels.					
January 2014 – June 2017	Collect relevant information		FAO/ICID	Target Group members	
June 2017 – November 2017	Prepare overview report in close consultation with Target Group Members, Responsible and Contributing Partners		FAO/ICID	Target Group members, responsible partners	
December 2017	Presentation of findings in an International Forum		FAO/ICID	FAO/ICID	
Milestone 5: December 2020: to be checked in which countries there is the risk that the Target to provide food for all at affordable price will not be achieved and if insufficient water management may be the cause of it. If yes, to provide an overview with measures in the field of water management, based on current technologies and on potential innovative solutions that can be recommended under different conditions.					
January 2014 – June 2020	Collect relevant information		FAO/ICID	Target Group members	
June 2020 – November 2020	Prepare overview report in close consultation with Target Group Members, Responsible and Contributing Partners		FAO/ICID	Target Group members, responsible partners	
December 2020	Presentation of findings in an International Forum		FAO/ICID	FAO/ICID	

Milestone 1 & 2 – action is already over.

APPENDIX XVII [PCTA Item 3.5.5]

Minutes of the Seventh Meeting of the
WORKING GROUP ON GLOBAL CLIMATE CHANGE AND AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)
24 June 2012: 11.00-12.30 hours (Session – I) and 13.30-15.00 hours (Session – II), Adelaide, Australia

Strategy Theme: Basin

Year of Establishment: 2005 **Completion of the Mandate: 2014**

Mandate:

1. To review the progression of and predictions for Global Climate Change (GCC) and climate variability,
2. To explore and analyze the medium-term implications of climate change and climate variability for irrigation, drainage, and flood control,
3. To stimulate discussion and raise awareness of water-related GCC issues within the ICID family,
4. To stimulate discussion at national scales among scientists, policy makers, and, through the media, the general public on GCC and water, and
5. To join the international dialogue on GCC and water.

Members Present: (1) VPH Dr. Mark Svendsen, Chairman (USA); (2) Dr. Tsugihiro Watanabe, Vice Chairman (Japan); (3) Dr. Ray Shyan Wu, Secretary (Chinese Taipei); (4) Prof. Heping Hu (China); (5) Prof. Sue Walker (South Africa); (6) Dr. Roestam Sjarief (Indonesia); (7) Secretary General, ICID and Dr. S.A. Kulkarni/ Dr. Vijay K. Labhsetwar.

Members Hon.: Dr. Mohamed Hassan Amer, Vice President Hon., ICID (Egypt); Mr. Shinsuke Ota, Vice President Hon., ICID (Japan); Mr. Franklin Dimick, Vice President Hon., ICID (USA); Dr. Ragab Ragab, Vice President, ICID (United Kingdom); Dr. Gerhard Backeberg, Vice President, ICID (South Africa)

Observers: Forty five observers were present at the meeting (please see **Annex**).

Website: <http://ctcid.water.tku.edu.tw/icidwg-climate>

Item 1 : Review of membership

Turkish National Committee (TUCID) nominated Mr. Mehmet Sait TAHMİSCİOĞLU in place of Ms. Nurgul Uzucek (Turkey) who was present and was accepted as a member. The following nominations were deferred due to their non-attendance:

- Dr. Manzoor Ahmad Malik (Pakistan)
- Mr. Dinesh Bhatt (Nepal)
- Ir. C.W.J. Roest (The Netherlands)

Mr. Uttamraj Timilsina (Nepal) explained that Mr. Dinesh Bhatt was unable to attend this meeting but was planning to be in Turkey next year. The WG requests CANCID to name a replacement for VPH Dr. Andre Musy (Canada), who was active earlier but has not been present or contributed for more than two years.

Item 2 : Work Plan of the Group

While a lot of work is being done around the world on understanding and describing the impacts of climate change on various facets of water resources management, its implications for irrigation, drainage and flood management are not adequately presented. The WG discussed and agreed to initiate the preparation of a note on “Adapting

Irrigation and Drainage to the Impacts of Climate Change". The note will focus on the various options available to the irrigation and drainage sectors dealing with climate change with emphasis on practical and specific measures that can be undertaken. The WG will organize members and experts to present alternatives on this issue in the next meeting. Suggestions on the possible covers of the aspects came from many observers, including Vice President Ragab (UK), M. Roos (USA), S. Walker (South Africa), T. Watanabe (Japan), M. TAHMİSCİOĞLU (Turkey), R. Wu (Chinese Taipei) and observers from Canada, South Korea, Indonesia, India, Japan, Egypt, to name a few. The note will include a roadmap to the topic, along with a number of examples of adaptation activities which have been carried out in member countries. Discussions on the management of water under uncertainty were raised by participants from South Africa, Turkey, India, and others.

Participants from Turkey welcomed the WG to next year's meeting in Mardin. Possible themes for that meeting were discussed and include the impacts of climate change on reservoir operations, as in the Tigris and Euphrates Basins and elsewhere; and the impacts of climate change on rice cultivation.

Item 3 : Global Framework for Climate Services

As part of the mandate under item 5 on joining the international dialogue on Global Climate Change and Water, WG chair Dr. Svendsen has been involved with the discussions of the User Interface Platform of the Global Framework for Climate Services (GFCS) being established by the UN System under the leadership of the WMO. GFCS is a mechanism to develop and provide operational climate information to all stakeholders from various sectors to enable adaptations to climate variability and change. The latest draft version of the GFCS Implementation Plan is available on WMO website<http://www.wmo.int/pages/index_en.html>. The Chair of the WG and Secretary General provided inputs to the Implementation Plan particularly with respect to the User Interface Platform component of GFCS for water and agriculture sectors. Participation of the national committees (NCs) in the GFCS at the national level will also help stimulate discussion at national scales among scientists, policy makers, and the general public (mandate item no 4).In this meeting, SG Tyagi made a brief presentation on the possibilities and scope of WG/ICID collaboration in the User Interface Platform of GFCS.

Item 4 : Report of the Task Forces related to the WG

4.1 UN Water Task Force on "Water and Climate"

The Thematic Priority Area on Water and Climate Change (TPA-WCC) was established in January 2010 to offer an opportunity to discuss climate change and water linkages in their widest sense and to ensure that the UN System in general, and UN-Water in particular are better prepared to meet future challenges and play an essential role in this area. The TPA-WCC developed a Guidance Note on "Adaptation to Climate Change". This Guidance Note aims to provide common guidance as part of the effort to ensure effective response by the UN system to assist Member States to prepare and implement coherent strategies in tackling the climate change challenge with regard to water resources management. For more information on the TPA-WCC, please refer to <http://www.unwater.org/TFclimate.html>.

4.2 Asian Regional Task Force on Climate Change and Irrigation (ARTF-CC)

The final report of ARTF-CC "Climate Change Adaptation for Irrigation and Drainage in Asia" prepared under the aegis of Asian Regional Working Group (ASRWG) was released at the 6th World Water Forum (WWF6) in March 2012 at Marseille, France. Asian Regional Task Force for Climate Change (ARTF-CC) was set up at the 58th IEC meeting of ICID held at Sacramento USA in 2007 and was chaired by VPH Shinsuke OTA. The aim of the Task Force was to study countermeasures to tackle climate change in the field of irrigation and drainage in the region. The participating countries were - China, India, Indonesia, Iran, Japan, Korea, Malaysia, Nepal, Pakistan, Chinese Taipei, Thailand, and Turkey. The report was printed with the funding support from Japanese National Committee (JNC-ICID).The Central Office also brought out the e-publication (digital version) of the report.

VPH Shinsuke OTA presented a brief overview of the study completed by the group and several copies of the report were distributed during the meeting.

Item 5 : Website of the Working Group

The current version of the WG website http://ctcid.water.tku.edu.tw/icidwgclimate prepared by Prof. Ray-Shyan Wu (Chinese Taipei) was fully functional. The website also linked with ICID website which provides updated information on membership, agenda, minutes, presentation etc. All members were encouraged to visit the website and provide relevant documents, useful links etc. to Dr. Ray-Shyan Wu/ Central Office for posting. The WG expressed its appreciation to Dr. Wu for the valuable support.

Item 6 : Report of the Symposium on Climate Change at Tehran in 2011

The WG-CLIMATE co-sponsored the *Symposium on Climate Change Impacts on Soil and Water Resources* held on 20 October 2011 during 21st ICID Congress in Tehran. In all, about 10 papers (9 oral and 1 posters) were presented in the Symposium. Ms. Sue Walker and Dr. Ray Shyan Wu contributed to the symposium by providing papers and presentations. Several people presented at the Symposium gave brief reports on it, highlighting the intense interest shown by Iranian students attending the Symposium.

The WG in cooperation with SIWI and other international organizations was planning to organize a one-day Seminar at on the topic *Adapting Agriculture to a Climate Changing World* during the World Water Week (WWW2012) to be held in August 2012 in Stockholm. However, in view of a minor role offered to the ICID in the seminar by the organizers, the Chair dropped the proposal of participating in the seminar

Item 7 : Any other business

Vice Chairman Watanabe was invited and made a brief presentation on “Recent research project on climate change of the Japanese Government”.

Annex [Appendix XVII]

WORKING GROUP ON GLOBAL CLIMATE CHANGE AND AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)

List of Observers during 7th Meeting of WG-CLIMATE, Adelaide (Australia)

Canada	Mr. Francois Chretien; Mr. Laurie Tollefson
China	Mr. Fuqiang Tian; Mr. Yingduo Yu
Egypt	Prof. Tarek El Samman
Finland	Mr. Osmo Purhonen
Germany	Jano Anter; Prof. Klaus-Dieter Vorlop
India	Dr. Ramana Gowda Patel; Dr. Yella Reddy Kaluvai; Mr. Ram Chandra Jha
Indonesia	Mr. Adang Saf Ahmad; Mr. Nanang Rianto; Mr. Pardomuan Gultom; Mr. TeukuIskandar; Mrs. Lolly Martina; Mr. Dwi Kristianto; Mr. Widiarto
Japan	Mr. Kotaro Mizoguchi; Mr. Satoshi Sakata; Mr. Takao Masumoto; Mr. Toshihiko Anzai; Dr. Katsuyuki Shimizu; Dr. Takanori Nagano
Republic of Korea	Mrs. Yun-Gyeong Oh; Prof. Jaekyoung Noh; Prof. Jin-Yong Choi; Seung-Hwan Yoo; Mr. Sang-Hyun Lee
Malaysia	Azaman Bin Md Ali; Mr. Nasiruddin Abdullah
Nepal	Mr. Uttam Raj Timilsina
Oman	Mr. Mohamed Rafeet
South Africa	Mr. Andre Roux; Mr. Nicolaas Opperman; Ms. Mary-Jean Gabriel; Dr. Andrew Sanewe
Chinese Taipei	Dr. Chih-Hung Tan; Mr. Ching-Tien Chen; Ms. Chiao-ling Tien; Ms. Pei-Chun Ni
Turkey	Mehmet Sait Tahmiscioglu; Ms. Aysen Pervin Gungor; Nadide Demir
USA	Mr. Maurice Roos

APPENDIX XVIII [PCTA Item 3.1.3]

Minutes of the Fifteenth Meeting of the
WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE AND FLOOD CONTROL (WG-HIST)
24 June 2012: 08.30-10.30 hours, Adelaide, Australia

Strategy Theme: Knowledge

Year of Establishment: 1998 **Completion of the Mandate: 2014**

Mandate: To motivate ICID National Committees in various countries to set up their National Working Groups and provide them guidance to compile, publish, update and/or translate documents on history of irrigation, drainage, flood management and river engineering, incorporating relevant agricultural, political, socio-economic, climatological and geographical aspects for proper understanding of the technological developments in the subject, if possible chronologically. Furthermore, to organize seminars at ICID Congresses, in order to show the importance of historical studies and as to how they help when planning for the new projects. The WG will also focus on governance, institutions and management issues of irrigation and drainage systems, sustainable development and integrated water management in rural areas.

Members Present: (1) Dr. Kamran Emami, Chairman (Iran); (2) Prof. Dr. N. Hatcho (Japan); (3) Mrs. Xuming Tan (China); (4) VP Dr. Laszlo Hayde (Hungary); (5) Mr. Yogesh Paithankar (India);(6) VPH Dr. A. Hafied A. Gany (Indonesia); (7) Prof. Dr.-Ing. Klaus Rottcher (Germany); (8) Prof. Wen-Pin Shu (Chinese Taipei) represented by Dr. C.H. Tan.

Observers: (i) Mrs. Nurgul Uzucek (Turkey); (ii) Mr. Trevor Le Breton (Australia) (iii) Mr. Uttam Raj Timilsina (Nepal); (iv) Mr. Toshihiko Anzai (Japan); (v) Mr. Naoki Takahashi (Japan); (vi) Mr. Maurice Roos (USA); (vii) Prof. Linden Vincent (Netherlands); (viii) Mr. Takao Masumoto (Japan); (ix) Mr. Slamet Wiyono (Indonesia); (x) Mr. Dody Suryadi (Indonesia); (xi) Mr. Soekrasno Sastrohardjono (Indonesia); (xii) Mr. Li Yunpeng (China); (xiii) Moslem Sarvestani (Iran).

Item 1 : Review of membership of the Working Group

None of the three candidates for the membership of the group could attend the meeting. While Mr. Basudev Timilsina (Nepal) and Mrs. Ela Ekin (Turkey) but were represented, Mr. Mazhar Ali Shah, nominated in place of VPH Dr. I. B. Shaikh (Pakistan)neither attended the meeting nor was represented. As such the WG did not recommend the grant them membership.

On the basis of non-attendance, non-participation, no communication with ICID or with other members of WG-HIST during the last 2 or more consecutive years / meetings, Chair recommended discontinuation of the following memberships:

- Mrs. F. Sinatti (Italy)
- Mr. Jean Verdier (France)

The Central Office may invite fresh nominations from these National Committees.

Item 2 : Report by the Chairman on progress made by the National Working Groups (NWG) on their assignments

VPH Hafied Gany (Indonesia) and his colleagues from INACID published a report on *"Irrigation Tunnelling in Ancient Indonesia" a*nd released it during the Adelaide meetings**.** The WG congratulated Prof Gany and INACID. This is an excellent example and the WG hoped that other NC will follow suit. Prof. Gany will produce a summary from this book for the WG book on "Historical Water Sustainability".

Electronic version of the chapter on the History of Sri Lanka as a part of publication on Eastern Asian History of Irrigation was supposed to be presented by Ms. Bhadra Kamaladasa of Sri Lanka Irrigation Department. But Prof. Hatcho could not contact her in recent years.

A comparative history of the US Army Corps of Engineers would be sought through Prof Hatcho.

Item 3 : Progress on publishing *'Monsoon Asia History'*

Dr. Kamran Emami reported that not much progress has been achieved on this publication.

Item 4 : Progress on publishing History of Irrigation, Drainage and Flood Control in Southern Europe and the Mediterranean

The chairman reported that not much progress has been achieved on this publication.

Item 5 : Website of WG-HIST

The group noted that the website of the group <http://wg-hist.icidonline.org/> is fully functional. The digital version of the book on "Irrigation tunnelling in ancient Indonesia" will also available at the WG website.

The WG will start collection of films and articles of water history. This could enrich the website. After collecting a reasonable number of films and articles, a register or library with keywords will have to be organised. The relevant extended summaries and abstracts of MS and Ph.D. dissertations could be collected and made available at the WG website.

During the WG meeting, the Chair informed that IRNCID collected several documentaries on Water and Water history in Iran and they will be delivered to the Central Office and encouraged the other national committees to follow suit. VP Dr. Hayde will send a link to water related films available with UNESCO.

Item 6 : Work plan

An International Seminar on 'Historical Water Sustainability: Lessons to Learn' was organized by WG-HIST on 24 June 2012 at Adelaide. The papers presented in the workshop will be used for the book of WG-HIST on 'Historical Water Sustainability: Lessons to Learn'.

It was agreed that the time to prepare the book should not exceed a maximum of three years. The format for case study submission has already been circulated and is available at **Annex**.

History Seminar in 2014

It is customary for WG-HIST to organize a History Seminar at the time of ICID Congresses. Due to success of the history seminar on "Historical Water Sustainability" in Adelaide, the WG agreed to propose the same theme with some new sub-themes for the history seminar in 2014.

Sustainability through History

The chairman reported that not much progress has been achieved on organising a conference on the subject in Europe.

Item 7 : Adaptive management for water resources planning

As learning is the most important aspect, Adaptive management, studying water history and water wisdom could play a key role in adaptive management for Water Resources Planning. The chairman will give a presentation on 'Adaptive management for Water Resources Planning' during the next meeting

Item 8 : Any other business

TKWRM 2012, February 2012, Iran

The International Conference on "*Traditional Knowledge for Water Resources Management (TKWRM)"* was held on 21-23 February 2012 in Yazd, Iran. The Chairman and VP Dr. Hayde presented a report on the conference. It was decided to present the conference resolution, report and selected papers on the WG website.

Annex [Appendix XVIII, Item 6]

WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE AND FLOOD CONTROL (WG-HIST)

Format of case studies for the WG book titled "Historical Water Sustainability"

Each case study / example should be not longer than 5 pages of pure text. Graphs, pictures and maps will be additional to this text. The editors will review and choose the case studies as appropriate. In the best case studies could be on schemes which have been in action for more than 100 years. If case studies run shorter, please discuss this with the editors. The Adelaide meeting shows that the different understanding of sustainability could lead to confusion about what will be good cases studies for the book. And the title may be also lead to misunderstandings. So the objective of the book should be presented: "What could we learn from water history about sustainability" and every case study that can present the lesson learned (about success or failure of projects) is welcomed.

In the Adelaide meeting it was discussed that sustainability has two aspects, one is related to the technical measures (this aspect is usually well investigated) the other aspect is related to the maintenance, governance and operation (for most cases, this is not well investigated but it is very important for the function).

The sustainability should be clearly defined in the first chapter and role of history should be clarified. In last chapter the lesson learned from different case studies should be summarized.

Every case study should have:

- **Introduction** (~1/2 page text)

  The introduction should focus on the region, climate, topography, water (rainfall, evaporatione.g.as a graph over an average years), soil (if it is important) etc. This is often necessary for understanding the historic structures and the solutions, especially when the readers are not familiar with the region. Please write for an international audience everything that is necessary to understand your case study.

- **Description of the Scheme (structure**) (4 pages text)

  General overview and important details of the structure should be presented. The main and secondary objectives, construction, operation and management should be discussed:

  - Are there major changes / adoptions during the lifetime?
  - How long was the structure in function?
  - Is it a typical structure among others?
  - If the structure is not in operation now, please explain the reasons (failure, mismanagement, social or climate changes).
  - What is the situation now, what are the existing gaps of knowledge?
  - Why this structure was (is) an example for sustainability? (1/2 page text)
  - Why is the structure considered to be sustainable / or more sustainable? (or may be not sustainable)
  - What can we learn from this structure?

By the different limitations this description of case studies will be relatively short. But if more material about the case study in English (and may be in your language) and if a digital version is available and if there is no other copyright we can discuss to add this material as an annex on the CD, and if later the book will be printed as an additional CD in the book.

APPENDIX XIX [PCTA Item 3.5.1]

Minutes of the Fifth Meeting of the
WORKING GROUP ON WATER MANAGEMENT IN WATER STRESSED REGIONS (WG-DROUGHT)
24 June 2012; 15:30:17:30 hours, Adelaide, Australia

Strategy Theme: Basin

Date of Establishment: 2008 **Completion of the Mandate: 2014**

Mandate:

(i) Drought Management Strategies: To capture field experiences of the implementation of drought risk management strategies.

(ii) Coping with water scarcity

- Critical evaluation of the validity of the crop water requirement computations based on climate data as a tool to be used in coping with water scarcity;
- Approaches and strategies for incorporating economical justification when deciding on the amount of water to be allocated for agricultural production;
- Re-defining, as necessary, the conventional irrigation efficiency concept; and
- Design, operation and maintenance of sand dams – Under-ground water reservoirs.

(iii) Rainfall management for sustainable agriculture: Innovation and implementation of smart rainfall management technologies.

Members Present: (1) Vice President Hon. Franklin E Dimick, (USA, 2008) Chairman (2009); (2) Vice President Dr. Ragab Ragab (UK, 2008); (3) Dr. Graziano Ghinassi (Italy, 2008); (4) Prof. Chang-Chi Cheng (Chinese Taipei, 2008); (5) Dr. Takanori Nagano (Japan 2011); and (6) Dr. Vijay K. Labhsetwar, ICID Central Office.

Observers: (i) Mr. Gurhan Demir (Turkey); (ii) Ms. Chiao-Ling Tien (Chinese Taipei); (iii) Mr. Michael Mierzwa (USA) ; (iv) Mr. Osmo Purhonen (Finland); (v) Dr. Mochammad Amron (Indonesia); (vi) Ms. Aysen Pervin Gungor (Turkey); (vii) Dr. Jianxin Mu (China); (viii) Mrs. Lolly Martina (Indonesia); (ix) Mr. Nanang Rianto (Indonesia); (x) Dr. Ming-Young Jan (Chinese Taipei); (xi) Mr. Geoffrey Fenn ((Australia); (xii) Dr. Ranvir Singh (New Zealand); (xiii) Ir. Seung-Hwan Yoo (South Korea); (xiv) Mrs. Yng-Gyeong Oh (South Korea); (xv) Dr. Anna Tedeschi (Italy); (xvi) Dr. Cataldo Pulvento (Italy); (xviii Mr. Kuang-Ming Chuang (Chiese Taipei); and (xix) Ms. Pei-Chun Ni (Chinese Taipei); (xx) *Mr. Clarke Ballard (Australia)*.

Website: <http://www.wg-iadws.icidonline.org>

In absence of Dr. Abraham Mehari Haile (The Netherlands), Secretary, WG-DROUGHT, Mr. Clarke Ballard (Australia) assisted as Acting Secretary during the meeting of WG. Apology: Mr. Mohammad Sadegh Jafari, (Iran, 2008), Vice Chairman.

Item 1 : Review of the membership

New nominations for membership were received from:

- Mr. Clarke Ballard (Australia) – present at meeting
- Dr. Ir. Gurhan Demir (Turkey) – present at meeting
- Dr. Hakan Aksu (Turkey) as Young Professional - represented

All three memberships were accepted.

Item 2 : "Irrigation under Drought and Water Scarcity"- publication of erstwhile WG-IADWS

Sponsorship has now been obtained to publish this work in hard copy, and Central Office awaits a final edited version, or further information. Concern was expressed that the work is now out of date as it refers only to events up to about 2004 or 2007. The WG recommends that publication may proceed but asked Central Office to contact the original authors for updates.

It was resolved that Central Office be advised that the WG considers that the work should be published within six months. During these six months, an update of at least the major events referred to, by Central Office in conjunction with the original authors could be accomplished. Therefore, the document will be immediately forwarded to the Central Office for further handling.

Item 3 : Internal workshop in 2013

After considerable discussion, it was concluded that a workshop at the meeting in 2013 in Turkey would be a good way to progress the mandate of the WG. The WG requests approval of the workshop. **Commitment was received from members** representing Turkey, UK, Japan, Taiwan, USA and Australia to produce within six months (*say by the end of January 2013*) Country Papers on the subject of *"Water Management in Water Stressed Regions – Recent Drought Experiences."* Members also agreed to canvas other possible contributors in their countries for other papers.

The workshop would be a good compliment to the theme of the 64th IEC meeting in Turkey in 2013.
It was suggested that the proceedings could eventually be published in a Special Edition of the ICID journal, which would make submission of papers attractive to the academic community.

It was agreed that WG members will advise the Chairman, by July 20th 2012 of their views on the following:

- What should be the advertised theme and sub-themes of the 2013 workshop?
- What should be the ouput from the workshop?
    - Proceedings, with the idea of publishing them in a special edition of the ICID journal?
    - Proceedings, to be used to produce the final output of the WG?
    - Something else?
- What should be the final output of the WG Drought (required by 2014)
    - The proceedings of the Workshop in 2013?
    - Three technical papers, one prepared by each of the three present Theme Leaders, using the workshop outputs and any other material they have collected?
    - A single technical paper with a title of "Water Management in Water Stressed Regions" or similar, on the basis that the three Themes are so interlinked that papers on each theme will inevitably be duplicative?
    - Some other output (refer to "Proposed Outcomes of ICID workbodies" – Annex 3 to meeting agenda)

Item 4 : Presentations by Theme Leaders

Presentations were made by:

- Prof. Chang-Chi Cheng on Theme 1 – Drought management strategies in water stressed / scarce regions.
- Mr. Clarke Ballard on Theme 3 – Rainfall harvesting and management for sustainable agriculture.

The Chairmen summarised the presentation on Theme 2 – Coping with water scarcity – prepared by Mr. Jafari (Iran), who unfortunately could not attend Adelaide meetings.

In discussion it was agreed that the three themes were inter-linked to the extent that it would be very difficult to prepare separate papers without a lot of duplication.

Item 5 : Outputs of the Working Group

Final determination of the outputs of the WG will be made by the Chairman in consultation with Theme Leaders, following receipt of advice from WG members as outlined in item 3.

Item 6 : Any other business

No other items of business were raised. The meeting ended with thanks to the chair.

APPENDIX XX [PCTA Item 3.3.2]

Minutes of the Nineteenth Meeting of the
WORKING GROUP ON WATER SAVING FOR AGRICULTURE (WG-WATS)
24 June 2012: 15:30-17:30 hours, Adelaide, Australia

Strategy Theme: Systems

Year of Establishment: 1994 **Completion of the Mandate: 2013**

Mandate: "To recognize proven water saving success and to identify and promote successful water conservation".

Members present: (1) VPH Dr. Mohamed Hassan Amer, Chairman, 2010 (Egypt, 2000); (2) Dr. Neil Louis Lacler (South Africa, 2003) represented by Dr. NiloBenade; (3) Mr. MehrzadEhsani (Iran, 2006); and (4) VPH Mark Svendsen (USA).

Office Bearer present: VP Dr. G.R. Backeberg (South Africa);

Observers : (i) Mr. ArdavanAzari (Iran); (ii) Ms. Ir. NadideDemir (Turkey); (iii) Dr. Önder ÖKMEN (Turkey); (iv) JojiImabayashi (Japan); (v) Prof. Hu Heping (China); (vi) Dr. XieChongbao (China); (vii) Ir. Nasiruddin Abdullah (Malaysia); (viii) Mr. Uttam Raj Timilsina (Nepal); (ix) Ir. Jaekyoung Noh (Korea), (x) Dr. Mochammad Amron (Indonesia); (xi) Mr. Andre Roux (South Africa); and (xii) Mr. Nicolaas Opperman (South Africa).

Website: <http://www.wg-wats.icidonline.org>

Item 1 : Review of the membership

The following new nominations were accepted for membership after a brief introduction:

- Ir. Nadide Demir (Turkey)
- Dr. Önder ÖKMEN (Turkey) as Young Professional
- Dr. Nico Benade (South Africa) in place of Mr. Neil Louis Lecler

However, the following new nominees were neither present nor represented and, therefore, the nominations were deferred till next meeting:

- Dr. Xie Chongbao (China) in place of Prof. Li Yuanhua
- Mr. Pramod Kumar Shrestha (Nepal)

In accordance with ICID by-law 3.1.7,Chair recommends replacement of the following member:

- Dr. Hsu, Shiang-Kueen (Chinese Taipei)

ICID Central Office may invite fresh nominations from Chinese Taipei.

VPH Mark Svendsen (USA) suggested inviting fresh nomination from USCID in view of his recent retirement.

Mr. Mehrzad Ehsani (Iran) invited the new members to announce their possible involvement in the activities of the working group.

Item 1.1 : Election/ nomination of Vice Chair

Mr. Ehsani (Iran) was elected as new Vice-Chairman of the working group.

Item 2 : WatSave Awards

2.1 WatSave Awards - 2012

The nominations were evaluated by an international 'Panel of Judges' appointed by the President, ICID and the awards will be declared and presented at the 63rd IEC meeting scheduled to be held on 28 June 2012. *(The awards have since been declared and given away as below: Prof. Peng Shizhang's work on 'Theory and technology of controlled irrigation of rice in China' has won the WatSave Technology Award 2012 and Mr. Peter McCamish's work on 'Integrated water recovery' providing regional growth for northern Victoria, Australia has won the WatSave Innovative Water Management Award 2012.)*

2.2 Sponsorship

The Australian National Committee of ICID has bagged the honour of sponsoring the WatSave awards 2012. The WG members appreciated to Australian National Committee for their kind gesture and support.

Chair requested national committees to volunteer to support and grant the award money for the next annual meeting. As Turkey would be the host of 64th ICID annual meeting in 2013, it is proposed and recommended that the Turkish National Committee finance the award amounting to USD 8000.

Item 3 : Framework for cooperation and interaction among ICID member countries and work bodies

VPH Prof. M.H. Amer, Chairman of WG-WATS made contact with Chairs of WG-TRUE and WG-MIS regarding cooperation with the WGs in carrying out joint activities. Prof. Amer informed that 11th International Drainage Workshop (IDW) which will be held during 23-27 September 2012 at Cairo, Egypt and it would be a good opportunity if Chairs of WG-TRUE, WG-MIS, and WG-Drainage could contribute actively and present their papers as per the theme of the workshop.

Prof. Amer expected that four Chairs – WG-WATS, WG-Drainage, WG-TRUE and WG-MIS; could come together to make their paper on '*Future of land drainage in the world'*.

Item 4 : Internal Workshop on 'Water saving achievements'

The WG-WATS organized an Internal Workshop titled "Water Saving Achievements" on 26 June 2012. The main theme of the workshop was 'Water Saving approaches and achievement in irrigated agriculture" and the other subtopics of the workshop were: (a) Conventional, Engineering, Agronomic, Management, and Institutional water saving aspects and (b) Non-conventional innovative technologies. Two papers from WG were presented in the workshop.

Item 5 : Website of WG

The website for the working group has been functional. There was scope to add/ update new information from member countries. The Chairperson asked all those participants of the meeting to submit information and articles, news, etc. pertaining to their countries for posting on the WG website.

Item 6 : Work plan

At Tehran (2011) meeting, Ms. Fabienne Latapie (France) had volunteered to translate the book of WG-WATS titled 'Water Saving in Agriculture' into French language. The Central office has provided her with the soft copy of the document (in Word format) for her perusal and translation. Since Ms. Fabienne Latabie was not available, Central office is requested to follow-up with Ms.Fabienne Latabie.

Chinese committee representative in the meeting (Prof. Hu Heping, and Dr. Xiechong Bao) announced their willingness to translate the above mentioned book into Chinese language. Chair and WG members welcomed their

offer and commitment. They will report the progress of Translation in Chinese during the next meeting at Turkey in 2013.

WG proposes to organise another internal workshop on water saving during the next meeting at Turkey 2013. Ms. Ir. Nadide Demir and Dr. Önder ÖKMEN from Turkey National Committee volunteered to provide a paper on water saving approaches in Agriculture in Turkey for the workshop. Chair requested the other members to submit their national experiences on water savings in the internal workshop at Turkey in 2013.

Item 7 : Any other business

The meeting ended with thanks to the chair.

APPENDIX XXI [PCTA Item 3.7.3]

Minutes of the Fifteenth Meeting of the
WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)
24 June 2012: 15.30-17.30 hours, Adelaide, Australia

Strategy Theme: On-Farm

Year of Establishment: 1998 **Completion of the Mandate: 2014**

Mandate:

- To promote on-farm irrigation as part of integrated water resources management, and
- To promote sustainable efficient approaches for on-farm irrigation.

Members Present: (1) VPH Felix B. Reinders, Chairman (South Africa); (2) Dr. Kim Sun-Joo (Korea) represented by Prof. Joongdae Choi; (3) Mr. Yan Guanyu (China) represented by Li Jiasheng; (4) Dr. Graziano Ghinassi (Italy); (5) Mr. Hassan Shantia (Iran); (6) Mr. Francois Chretien (Canada); (7) Mr. Mohd Yazid bin Abdullah (Malaysia) represented by Azaman Md. Ali; (8) Mr. Jano Anter (Germany); (9) Dr. Akira Iwamoto (Japan); (10) Dr. S.A. Kulkarni representing Secretary General, ICID

Apologies: AK Randev (India), Mr. Mohan Reddy Junna (USA)

Observers: (i) Mr. Dwi Kristianto (Indonesia); (ii) Mr. Widiarto (Indonesia); (iii) Mr. Abdulkadhum Lehmood Yassir Al-Shahmani (Iraq); (iv) Mr. Uttamraj Timilsina (Nepal); (v) Mr. Ching-Tien Chen (Chinese Taipei); (vi) Mr. Saddam Qahtan (Iraq); (vii) Mr. Rafat Al-Intaki (Iraq); (viii) Prof. Safaa Noori Hamad (Iraq); (ix) Mr. Sakata Satoshi (Japan); (x) Ms. Mary-Jean Gabriel (South Africa); (xi) Dr. Koichi Miharu (Japan); (xii) Prof. Joongdae Choi (Korea); (xiii) Mr. Kunlun Ding (China); (xiv) Mr. Katsuyuki Shimizu (Japan); (xv) Mr. Fang-Chien Lu (Chinese Taipei); (xvi) Mr. Pei-Chan Wang (Chinese Taipei); (xvii) Mr. Sheng-Hsuan Tsai (Chinese Taipei); (xviii) Mr. Andre Cornelissen (South Africa); (xix) Mr. Ching-Feng Chen (Chinese Taipei); (xx) Mr. Kuang-Ming Chuang (Chinese Taipei); (xxi) Ms. Pei-Chun Ni (Chinese Taipei); (xxii) Dr. Jiusheng Li (China); (xxiii) Dr. Ranvir Singh (New Zealand).

Member Hon.: Dr. Willem Vlotman, Vice President, ICID (Australia)

Website :<http://wg-on-farm.icidonline.org>

Item 1 : Review of membership of the Working Group

The nomination of Dr. Chen, Ching-Tien in place of Mr. Yeh, Shu-Shr (Chinese Taipei) was accepted for the membership of the group. Following the ICID By law 3.1.7, the following members not contributing by their attendance/correspondence for two consecutive years will be replaced in consultation with the respective National Committees:

- VPH Dr. F. Ligetvari (Hungary)
- Mrs. Mira Edelbeher (Slovenia)

Item 2 : To review the progress in preparation of documents

2.1 Paper on "Improvement of the On-Farm Irrigation Systems Using Simple Water Control, Measuring and Application Devices"

It was agreed that an article on the above topic will be published in the forthcoming issues of 'ICID News' once the article is ready.

2.2 Paper on "Micro irrigation for Smallholders and Greenhouses"

The paper had been reviewed by Mr. Reinders and it will be communicated with Prof. Y. Nakano (Japan) so that it can be submitted to ICID Journal for its possible publication.

2.3 Upgrading/ modernization of surface irrigation systems

Prof. Mohan Reddy (USA) volunteered to prepare a book on "Upgrading/ modernization of surface irrigation systems". Prof Reddy has relocated in Asia as an employee of IWMI. He communicated by e-mail and prepared a first draft document with chapters and possible contributors. The plan is to involve a number of countries with the preparation of this book. A first drat and report will be ready for the meeting in Turkey.

Item 3 : Liaison with the ISO/TC23/SC18

Chairman Felix Reinders nominated Dr. Mohan Reddy Junna (USA) to attend the 30th meeting of the ISO/TC23/SC18 held in November 2011 at Tel-Aviv on behalf of ICID. However, no feedback was received from Dr. Reddy. A brief on the present scope, membership, and Working/ Ad Hoc groups of the SC18 is shown in **Annex 1**.

The 31st meeting of ISO/TC23/SC18 will be held from 31 October to 7 November 2012 in Orlando, USA. It was suggested to request Dr Jim Ayars (USA) to attend the meeting on behalf of WG-ON-FARM.

Item 4 : World-wide Usage of Micro and Sprinkler Irrigation

4.1 Data sheet on Sprinkler and Micro Irrigated Areas in ICID Network Countries

The data on sprinkler and micro irrigated area as compiled by the WG was widely referred by international organizations and private companies. Central Office had been receiving queries from international organizations, companies like Mckensey, Yara Fertilizers, etc., to know more about the micro irrigation development in different countries.

Since Tehran meeting, Central Office received updated data on micro and sprinkler irrigation areas from national committees of Finland, Spain, Turkey, and Ukraine. VPH Kovalenko provided the latest data pertaining to Ukraine, Russia, Kazakhstan, Azerbaijan, Uzbekistan, Moldova compiled during the international scientific conference held on 30 March 2012 in Ukraine. The updated data is shown in **Annex 2**. As per the latest data, sprinkler irrigated area is about 42.8 million ha while 10.3 million ha are under micro irrigation, worldwide. Members may like to provide their observations on the data and suggest other sources/ links to obtain the data/ information.

4.2 Survey of 'World-wide Usage of Sprinkler and Micro irrigation'

It was decided to merge this activity with item 4.1 by suitably expanding the scope of the database compilation by including additional data on major crops irrigated, potential area of micro and sprinkler irrigation in each country, subsidy pattern, types of sprinkler and micro irrigation systems, micro irrigation in plastic/ greenhouses, etc. The Chair, Mr. Reinders and Dr. Kulkarni will finalise the merging and send it to member countries for populating.

4.3 Compilation of irrigation efficiencies achieved in ICID network countries

During Tehran meeting, the group discussed about the compilation of worldwide data on irrigation efficiencies and emphasized that it would be interesting to compare the irrigation efficiency levels achieved among countries, and that there was a need to standardize the efficiency measuring methodology, internationally. Some countries are

using groundwater sources while the others use the surface water sources for irrigation and thus the overall irrigation efficiency varies. It was also noted that the water application rate of a given irrigation method needs to be included in efficiency computation as well. The group suggested consulting Chinese National Committee (CNCID) to take a lead on this topic while WG will extend technical support as required. Central Office communicated with CNCID who have agreed to work on the topic through the newly established 'International Center for Training and Research in Irrigation and Drainage' and that the topic may be dealt during the forthcoming workshop of the Center proposed to be held in July 2012.

In this regard, the Chairman indicated that the work by Chris Perry in 2007 on a Water Balance approach had been endorsed by ICID and that he will make a presentation on the approach.

Item 5 : Website of the Workbody

The WG website <http://wg-on-farm.icidonline.org/> was active and members were encouraged to access and provide relevant documents, information, pictures, and links to the Chair / Central Office for uploading on the website.

Item 6 : Report of the 8th International Micro Irrigation Congress (8IMIC), Tehran, 2011

The 8th International Micro-irrigation Congress (8IMIC) was held alongside the 21st Congress and 62nd IEC meeting of ICID on 21 October 2011 in Tehran. More than 200 delegates from 55 countries attended the 8th IMIC. The theme of the 8th IMIC was "*Innovation in Technology and Management of Micro-irrigation for Enhanced Crop and Water Productivity*". About 96 papers (comprising 55 oral and 41 posters) were received for the event. All the papers were reviewed by a technical committee of experts. Prof. Chandra Madramootoo was the Keynote Speaker at the opening Ceremony, while VPH Felix Reinders was the General Reporter. Proceedings of the 8th IMIC can be viewed/ downloaded at <http://wg-on-farm.icidonline.org/micro_irrigation_tehran.pdf>.

Item 7 : Work plan of the Group

7.1 Updating the workplan

The updated work plan of the Working Group is shown as **Annex 3**.

7.2 Inviting proposals for 9th Micro irrigation Congress/ Conference

As regards the organization of the International Micro Irrigation Congress (IMIC), the 61st IEC meeting held at Yogyakarta in 2010 had given the decision that the nomenclature 'Congress' is apt for one and only one event in ICID which is the triennial ICID Congress that has been covered in the Constitution and By-laws. In light of the above decision, the WG made the following decision:

- The name will be "International Micro Irrigation Symposium"
- The event can be held alongside with the IEC Regional Conference or independently
- The frequency can be every 3 years
- Countries that want to host the event must submit details on the proposed Symposium to enable the WG to award the event.

Member countries will be invited to submit proposals to host the next (9th) International Micro Irrigation Symposium.

Item 8 : Any other business

As it is customary, members were asked to make presentations on appropriate topics at the WG meeting and the following presentations were made:

- Dr. Graziano Ghinassi (Italy) made a presentation on: "Economic and agronomic response of industrial crops to drip and hose-reel sprinkler irrigation: results of a three year research project in north Italy"
- Mr Felix Reinders (South Africa) made a presentation on: "Water Use Efficiency: A water Balance Approach"

Annex 1 [Appendix XXI, Item 3]

WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)

A BRIEF NOTE ON ISO/TC 23/SC 18
(Tractors and Machinery for Agriculture and Forestry/ Irrigation and Drainage Equipments)

Scope: Standardization of irrigation and drainage systems and equipment by elaboration of performance requirements, characteristics and test methods.

Secretariat: Israel (SII)

COMMITTEE MEMBERS:

Participating Countries (11): Australia(SA), Belgium (NBN), Canada (SCC), China (SAC), Germany (DIN), Hungary (MSZT), India (BIS), Italy (UNI), Spain (AENOR), USA (ANSI)

Observing Countries (20): Cyprus (CYS), Netherlands (NEN), Czech Republic (UNMZ), Poland (PKN), Denmark(DS) , Portugal (IPQ), Ethiopia (ESA), Romania (ASRO), France (AFNOR), Russian Federation (GOST R), Greece(ELOT), Serbia (ISS), Iran, Islamic Republic (ISIRI), Slovakia (SUTN), Korea, Republic (KATS), Sweden (SIS),Mexico (DGN), Ukraine (DSSU), Morocco (IMANOR), United Kingdom (BSI).

Working Groups

- WG 1 – Definitions
- WG 2 – Technical data sheets for irrigation equipment (disbanded)
- WG 3 – Irrigation sprinklers
- WG 4 – Laboratory test equipment for irrigation purposes
- WG 5 – Micro irrigation emitter – clogging test procedures
- WG 6 – Harmonization of test methods
- WG 7 – Valves

Ad Hoc Groups

- Standardization for surface irrigation equipment
- Revision of Standards on filters
- Revision of Standards on Sprayers
- Safety systems for chemigation
- Collapsible hoses
- Meters for irrigation water
- Remote Monitoring and Control Technologies

Website: www.sii.org.il

Annex 2 [Appendix XXI, Item 4.1]

WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)

Sprinkler and Micro Irrigated Area in Member Countries

(Arranged in descending order of the total sprinkler and micro irrigated area)

Sl. No.	Country	Total irrigated area	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	Year of reporting
		(Mha)	Hectares				
1.	USA	24.7	12,348,178	1,639,676	13,987,854	56.5	2009
2.	India	60.9	3,044,940	1,897,280	4,942,220	8.1	2010
3.	China	59.3	2,926,710	1,669,270	4,595,980	7.8	2009
4.	Uzbekistan	4.223	4,300,000	2,000	4,302,000	100	2012
5.	Brazil	4.45	2,413,008	327,866	2,740,874	61.6	2006
6.	Russia	4.5	2,500,000	47,000	2,547,000	56.6	2012
7.	Ukraine	2.18	2,450,000	52,000	2,502,000	100	2012
8.	Spain	3.47	782,508	1,658,317	2,440,825	70.3	2011
9.	Italy	2.67	981,163	570,568	1,551,731	58.1	2010
10.	France	2.9	1,379,800	103,300	1,483,100	51.1	2011
11.	Kazakhstan, Rep.	2.13	1,400,000	17,000	1,417,000	66.5	2012
12.	South Africa	1.67	920,059	365,342	1,285,401	77.0	2007
13.	Saudi Arabia	1.62	716,000	198,000	914,000	56.4	2004
14.	Australia	2.38	690,200	214,200	904,400	38.0	2005
15.	Iran	8.7	460,000	270,000	730,000	8.4	2009
16.	Canada	0.87	683,029	6,034	689,063	79.2	2004
17.	Turkey	5.34	500,000	150,000	650,000	12.2	2012
18.	Azerbaijan	1.433	610,000	100	610,100	42.6	2012
19.	Mexico	6.2	400,000	200,000	600,000	9.7	1999
20.	Korea	1.010	200,000	400,000	600,000	59.4	2009
21.	Egypt	3.42	450,000	104,000	554,000	16.2	2000
22.	Germany	0.54	525,000	5,000	530,000	98.1	2005
23.	Japan	2.50	430,000	60,000	490,000	19.6	2010
24.	Romania	1.5	448,000	4,000	452,000	30.1	2008
25.	Slovak Rep.	0.313	310,000	2,650	312,650	99.9	2000
26.	Israel	0.231	60,000	170,000	230,000	99.6	2000
27.	Morocco	1.65	189,750	8,250	198,000	12.0	2003

Sl. No.	Country	Total irrigated area	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	Year of reporting
		(Mha)	Hectares				
28.	Hungary	0.22	185,000	7,000	192,000	87.3	2008
29.	Moldova	0.228	145,000	15,000	160,000	70.2	2012
30.	Syria	1.28	93,000	62,000	155,000	12.1	2000
31.	Great Britain	0.11	105,000	6,000	111,000	100	2005
32.	Finland	0.07	60,000	10,000	70,000	100	2010
33.	Portugal	0.63	40,000	25,000	65,000	10.3	1999
34.	Malawi	0.055	43,193	5,450	48,643	88.4	2000
35.	Chile	1.09	16,000	23,000	39,000	3.6	2006
36.	Chinese Taipei	0.38	18,850	8,750	27,600	7.3	2009
37.	Bulgaria	0.588	21,000	3,000	24,000	4.1	2008
38.	Czech Rep.	0.153	11,000	5,000	16,000	10.5	2007
39.	Philippines	1.52	7,175	6,635	13,810	0.9	2004
40.	Poland	0.1	5,000	8,000	13,000	13.0	2008
41.	Slovenia	0.0073	8,072	733	8,805	100	2009
42.	Malaysia	0.38	2,000	5,000	7,000	1.8	2009
43.	Macedonia	0.055	5,000	1,000	6,000	10.9	2008
44.	Lithuania	0.0044	4,463	-	4,463	100	2010
45.	Estonia	0.001	500	500	1,000	100.0	2010
	Total	**217.65**	**42,888,598**	**10,333,921**	**53,222,519**	**24.5**	

Annex 3 [Appendix XXI, Item 7.1]

WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)
Work Plan (2012-2014)

2012	2013	2014
Continue updating datasheet on "Sprinkler and micro irrigated areas in ICID member countries"	Continue updating datasheet on "Sprinkler and micro irrigated areas in ICID member countries"	Continue updating datasheet on "Sprinkler and micro irrigated areas in ICID member countries"
Post the papers presented at the 8IMIC, Tehran on WB website Decide on future of Micro irrigation Symposium	Plan and cooperate with the organisers of the 9th International Micro irrigation Symposium	Plan and cooperate with the organisers of the 9th International Micro irrigation Symposium
Finalize the revised questionnaire on "Survey of world-wide usage of sprinkler and micro irrigation" and circulate to NCs	Compile information received from countries filled in "Survey of world-wide usage of sprinkler and micro irrigation".	
Submit paper on "Micro irrigation for smallholders and greenhouses"		
Submit paper on "Field Water Management and Soil water Conservation under Spate Irrigation"		

APPENDIX XXII [PCTA Item 3.5.4]

Minutes of the Twenty-Seventh Meeting of the
WORKING GROUP ON COMPREHENSIVE APPROACHES TO FLOOD MANAGEMENT (WG-CAFM)
25 June 2012; 08:30-10:30 hours, Adelaide, Australia

Strategy Theme: Basin

Year of Establishment: 1999 **Completion of the Mandate: 2015**

Mandate (new): To identify and disseminate various structural and non-structural measures of flood management, and to study the social, political and economic aspects of flood mitigation measures, ecologically sound development, international cooperation, as well as people's participation in disaster preparedness. The objective is to help the planners, managers and designers setting up holistic, integrated and adaptive flood management schemes in view of uncertainties resulted from the climate and hydro systems changes.

Members Present: (1) Dr. Kamran Emami, Chairman, 2010 (Iran, 1999); (2) Prof. Dr. - Ing. Klaus Röttcher, Vice Chairman (Germany, 2009); (3) Dr. Takao Masumoto, Secretary (Japan, 2009); (4) Mr. Ahmet Seren (Turkey, 2006); (5) Mr. Maurice Roos (USA, 2006); (6) Mr. Marcel Marchand (The Netherlands, 2011); and (7) Mr. Olli-Matti Verta (Finland).

Office Bearers present : (i) Dr. Gao Zhanyi (China), President, ICID. (ii) VPH Dr. Hafied Gany (INACID, Indonesia); (iii) PH Prof. Bart Schultz (The Netherlands); (iv) VPH Felix Reinders (South Africa); (v) Vice President Mr. Chaiwat Prechawit (Thailand); (vi) Vice President Dr. Willem Vlotman (Australia);

Observers: (i) Mr. Michael Mierzwa (USA); (ii) Mr. Sam Green (Australia); (iii) Ms. Hmindeh Nouri (Australia); (iv) Mr. Zhao Hao (China); (v) Prof. Ruey-Chy Kao (Chinese Taipei); (vi) Prof. Jaekyoung Noh (South Korea); (vii) Mr. Mirco Dallai (Italy); and (viii) Ir. Gurhan Demir (Turkey) (ix) Dr. Herman Booysen (South Africa, 2012); (x) Dr. Arthon Suttigarn (Thailand, 2012); and (xi) Ms. Ir. Aysen Pervin Gungor (Turkey, 2012).

Website: <http://wg-cafm.icidonline.org>

Item 1 : Review of the Membership of the Working Group

The Thai National Committee of ICID (TICID) nominated Dr. Arthon Suttigarn. Dr. Arthon introduced himself briefly. His nomination was accepted unanimously.

The Turkey National Committee of ICID (TUCID) nominated Ms. Ir. Aysen Pervin Gungor as the second member of Turkey and her nomination was unanimously accepted. Mr. Ahmet Seren (Turkey, 2006) is already a member as a Young Professional and hence the new nomination (2nd) from Turkey as above is acceptable as per ICID by-laws.

The South African National Committee of ICID (SANCID) nominated Dr. Herman Booysen and his nomination was accepted unanimously after a brief introduction.

In accordance with ICID by-law 3.1.7, Chair recommends replacement of the following members:

- Prof. Josip Petras (Croatia)
- Dr. Lajos Szlavik (Hungary)
- Prof. dr. Franc Steinman (Slovenia)
- Dr. Jianming Ma (China)

ICID Central Office may invite fresh nominations from the respective National Committees.

Item 2 : International Workshop on '*Adaptive Flood Management'*, in Adelaide, Australia

The WG successfully organized an International Workshop titled '*Adaptive Flood Management'* on 25 June 2012 following the WG meeting. Nine (9) papers were presented, which are listed in **Annex.** The workshop was attended by 31 delegates.

The members and all participants to the WG meeting agreed that the papers from the workshop may lead to the publication of a book as "Adaptive Flood Management" in the series of ICID Publications under the WG-CAFM. The WG members discussed the contents of possible chapters, draft structure of the book, role of case studies and so on. Vice Chairman, Prof. Klaus Röttcher, agreed to provide a draft structure (framework of the paper) for inviting the relevant case studies for the book.

The members discussed about audience and/or readers of this book. They agreed to aim the book for helping the planners, managers and designers, setting up holistic, integrated and adaptive flood management schemes in view of uncertainties resulted from the climate and hydro systems changes *(similar to manuals on structural and non-structural flood management approaches, which were published by the WG in the past).*

Item 3 : Presentations on Floods (*Country Case Studies*)

The country case study, which is normally presented by the host country, could not be presented in the meeting.

Item 4 : New Structured Work Plan

A new mandate of the WG was set up during the 26th meeting in Tehran (2011) and the WG members agreed to organise workshops regularly towards fulfilling the mandate of the working group, and eventually publishing a manual on "Adaptive Flood Management".

Item 5 : Any other business

A selection of Vice Chairman has been a pending issue and Prof. Klaus Röttcher of Germany was nominated as a vice chairman and his nomination was unanimously approved.

Dr. Emami presented a concept and the criteria for selection of design floods for large dams in the world and classify the criteria into three approaches from USA, Europe, and Japan. This led to a heated discussion on issues such as safety, design capacity, public concerns and so on.

Annex [APPENDIX XXII, Item 2]

ADAPTIVE FLOOD MANAGEMENT'
25 June 2012
11:00-12:30 hours and 13:30-15:00 hours

List of papers presented

(1) A "The Great 2011 Thailand Flood: A Big Lesson Learned" by VP Chaiwat Prechawit (Thailand).

(2) "Adaptive Flood Management" by Dr. Kamran Emami (Iran).

(3) "Infrastructure of Irrigation, drainage, and flood control adapted to climate change : Actions for Solution experienced in the Republic of Korea" by VP Tai Cheol-Kim (Korea).

(4) "FloodSAFE, an Ambitious Program to Upgrade Flood Protection in the Central Valley of California" by Mr. Maurice Roos (USA).

(5) "Adaptive Flood Management in the Netherlands" by Dr. Marcel Marchand (The Netherlands).

(6) "Adaptive Disaster Management Using Flood Prevention Functions of Paddies and Irrigation/Drainage Facilities in Monsoon Asia" by Dr. Takao Masumoto (Japan).

(7) "Mapping flood vulnerability of the agricultural sector in the Northern Cape Province, South Africa" by Dr. Herman Booyesen (South Africa).

(8) "The Course of Flood Management Activities in Turkey" by Mr. Ahmet Seren (Turkey).

(9) "Lower Loddon Irrigators Recovery Package – Increasing the Resilience of Farming Communities on The floodplain" by Mr. Neil McBeath (Australia).

Vice Chairman of the WG, Prof. Klaus Röttcher presented a Germany case study titled "*Decentralized Measures as an important part of Flood Risk Management."*

APPENDIX XXIII [PCTA Item 3.3.6]

Minutes of the Sixth meeting of the
TASK FORCE ON FINANCING WATER FOR AGRICULTURE (TF-FIN)
25 June 2012; 8:30-10:30 hours, Adelaide, Australia

Strategy Theme: Systems

Year of Establishment: 2007 **Year of completion: 2012**

Mandate: The focus of the TF will be to get a better understanding and insight (assessment) of: (i) the required investments and beneficiaries of those investments in agricultural water, (ii) the presently available financing mechanisms and constraints for maintaining or improving physical irrigation capacity; and (iii) the expected changes and innovations for more appropriate financing mechanisms to enable sustainable water use for food production.

Members Present : (1) Vice President Dr. Gerhard R. Backeberg, Chairman (South Africa, 2009); (2) Dr. Sylvain-Roger Perret, Secretary (France, 2010); (3) Mr. E. Farhadi (Iran, 2009) represented by Ir. Hassan Shantia; (4) Dr. K. Yamaoka (Japan, 2009); (5) Dr. Vijay K.Labhsetwar, Director, ICID CO.

Observers : (i) Ir. Kotaro Mizoguchi (Japan); (ii) Ir. GurhanDemir (Turkey); (iii) Ir. Mehmet Sait Tahmiscioglu (Turkey); (iv) Dr. Huseyin Gundogdu (Turkey); (v) Prof. Mohamad Amin (Malaysia); (v) Dr. Tapas Biswas (Australia); (vi) Prof. Lyudmila Kireycheva (Russia); (vii) Dr. Irina Yurchenko (Russia); and (viii) Ir. Irina Glazunova (Russia).

Item 1 : Membership of the Task Force

Three members and one representative of a member attended the meeting, along with 9 other observers. Two corrections are to be made on Annexe 1 of the agenda: Dr. Sylvain-Roger Perret (France) did attend the meeting in Tehran 2011; Dr. B. Davidson is a member representing Australia (and not the USA).

Item 2 : Activity report of TF-FIN as per accepted Work Plan

As per accepted workplan, the following activities took place: Workshops were held in 2009 (India), 2010 (Indonesia), 2012 (Adelaide), completing all the planned topics for the final report. In preparation for the workshop in Adelaide, the guidelines for presentations were developed and agreed upon between the Chairman and the Secretary, and then sent to all TF-FIN members by ICID Central Office.

Item 3 : Country papers and case studies on "Water Use Charging Systems and available Financing of Irrigation" for Workshop in Adelaide, Australia (2012)

Three country case studies were presented in Adelaide by Dr. Perret (France, on Thailand), Prof. Yamaoka (Japan) and Vice President Dr. G. Backeberg (South Africa). The presenters were requested to provide the write-up of the case studies by end of October 2012. It was decided that members from Australia, India, Iran and Pakistan will be given a final opportunity to contribute a case study for the country they represent, while Australia and India will be given a chance to document and elaborate on the country policies and strategies on water use charges. All these member countries will be informed of the inputs to be made by the Chairman and ICID Central Office with a target date for completion also by end of October 2012.

Item 4 : Selected options for publication of workshop papers by TF-FIN members

A draft report of the TF-FIN entitled "*Water Use Charging Systems and Available Financing of Irrigation Development: Country Case Studies"* has been compiled by the Chairman and submitted to the members during the meeting. After explanation of the content, the following actions were agreed upon:

- Authors of completed papers are responsible to finally check contents for correctness; outstanding papers on country case studies as discussed under item 3 are to be included; in both cases, authors are requested to make use of Arial font, size 12, and to send the MSWord version of the paper to ICID Central Office for attention to Dr Vijay Labhsetwar;
- Dr.Perret will initiate writing up a "conclusion and recommendation" section for the report; it will be sent to Chair for further development, then ultimately circulated to TF-FIN members for final approval;
- The target date for completion of a final report from TF-FIN is set to July 2013; the report will be handed over to ICID Central Office for publicationafter the 7th and final TF-FIN meeting to be held in Turkey, September 2013.

Item 5 : Conclusion of activities of the Task Force

The TF-FIN plans to hold a final meeting in September 2013 in Turkey. The only item on the agenda will be approval of the final report by the TF-FIN members. For this purpose, it is requested that the term of the TF-FIN be extended by one year to September 2013 for completion of the mandate. The draft report of the TF-FIN will be handed to PCTA for consideration.

The key findings of the TF-FIN is that water use charges levied upon farmers cannot fully finance irrigation development, and that other economic intangible benefits, and fiscal sources and applications of funds should be investigated. Country case studies illustrate well the diversity of situations and opportunities regarding financing of irrigation development.

Item 6 : Any other business

The meeting ended with thanks to the chair.

APPENDIX XXIV [PCTA Item 3.7.1]

Minutes of the Fifth Meeting of the
WORKING GROUP ON WATER AND CROPS (WG-CROP)
25 June 2012: 08:30-10:30 hours, Adelaide, Australia
Strategy Theme: On-Farm

Year of Establishment: 2007 **Completion of the Mandate: 2013**

Mandate: To promote the efficient use of water in crop production, to provide input to test crop water models, to investigate the use of energy crops for bio-fuel production, to develop techniques for rainfall harvesting, to promote the multifunctional use of water in paddy (rice) cultivation, to investigate the adaptation of agriculture to climate change and to promote low input agriculture.

Members Present: (1) Vice President Dr. Ragab Ragab, Chairman (UK, 2007); (2) Mr. Laurie C. Tollefson, Vice-Chairman (Canada, 2009); (3) Dr. K. Yella Reddy (India, 2010); (4) Prof. Maria E.V. Scarascia (Italy, 2007) represented by Dr. Graziano Ghinassi; (5) Vice President Prof. Cai Lingen (China, 2007) represented by Mrs. Hong Gao; (6) Vice President Prof. Tai Cheol Kim (Korea); (7) Dr. Andrew Sanewe (South Africa, 2007); (8) Ms. Jaleh Vaziri (Iran, 2009) represented by Mr. Ardavan Azari; (9) Dr. Koji Inosako (Japan, 2010) represented by Prof. Takanori Nagano; and (10) Prof. Dr. Mohd Amin MohdSoom (Malaysia, 2011).

Office Bearer: President Hon. Peter S. Lee (UK).

Observers: (i) Mr. John Sayers (Australia); (ii) Dr. Yacob Beletse (South Africa); (iii) Mrs. Irina Bondarik (Russia); (iv) Prof. Jin-Yong Choi (South Korea); (v) Mr. Francois Chretien (Canada); (vi) Mr. Kotaro Mizoguchi (Japan); (vii) Mrs. Yun-Gyeong Oh (South Korea); (viii) Mr. Sang-Hyun Lee (South Korea); (ix) Ir. Na Young Park (S. Korea); (x) Mr. Uttam Raj Timilsina (Nepal); (xi) Mr. Dominique Rollin (France); (xii) Ir. Les Oliveri (Australia); (xiii) Ir. Arigerla Goulter (Australia); (xiv) Ir. Noel Baines (Australia); and (xv) Prof. Leon Van Rensburg (South Africa).

Website: <http://wg-crop.icidonline.org>

Item 1 : Review of the membership of the Working Group

The following persons nominated by their respective national committees, were present in the meeting and accepted as new WG members:

- Mrs. Gao Hong (China) in place of VPH Prof. Cai Lingen
- Mr.Valey VladimirovichKalsky (Russia)

Mr Shreemat Shrestha's nomination from Nepal National Committee on Irrigation and Drainage (NENCID) was deferred to the next WG meeting to be held in Turkey in 2013 since he was not present.

The Chairman informed that representation of a member in the Working Group meeting by any other representative of the concerned National Committee was not deemed to be a contribution by a member. The ICID by-law 3.1.7 stipulated that members not contributing to the activities by attendance or correspondence for two consecutive years shall be replaced in consultation with their National Committees.

It was observed that members from Chinese Taipei, France, and Spain had not been contributing to the activities of the WG for past two or more years. The Chairman and Vice-Chairman of WG informed that VPH Prof. B.I. Maticic from Slovenia is in regular touch through mails and contributing to the activities of WG. In view of above, it is once again suggested that the Central Office shall request these National Committees for fresh nominations.

Item 2 : Work Plan and Tenure

The Chairman briefed the members present about the significant contribution of WG on the following topics over the years.

- efficient use of water in crop production
- crop water models
- rainfall harvesting
- multifunctional use of water in paddy
- Energy crops

It was suggested to bring out some concrete deliverables in terms of'Technical Report' on above subjects from this WG and allocate responsibilities with definite timeframe to complete the task. The chairman informed that earlier this WG has contributed for the publication of technical report 'FAO 56', which became very popular among the users.

After thorough discussion, it was agreed to publish a 'Technical Report' by the WG by consolidating contributions already presented, collection of information from members of different countries by the resource persons identified.

Sl. No	Name of the topic	Resource person identified
1	Efficient use of water in crop production	Dr. K.Y. Reddy / Dr. Graziano Ghinassi
2	Crop water models	Dr. Ragab Ragab
3	Rainfall harvesting	Dr. Andrew Sanewe
4	Multifunctional use of water in paddy	Prof. Tai Cheol Kim / Dr. Mohd Amin
5	Energy crops	Mr. Laurie C. Tollefson

(i) It was suggested that each topic/chapter can be of 25 to 30 pages and the total report can be of 125 to 150 pages. The chapters are to be externally reviewed before going to print.

(ii) Members are requested to contribute their countries experiences for enabling the persons identified to bring out informative and useful chapters.

(iii) The deadline for preparation of chapters is end of April 2013. Proposed to release the publication in ICID conference in Turkey 2013.

Organizing workshop

It was agreed to organize one day workshop titled '*Management of Agriculture under Climate Change'* at Mardin in Turkey (2013). It was recommended to invite '*Climate Change'* working group to contribute to the workshop.

Extension of Tenure:

The Chairman informed the participants that the term of Working Group ends in 2013 as per the original mandate. He narrated that the WG has lot of responsibility to deal with in view of the increasing food demands and pressure on water and land resources. He suggested that there is a need to include *'Food Security' and 'Virtual Water"* as additional items in the agenda of the WG. The participants have unanimously agreed for inclusion of the additional agenda items' in WG mandate.

PH Peter Lee suggested that an appropriate new name may be considered for the WG in view of the new agenda item reflecting future requirements. *'Water and Food Security'* is one name suggested by the members for consideration. In view of the above it is proposed to extend the term of WG by another three years period up to 2016.

Item 3 : Precision Agriculture: Promote the efficient use of water and low input in crop production

Dr. Hossein Dehghanisanij (Iran) was not present in the WG meeting to present his paper on *'Precision Irrigation'* with the improved data.

Dr. Ragab Ragab (UK) made his presentation on '*Water Footprint'* during the meeting. He has narrated the Virtual water components of cotton in different countries and explained about the Blue, Green and Grey Waters. The participants appreciated the approach of *'Water Footprint' and 'Virtual Water'*.

Item 4 : Energy crops for bio-fuel production

Mr. Laurie C Tollefson, Vice-Chairman has informed that a Workshop on *'Country Policies and developments of Water for Bio-Energy and Food' i*s being held on 26th June 2012, in which various authors are presenting papers. The members are requested to participate in the workshop.

Item 5 : Multi-functionality of water use in paddy (Rice) cultivation

While Dr. Graziano Ghinassi (Italy), Prof. Tai-Cheol Kim (Korea), and Dr. Inosako Koji (Japan), who made their presentations on the subject during Tehran (2011) meeting, other members were invited to prepare summary of their papers / report of Multi-functionality of water use in Paddy (Rice) cultivation for presentation during the meeting. In absence of response. the members are requested to submit their papers to concerned resource person (refer Item 3) by end of April 2013.

This item is included as one of the chapters of 'Technical Report' to be prepared by the WG.

Item 6 : Management of Agriculture under Climate Change

Dr Yacob Beletse (South Africa) made presentation on *'South African Agricultural Model Inter Comparison and Improvement Project'.* He informed that Sub-Saharan Africa faces enormous challenges increasing its agricultural production to provide food security to the projected population increase by middle of century. The challenge is compounded by the need to adopt climate change. This project characterizes the impact of climate change on staple and nutritionally important crops for southern Africa using biophysical and economic models.

Dr. K. Yella Reddy (India), Secretary of WG-CROP presented paper on *'Mapping and Auditing of Multiple Uses of Water Services in Krishna Western Delta using MASSMUS Methodology – A Case Study'*. A detailed analysis on Water balancing of the delta was presented by considering inputs of water into the delta from canal, rainfall, and drainage water. The share of water use by different services in the delta and their contribution to economy were narrated. The steps needed for improving water use efficiency in the delta based on the outputs of the tool were also presented.

Item 7 : Website of WG

Prof. Tai-Cheol Kim (Korea) agreed to prepare a brief report on his contribution for posting into the ICID website.

The Chairman indicated all the presentations made in the WG meetings will be up loaded to ICID website for the benefit of all the members and other visitors.

Item 8 : Any other business

The Chairman informed about his participation in the 6th World Water Forum held in Marseille, France in March 2012.

He also informed that as Vice President of ICID, he met '*All Party Parliament Group'* of United Kingdom and made presentation on '*Water and Food Security*', which was well received.

APPENDIX XXV [PCTA Item 3.1.2]

Minutes of the Nineteenth Meeting of the
ICID JOURNAL EDITORIAL BOARD (EB-JOUR)
25 June 2012; 11:00-12:30 hours and 13:30-15:00 hours, Adelaide, Australia

Strategy Theme: Knowledge

Year of Establishment: 1994

Mandate:

- To ensure with the (Joint) Editor(s) that the Journal is published in accordance with editorial policies;
- To select and recommend to IEC, through PCTA, the appointment of (Joint) Editor(s), Associate Editors and Members;
- To review and update editorial policies when required, to conform with the developing ICID objectives;
- To address and resolve issues pertaining to the Journal;
- To review guidelines for authors, manuscript reviewers and book reviewers and liaise and coordinate with ICID workbodies.

Members Present: (1) PH Prof. dr. Bart Schultz, Chairman (The Netherlands, 2002); (2) Vice President Hon. Larry Stephens (USA) representing Dr. Bryan Thoreson, Associate Editor (USA, 2001); (3) Prof. Leon van Rensburg representing Prof. Machiel F. Viljoen, Associate Editor (South Africa, 2009); (4) Mr. Bernard Vincent, Associated Editor (France, 2010); (5) Vice President Hon. Larry D. Stephens representing Prof. Dr. Kristoph-Dietrich Kinzli, Associate Editor (USA, 2010); (6) Dr. Yohei Sato representing Dr. Takao Masumoto (Japan, 2011); (7) Vice President Hon. Larry D. Stephens (USA, 2001); (8) Dr. Yohei Sato (Japan, 2009); (9) Prof. Dr. Mohd. Amin bin Mohd. Soom (Malaysia, 2009); (10) Prof. Dr.-Ing. Klaus Röttcher (Germany, 2011); and (11) Dr. Vijay K. Labhsetwar (Director, ICID, 2006).

Observers: (1) Ms. Kazumi Morinaga (Japan); (2) Dr. Yingduo Yu (China); (3) Dr. T.K. Biswas (Australia); and (4) Prof. Dr. Jin-Yong Choi (Korea); (5) Prof. Leon Van Rensburg (South Africa); and (6) Prof. Dr. Li Jiusheng (China).

Website: <http://www.icid.org/wiley_journal.html>

Item 1 : Review of the membership of the Editorial Board

The following new nominations for the membership were received:

- Dr. Li Jiusheng (China)
- Mr. Atul Jain (India)

Dr. Li Jiusheng (China) attended the meeting and expressed his willingness to contribute to the work of the Editorial Board (EB). Therefore, his membership is recommended.

Mr. Atul Jain (India) neither attended the meeting nor was represented by an INCID member. Therefore, his nomination was deferred.

Prof. Nick van de Giesen (The Netherlands) has indicated his desire to step down as Joint Editor by the end of the year (2012) but would like to continue as Associate Editor. His proposal was accepted by the EB. In addition, Prof. Hector Malano has informed the Chairman that he would like to step down as Joint Editor at the occasion of the next meeting of EB-JOUR. It becomes, therefore, required to timely take care for a succession of the Joint Editors. Appreciation was expressed for their work as Joint Editors. There was a discussion that the Associate

Editors Prof. Dr. Kristoph-Dietrich Kinzli P.E.(USA) and Dr. Marcel Kuper (France) could be willing to become the Joint Editors. The Chairman will contact them to explore this possibility.

The Chinese and Indian National Committees have informed that Prof. Jinzhong Yang (China) and Mr. C.M. Pandit (India) will step down from EB-JOUR. These proposals were accepted by the EB. The meeting expressed its appreciation for their contributions to the work of the EB.

During the meeting the information was received that Dr. Tapas Biswas (Australia) would be willing to contribute to the work of the EB. After the meeting this has been discussed with the Australian National Committee and a formal nomination is expected to be made. This will be welcomed and approval can be formalised in the next meeting of EB-JOUR.

Item 2 : Reports (from Editor, Chairman etc.)

The report of the Chairman for 2011 was disseminated to the members before the meeting. Various points emerging from the report were presented and discussed during the meeting. The main points were:

(a) Some characteristic data of 2011:

(i) 5 issues 144 pages each, 263 authors, 36 countries/committees;

(ii) 1 sponsored Special Issue: *Deltas in Europe - Integrated water management for multiple land use in flat coastal areas;*

(iii) 2477 downloads of pdf per month, abstracts 7031;

(iv) Journal accessible in 4037 libraries and institutions;

(v) Best paper*: 'Airborne remote sensing for detection of irrigation canal leakage' by Yanbo Huang, Guy Fipps, Stephan Maas and Reginald Fletcher. Issue 59.5;*

(vi) Most cited paper: '*Efficient irrigation; inefficient communication; Flawed recommendations' by Chris Perry. Issue 56.4*

(b) Some characteristic data of 2012:

(i) 181 institutions in developing countries have access to IRD at low or no cost;

(ii) improved software for review process;

(iii) 5 regular issues of 144 pages each;

(iv) one sponsored special issue published: *Groundwater governance: Learning from local experiences*

(v) special issues under preparation: *Water Harvesting, Sustainable Development of Tidal Areas, Teheran Congress, Italy-USA research cooperation.*

(c) 2013 and beyond:

(i) for 2013 the ICID individual Member Subscription fee will be US$ 45 for online only and US$ 53 for online + print. These are the same amounts as for 2012;

(ii) after several rounds of consultation, M/s Wiley prepared a draft for a new Agreement for publishing of IRD. It is based on:

- Agreement period 2014 – 2018;
- National Committees to receive 5 copies as online only and 5 copies as online + print. This is a change compared to the present Agreement where all the 10 copies can be online + print. The change reflects the on-going trend in the publishing world;
- online access for work body members and office bearers;
- possibility for open access to individual papers at the cost of the author;
- National Committees remain entitled to purchase extra copies, both online-only and online only+ print.

2.1 Special Issues

In 2011, there has been one sponsored Special Issue on *Deltas in Europe - Integrated water management for multiple land use in flat coastal areas.* The Special Issue was mailed in December 2011 together with the regular Issue 60.5. The sponsor was Rijkswaterstaat.

This year (2012) one sponsored Special Issue on *Groundwater governance: Learning from local experiences* has already been published and was mailed together with the regular Issue 61.2. The Special Issue was based on 13 selected and reviewed papers that were submitted to the 24th European Regional Conference in Orleans, France together with an editorial; the guest editors were Dr. Sami Bouarfa and Mr. Marcel Kuper. The sponsor was AFEID.

Two other sponsored Special Issues are in advanced stage of preparation and will most probably be published in 2012. They are:

- *Water Harvesting:* The issue will be based 13 papers with research results and an editorial. The guest editor will be Leon van Rensburg. The sponsor will be the Water Research Commission in South Africa. A presentation on the set-up and content of this Special Issue was given by Prof. Leon van Rensburg, the guest editor;
- *Sustainable development of Tidal Areas:* This sponsored Special Issue will be based on 12 papers that have been prepared by members of the Working Group on Sustainable Development of Tidal Areas and an editorial.

In addition there will be a Special Issue in the regular series, based on selected papers of the ICID congress in Tehran (2011).

A new sponsored Special Issue is under preparation. The title will be: '*Soil, water and vegetation monitoring and modelling'*. The papers are based on a workshop of Princeton University, National Research Council in Italy (CNR) and Florida International University. The Contact person is Prof Lucio Ubertini (Italy).

2.2 French resumés

Mr. Bernard Vincent (France) has been preparing all the French résumés of the papers before publication.

2.3 Recognition to the reviewers

The reviewers of 2011 have been recognized in the first issue of 2012.

2.4 Best Paper Award 2012

In 2011, 82 papers were published. Out of these the best paper has been selected by the Chairman, the Joint Editors and the Associated Editors. The Best Paper Award is a citation plaque along with a cash prize of either £ 250, or £ 400 – in the form of Gift Books (Wiley Publications), and the awardees will have an option to choose. The winner of the '*Best Paper Award 2012'* has been selected and will be announced during the IEC meeting on Thursday 28 June 2012.

The Best Paper Award 2012 has since been awarded to Messrs Zahra Paydar, Freeman Cook, Emmanuel Xevi, and Keith Bristow from Australia to the paper titled "An Overview of Irrigation Mosaics" published in Volume 60, No. 4.

Item 3 : Distribution of the Journal among the ICID membership

Under the third Agreement with M/s Wiley-Blackwell for the period 2009-2013, each National Committee receives ten copies - online + print, or online only - of each issue of *Irrigation and Drainage* free of charge. In addition, one online access of each issue for each individual who is an incumbent, or active honoraire office bearer, or an active member of an ICID work body will be provided. In addition each individual member of a National ICID Committee is entitled to receive an online only, or an online + print subscription at the special discounted ICID member subscription fee. The hard copies are sent by M/s Wiley directly to the National Committee Secretariats.

The Central Office compilation (2012) covering all categories show that there are 287 online (only) subscriptions, 261 subscriptions as online + print and 285 as print only subscriptions (Total = 833).

Item 4 : Issues related to M/s Wiley-Blackwell

4.1 Improved information on Manuscript Central

Since the beginning of January this year the Manuscript Central System has been significantly updated, especially focusing on:

- automatic warning to Joint editors when a new or revised paper has been received;
- fully automatic handling of papers and reviews in the system;
- automatic reminders to invited reviewers when no answer is being received within a certain period;
- more facilities based on further discussion between the chairman and the joint editors.

The experiences with the new software were discussed during the meeting. Some problems have been encountered and are being solved.

4.2 Open Access Publication

The possibility of open access publication might become reality when the present Agreement with Wiley-Blackwell expires by the end of 2013. This implies in fact that a major decision would have to be taken at the occasion of Adelaide meetings or shortly thereafter, while the stock of papers ready for publication is about for one year at the moment.

Following the discussions held on the advantages and disadvantages of open access to papers during the meetings in Yogyakarta (2010) and Tehran (2011), the chairman discussed the matter in detail with M/s Wiley during the meeting of 1 December 2011 and the chairman and Joint Editor Hector Malano during the meeting of 30 March 2012. In the meeting of 1 December 2011 it became clear that the cost to authors for Open Access publishing would be in the order of magnitude of US$ 2000 – 3000 per paper.

It is quite questionable if such costs are affordable by our authors. On the other hand, it turned out that there is the option of *'hybrid'* publishing. This implies that we would continue with the present way of publishing, but that authors who would wish so have the option to pay the amount mentioned above may do so to enable open access to their paper. In addition, since 1 January 2012 local, not-for-profit institutions in the countries that fulfill the criteria may register for access to *Irrigation and Drainage* within the Research4Life programme under AGORA and OARE. This implies that they are entitled to have a free online access to *Irrigation and Drainage*. Details on the conditions and registration are described on the web sites: AGORA: agora@fao.org and/or OARE: oare@oaresciences.org. The National Committee Secretariats have been requested to disseminate this information within their country in order to get a wider dissemination of our Journal.

On this basis the chairman had invited M/s Wiley to prepare a draft proposal for discussion in the meeting of 30 March 2012. After this discussion and revision of the proposal, the chairman has forwarded the draft proposal to MT-JOUR and EB-JOUR for discussion. The proposal has also been discussed in the ICID Management Board meeting of June 25 in Adelaide, Australia.

4.3 Follow-up of Agreement with M/s. Wiley-Blackwell after expiry of this present Agreement by the end of 2013

Based on the outcome of the discussions in the different meetings (see item 4.2) it may be expected that M/s Wiley will be invited to submit a formal proposal to the Secretary-General ICID.

Item 5 : Any other business

The meeting ended with thanks to the chair.

APPENDIX XXVI [PCTA Item 3.3.1]

Minutes of the Sixth Meeting of the
WORKING GROUP ON MODERNIZATION OF IRRIGATION SERVICES (WG-MIS)
25 June 2012: Time: 15.30-17.30 hours, Adelaide, Australia

Strategy Theme: Systems

Year of Establishment: 2007 **Completion of the Mandate: 2012**

Mandate: To provide a continuing focus in ICID for sustainable improvement of irrigation service delivery through progressive modernization of infrastructure, management and institution.

Members Present: (1) Dr. Maurits Ertsen, Chairman (Netherlands); (2) Mr. François Brelle, Vice Chairman (France); (3) Mr. Lee, Tsong-Hwei (Chinese Taipei) represented by Dr. Ming-Young Jan; (4) Mr. Sezar Ercan (Turkey) represented by Remziye Yildiz Gulagaci; (5) Dr. Ashwani Kumar (India) represented by Mr. R.K. Gupta; (6) Dr. Masayoshi Sato (Japan); (7) Mr. Andre Roux (South Africa) represented by VP Dr. Gerhard Backeberg; (8) Mr. Mehrzad Ehsani (Iran); (9) Mr. Mohammud Yazd bin Abdullah (Malaysia) represented by Azaman bin Md. Ali.

Permanent Observer: Mr. Thierry Facon (FAO)

Members Hon.: Mr. Franklin Dimick, Vice President Hon., ICID (USA); Dr. Willem Vlotman, Vice President, ICID (Australia)

Observers: (i) Mr. Ruey-Chy Kao (Chinese Taipei);(ii) Dr. Yingduo Yu (China); (iii) Dr. Sanjay Belsare (India); (iv) Mr. Hassan Shantia (Iran); (v) John Grant (Australia); (vi) Ms. Pooja Kapoor (India); (vii) Ms. Aysen Pervin Gungor (Turkey); (viii) Mr. Ying-Chien Lo (Chinese Taipei); (ix) Mr. Yun-Chung Lee (Chinese Taipei); (x) Ms. Mei-Chang Chen (Chinese Taipei); (xi) Ron Leamon (Australia); (xii) Mr. Uttam Raj Timilsina (Nepal); (xiii) Mr. Syed Mansoob AliZaidi (Pakistan); (xiv) Dr. Shukhrat Mukhamedjanov (Uzbekistan); (xv) Mr. Ardavan Azari (Iran); (xvi) Mr. Mostafa Razzaghmanesh (Australia); (xvii) Moslem Sarvestani (Iran); (xviii) Mr. Nick Gillingham (Australia).

Item 1 : Membership of the Group

Existing membership, the new nominations nor the attendance at the last two meetings were discussed, since the extended mandate (6 years) of the WG has expired in Adelaide. The three newly nominated members were present in the Adelaide meeting and participated actively (Ms. Remziye Yildiz Gülağaci (Turkey), Mr. R.K. Gupta (India) and Mr. Uttam Raj Timilisina (Nepal)). The recommendation is that they will be accepted as members of the successor of the MIS working group.

Item 2 : Website of the Group

As no material had been received, and the group mandate has ended, there was no action to be taken. As the presentations under item 4 were cancelled, members were requested to send the slides to ICID Central Office for placing on the website.

Item 3 : Work Plan of the Group towards closure

3.1 Session on irrigation modernization at Adelaide

Thanks to the Australian colleagues, a very interesting prominent session on modernization of irrigation services and systems has been made possible. This means that the MIS will not have a separate workshop in Adelaide. All MIS members were encouraged to participate in the modernization sessions and discussions at the conference.

3.2 Proposing mandate and tenure of the new working group

The chairman informed the meeting about progress on the final product of the working group. As no financial support could be secured so far, and the extent of easily available documents to be included in any final product is relatively low, it was decided not to pursue a formal final document for the working group anymore. Securing future attention to MIS issues was seen as more important by the WG.

The Iranian WG member Mr. Ehsani presented the ideas behind and the draft outline of the book project on "Construction of Irrigation Canals". The book would discuss how, based on the existing long experience of irrigation system management and operation of current systems, newly designed canal systems could be designed and constructed differently to secure proper management and operation from the start. This proposal was discussed. The importance of a topic like construction and design was seen as important by many members and observers. Even though several members pointed to already existing documentation – but was generally seen as a less prominent future key topic for a WG focusing on delivering water services. Furthermore, the practicalities of writing a book within a WG setting may become a too challenging issue. It was suggested that a Task Force with the task to provide better insight in issues of design and construction, including structural rehabilitation, may be a good way forward.

The general feeling of the members was that a key topic for a new WG would be how to ensure that current irrigation systems management will keep delivering proper services to users or can be improved to deliver the necessary services.

Several topics for detailing this general notion were discussed. Issues like water measurement, organization of water managers and users, and service delivery were mentioned. The need to compare the situations in each member country in terms of modernization issues (whether it was construction, operation, management, transitions, etc.) was mentioned. Multiple use within and of irrigation systems was presented as a topic by vice-chairman Mr. Brelle, especially as most irrigation systems worldwide face water scarcity issues with a growing need to share available water with other uses, including ecosystems.

The option to propose two working groups – one on design and construction/rehabilitation of systems, and one on delivering water services – was discussed. Although this was seen as a practical option to secure attention for both topics, the meeting was in favor of an arrangement in which potentially combined and integrated attention to these issues was secured within a WG mandate, even though the importance of construction/rehabilitation as such was discussed as well.

Item 4 : Internal Workshop of the WG

Because of the time used for the important discussions under item 3, the presentations of Mr. Perret and Mr. Ehsani were cancelled.

Item 5 : Any other business

The chairman thanked all those present at the meeting. Furthermore, he stressed what a privilege it has been to chair one of the key groups of the ICID family. The meeting ended at 17.25 hours.

APPENDIX XXVII [PCTA Item 3.7.2]

Minutes of the Seventeenth Meeting of the
WORKING GROUP ON USE OF POOR QUALITY WATER FOR IRRIGATION (WG-PQW)
25 June 2012: 15.30-17.30 hours, Adelaide, Australia

Strategy Theme: On-Farm

Year of Establishment: 1995 **Completion of the Mandate: 2013**

Mandate: To promote a safe and good management of poor quality water for irrigation, to minimize the negative impact on human health and the environment, to promote the multiple use of poor quality water, and to give consideration to the institutional and legislation aspects with regard to the use of poor quality waters.

Members present: (1) Vice President Dr. Ragab Ragab (UK); (2) Dr. Anna Tedeschi, Secretary (Italy); (3) Dr. Takanori Nagano (Japan); (4) Dr. Bernard Vincent (France).

Observers: (i) Mohammad Kardani (Australia); (ii) Ashley Partridge (Australia); (iii) Prof. Leon Van Rensburg (South Africa); (iv) Ms. Kazumi Morinaga (Japan); (v) Dr. Ranvir Singh (New Zealand); (vi) Mr. Francois Chretien (Canada); (vii) Mehmet Sait Tahmiscioglu (Turkey); (viii) Dr. Cataldo Pulvento (Italy); (ix) Dr. Tapas Biswas (Australia); (x) Mr. Gurhan Demir (Turkey); (xi) Mr. Fuqiang Tian (China); (xii) Mr. Osmo Purhonen (Finland); (xiii) Mr. Olli-Matti Verta (Finland); (xiv) Mr. Jaakko Sierla (Finland); (xv) Mr. Kunlun Ding (China); (xvi) Mr. Ching-Tien Chen (Chinese Taipei); (xvii) Mehmet Sait Tahmiscioglu (Turkey); (xviii) Mr. Gurhan Demir (Turkey); (xix) Noel Baines (Australia).

Website <http://wg-pqw.icidonline.org/>

Item 1 : Review of the membership of the Working Group

The Chair Dr. Samia El-Guindy (Egypt) informed the Central Office that she was not able to attend the Adelaide meeting. She contributed to the WG with the document “Capacity building strategy focus areas for North Africa”.

The following nominations were received for the membership of the group:

- Ms. Nur Kuru (Turkey)
- Dr. Ding Kunlun in place of Prof. Yang Jinzhong/ President Prof. Gao Zhanyi (China)
- Mr. Zafar Iqbal Raza in place of Dr. Ramzan Choudhry (Pakistan)
- Dr. Tapas Kumar Biswas (Australia).

Dr. Ding Kunlun and Dr. Tapas Biswas attended the meeting and introduced themselves. The WG accepted their nomination for the membership. Mr. Zafar Iqbal Raza from Pakistan was deferred due to his non-attendance/ participation at the Adelaide meeting. Regarding the nomination of Dr. Nur, the Chairman after hearing a brief presentation by the representative of the Turkish National Committee, the nomination of Dr. Nur was accepted subject to the final decision of the PCTA. Dr Nur membership was confirmed by PCTA as exceptional case and as a gesture towards the host country for the first World Irrigation Forum..

From the attendance sheet it was observed that following members have neither attended the last 2 consecutive meetings nor contributed/communicated with the Chair/Central Office:

- Dr. Jan Salek (Czech Rep.)

- Mr. Jose Manuel Arangao Maldonado (Mexico)
- Dr. Wen-Lin Chang (Chinese Taipei)
- Dr. Ramzan Choudhry (Pakistan)
- Mr. Martin Roche (USA)
- Ms. Esther O. Ogunniyi (Nigeria)
- Dr. Jorge Tarchitzky (Israel)

As per the ICID By-law 3.1.7, the WG recommended that the Central Office should contact the respective national committees for their replacement/ fresh nomination.

Item 2 : Work Plan of the Group

The present tenure of the WG is up to 2013. The WG suggested extending the tenure until 2016 (approved by PTCA). During Tehran meeting, it was agreed to introduce the following new topics to WG activities:

a. Pesticides use and its impact on the environment
b. Use of waste water for irrigation
c. Impact of seawater rise and salt water intrusion on soil and vegetation

The group agreed to continue to deal on the above topics.

The WG decided on the publications of the outputs as Technical Notes on the three topics identified above, the contribution will come from:

- Dr. Takanori Nagano (Japan) on “Impact of tsunami on the environment”;
- Dr. Tapas Biswas (Australia) on “The use of poor quality water and the new biofuel crops”;
- Dr. Bernard Vincent (France) on “Mitigation of subsurface drainage pesticide pollution by use of off pipe constructed wetlands”.
- Dr. Leon Van Rensburg (South Africa) on “Irrigation by using poor quality water”; and
- Dr. Anna Tedeschi (Italy) on “Impact of irrigation by saline water on soil and crop production”

The WG proposed to prepare a first Draft of the Technical Note in 9 months which could be further discussed and refined through e-mails.

Item 3 : Presentations by members

The following two presentations were made at the meeting:

- Problems of the use of saline water in NW China: a case study – by Dr. Anna Tedeschi (Italy)
- Impact of tsunami on the environment – by Dr. Takanori Nagano (Japan)

Both presentations were very interesting and generated good discussion. The presentations will be uploaded on the group’s website. The WG proposed to make the following two presentations during the next meeting of the group in Turkey:

- Reuse of saline drain water for irrigation – by Dr. Leon van Rensburg (South Africa)
- Poor quality water and degraded land for biofuel crops- by Dr. Tapas Biswas (Australia)

Item 4 : International Workshop on Irrigation with Poor Quality water and Environmental Flows, Adelaide, June 25, 2012

This workshop was jointly organized with the WG on Environment. It was successfully conducted and 12 oral presentations were delivered followed by lively general discussions.

Item 5 : Website of the working group

Chairman Dr. Ragab informed the members that the WG website <http://wg-pqw.icidonline.org/> is functional. The Chairman requested all members to provide the relevant information viz. technical papers, draft reports, links to website/ documents etc. and any additional studies or researches for posting on the website.

Item 6 : Outcome of the session on "Using non-conventional water of lower quality for agriculture and aquaculture" at 6th World Water Forum, Marseille

The Chairman Dr, Ragab summarized the key outcome of the Target 2.4 - Using non-conventional water for agriculture and aquaculture of the Theme 2.2 "Contribute to Food Security by Optimal Use of Water" of the '6th World Water Forum, held at Marseille in March 2012. Dr. Samia El-Guindy and Dr. Ragab Ragab had participated in the discussion.

- Use of non-conventional water is more accepted and widely used in many countries.
- Agreement that the FAO salinity guidelines for irrigation water quality should be updated to reflect more recent research.
- New WHO guidelines on treated wastewater use should be adopted and disseminated more widely as older guidelines may be unnecessarily restrictive.
- Public perceptions in dealing with wastewater use are very important, but these can be altered to a certain extent by the use of language, for example, using the term "recycled water" rather than "treated waste water". `By using the term recycled water implies that it is acceptable and safe for human use.
- There is a need for the promotion of the concept that treated wastewater is a desirable and valuable resource as it contains nutrients and other inputs for crop production that would otherwise have to be purchased from market.
- Furthermore, the environmental benefits of using treated wastewater for agriculture are advantageous because otherwise wastewater would become an environmental contaminant.

Item 7 : Cooperation with International Organizations

7.1 Collaboration with UNW-DPC in organizing Regional Workshop for Asia on Safe Use of Wastewater in Agriculture

The Chairman Dr. Ragab summarized the outcome of the collaboration with UNW-DPC as follows:

> Under this project, five regional workshops will be held with a goal to formulate a capacity development action plan and to disseminate training materials and learning methods at the country level. ICID and others have joined forces to promote the safe use of wastewater in agriculture in developing countries and countries in transition. The UNW-DPC had requested ICID to organize the 2nd Regional Workshop in the series for South and West Asia in India. Accordingly a workshop was hosted and organized by ICID on 16-18 May 2012 at New Delhi. Details of the workshop were published in ICID News 2012/2 issue or can be viewed at www.icid.org.

During these regional workshops participants were requested to provide information on the status and situation of wastewater use in their country, along with additional information on their specific capacity needs, the identification of national key players, and possible leaders of wastewater use initiatives. Country draft reports/ case studies are made available through the UNW-AIS website.

7.2 International Workshop on "Use of Treated Wastewater, Gray water and Rainwater" by AUNCID

The Chairman Dr. Ragab summarized the outcome of the workshop organized by Austrian National Committee on Irrigation and Drainage (AUNCID) jointly with ISO on "Use of Treated Wastewater, Gray water and Rainwater" on 11 May 2011 in Vienna. Besides presenting the progress of both ISO TC 253 and the European Standard Organisation CENT C 165 WG 50 on systems for their on-site use, the workshop gave insight into the state of the art in several countries and into issues that are of interest for the situation in Europe. For more information, please contact Dipl.-Ing. Dr. Peter Cepuder (peter.cepuder@boku.ac.at), Secretary AUNCID.

Item 8 : Any other business

Dr. Ragab informed that he was invited by APPG - "All Parties Parliamentary Group" House of Lords (HL) by the Chairman Lord Cameron of Dellington to talk at the UK Parliament about "Water Security and Food Security". Dr. Ragab responded to the inquiries of House of Lords, about the WFD gaps. His responses are published as a report by HL, referred as ICID response. Dr. Ragab as VP was invited to give a presentation during the "Green Week" event at Bruxelles, on efficient use of water resources in agricultural- 'more crop per drop- every drop counts'.

APPENDIX XXVIII [PCTA Item 3.3.4]

Minutes of the Fourth Meeting of the
WORKING GROUP ON ROLE OF IRRIGATION IN POVERTY ALLEVIATION AND LIVELIHOODS (WG-POVERTY)
25 June 2012: 15.30-17.30 hours, Adelaide, Australia

Strategy Theme: Systems

Year of Establishment: 2008 **Completion of the Mandate: 2013**

Mandate:

- Synthesize specific knowledge and experience from the irrigation sector, to design pro-poor actions in a wider understanding of irrigation along the whole rainfed-irrigated continuum (aka agriculture water management).
- Look for technical solutions that work within a clearly defined socio-economic context, so that they can be mobilized in a case specific approach.
- Emphasize multiple-use (MUS) of irrigation systems as a specific approach to alleviate poverty in this context
- Increasing opportunities for greater and more open participation by the poor, in the development of systems and in the value chain,
- Building accountability mechanisms that give longer term support and commitment to poverty alleviation initiatives,
- Guidelines supported by case studies on how to enhance the poverty alleviation and livelihood improvement impacts of new and existing projects, and
- The effect of urbanization on smallholders in peri-urban areas and drawing population from rural to urban areas.

Members Present: (1) President Hon. Peter S. Lee, Chairman (UK); (2) Mr. R.C. Jha, Vice Chairman (India); (3) Ms. Mary Jean Gabriel, Secretary (South Africa); (4) Prof. Linden Vincent (The Netherlands); (5) Dr. Yohei Sato (Japan); (6) Mr. Laurie Tollefson (Canada).

Members Hon.: Mr. Larry Stephens, Vice President Hon., ICID (USA); Dr. Laszlo Hayde, Vice President, ICID (Hungary); Prof. Tai Cheol Kim, Vice President, ICID (Republic of Korea)

Observers: (i) Prof. Yu-Chuan Chang (Chinese Taipei); (ii) Mr. Kotaro Mizoguchi (Japan); (iii) Mr. Park Sanghyun (Republic of Korea); (iv) Dr. Seok Woo Lee (Republic of Korea); (v) Mr. Hai Chang Chung (Republic of Korea); (vi) Ms. Pei-Chun Ni (Chinese Taipei); (vii) Ms. Tzu-Pin Chen (Chinese Taipei); (viii) Ms. Laura Schroeder J.D. (USA); (ix) Dr. Jiusheng Li (China); (x) Dr. Andrew Sanewe (South Africa); (xi) Mr. Ching-Tien Chen (Chinese Taipei); (xii) Mr. Uttam Raj Timilsina (Nepal); (xiii) Dr. Yacob Beletse (South Africa).

Apologies: Dr. Enayat Farhani, VP Dr. Adama Sangare, Mr. Moussa Amadou

Website: <http://wg-poverty.icidonline.org/>

Item 1 : To review membership of the Working Group

Dr. Laura Schroeder (USA) and Dr Yu-Chuan, Chang (Chinese Taipei) were present and accepted for the membership.. Since Mr. Niwash Chandra Shrestha nominated by Nepal National Committee (NENCID) was not present his nomination was deferred.

Dr. Schroeder introduced herself as a water lawyer specialising in Irrigation (in Idaho and Washington State). Dr. Yu-Chuan has long experience of working with farmers in Chinese Taipei.

Item 2 : To develop a position paper on 'Role of irrigation in poverty alleviation'

The Chairman recalled that at the last meeting in 2010 held in Indonesia, the following papers were presented during the internal workshop;

1. Role of Irrigation Development in Poverty Alleviation in India by R C Jha, India presented by Dr. Kulkarni
2. Definitions of Poverty by Prof Linden Vincent, University of Wageningen, Netherlands
3. Multiple Uses of Farm Storages by Andre Roux, South Africa
4. Employment Opportunities for the Landless Poor in Brazil by PH Peter Lee, UK
5. Improving Resilience for the Poor by Dr. Alan Vidal, CGIAR Challenge Program

At the joint meeting of the working group with the new WG-MDGs in 2011 in Iran, papers were presented on -

1. Ebenaezer Irrigation Scheme: Case Study, South Africa by M J Gabriel and A S Roux
2. The Role of Irrigation in Agriculture Development and Poverty Alleviation at Rural Community of Iran by Dr E Farhani

The Chairman also recalled that in 2010, the working group had proposed adding the following concern/issue to the mandate:

- The effect of urbanization on smallholders in peri-urban areas and drawing population from rural to urban areas.

This has now been added to the mandate during the meeting.

The Chairman noted that whilst virtually all government-funded irrigation had the aim of alleviating poverty, the poor had shown that they were capable of extracting more value by multiple use of the formal systems in ways that may not have been anticipated or even permitted; for example, using canal banks as routes to market, drawing water for gardens, livestock, brick making and domestic water use. This indicated that irrigation professionals could do more to listen to the needs of the poor and facilitate multiple use of systems for the benefit of not only farmers, but the landless poor as well.

The Vice-Chairman noted that irrigation systems had done much to improve the quality of life in the areas they served. More needs to be done to improve livelihoods by such systems.

Drawing on earlier discussions, the Chairman then presented a draft outline of the proposed ICID position paper on the Role of Irrigation in Poverty Alleviation and Enhancement of Livelihoods, dealing with:

1. Definitions of Poverty
2. Opportunities for the Poor through Irrigation (with examples)
3. Continuing Challenges for the Poor
4. Pro-poor Interventions (with examples)

The presentation and full version of the draft outline were available in the group's Dropbox (see **Annex**).

Comments were invited and received, emphasizing:

- Multiple use includes the exploitation for domestic purposes of the groundwater formed along a canal (India)
- The need to develop skills, particularly among women new to farm management (South Africa)

- Technologies such as more easily managed flood and gravity irrigation technologies (also South Africa)
- The poor as a group that once recognised, can have "voice and citizenship" to negotiate more attention to their needs (Netherlands)
- The potential need for new social systems, as well working with existing systems (Japan)
- Multiple use can include use of systems for other sectors (e.g. industry), not just by the poor, and thus multiple use in the context of alleviating poverty needs to be explained (Chinese Taipei)
- Conflict may arise over multiple use (South Africa), but since the volumes used by the poor are usually a fraction of the irrigation supply this is not so much of a problem as with multiple use of urban systems, yet research by Winrock had shown that the benefits were considerable (Chairman).

In order to prepare the paper, the Chairman will circulate the outline and the members of the working group are invited to submit a few lines of contribution to as many sections as possible. Dr Schroeder offered to collate information on the definitions of poverty and Dr Vincent would supply copies of previous work on the subject. Mr. Jha would provide examples of pro-poor interventions from India. Ms Gabriel will collate contributions from South Africa, including examples, and Dr. Sato and Mr. Tollefson will submit examples from their respective countries. The existing outline was already available in the Dropbox set up by Central Office and this could be used to share the document as it evolved.

In order to become an ICID position paper, the group had to first complete the draft and submit it through PCTA for circulation to National Committees for their comment. The aim was for submission of the draft position paper to PCTA to complete the mandate of the group next year.

Item 3 : Website of the Group

Noted

Item 4 : Any other business

There was no other business

Annex [Appendix XXVIII, Item 2]

ROLE OF IRRIGATION IN POVERTY ALLEVIATION AND ENHANCEMENT OF LIVELIHOODS

Proposed Position Paper Outline

1. Introduction
2. Definitions of Poverty
   - (a) Appreciating the Context
     - (i) Absolute vs Relative Poverty
     - (ii) Farmers and the Rural Poor in General
     - (iii) Relevance of Eco-systems
     - (iv) Rural-Urban Interactions
     - (v) National and Regional Context
   - (b) Understanding the Vulnerabilities
     - (i) Access to Water and Land
     - (ii) Climate and Climate Variability
     - (iii) Labour and Finance
     - (iv) Markets
     - (v) Competition for Resources
     - (vi) Living with the Seasons
3. Opportunities for the Poor through Irrigation (with examples)
   - (a) Broadening Access to Resources
     - (i) Multiple Use of Systems
     - (ii) Pro-poor Design of Irrigation
     - (iii) Integration with Other Rural Livelihoods
     - (iv) Exploiting the Gaps
   - (b) Improving Resilience
     - (i) Working with Eco-systems
     - (ii) Designing for Sustainability
   - (c) Increasing Livelihoods through Participation
     - (i) Farmer Operations
     - (ii) Farm and System Employment Opportunities
     - (iii) Value Chain Participation
     - (iv) Producer Cooperation and Out-growing

4. Continuing Challenges for the Poor

   (a) Eco-system Stress
   (b) Population Shifts and Education
   (c) Market Competition
   (d) Land Fragmentation
   (e) Intensive vs Extensive Systems
   (f) Unsympathetic Design and Operation of Systems
   (g) Climate Changes

5. Pro-poor Interventions (with examples)

   (a) Enabling “Voice and Citizenship” by the Poor
   (b) Bottom-up Design and Management
   (c) Broadening Investment
   (d) Increasing Resilience
   (e) Encouraging Serendipity

Conclusions

APPENDIX XXIX [PCTA Item 3.3.8]

Minutes of the Third Meeting of the
TASK FORCE ON SEDIMENTATION OF RESERVOIRS (TF-SEDIMENTATION)
26 June 2012: 11:00-12:30 hours, Adelaide, Australia

Strategy Theme: Basin

Year of Establishment: 2009 **Completion of the Mandate: Not indicated**

Terms of Reference: To look into the aspects of Sedimentation of Reservoirs and come up with recommendations for appropriate strategies.

Member Present: Mr. Syed Mansoob Ali Zaidi (Pakistan); Dr. S A Kulkarni, representing Secretary General, ICID

Observers: Mr. Nasiruddin Abdullah (Malaysia), Mr. Tchouadang Kadjonga (Chad), Ms Hsiao-Wen Wang (Chinese Taipei), Mr. Maurice Roos (USA), Ms Pei-Chun Ni (Chinese Taipei), Dr. Park, Sang Hyun (Korea), Prof. Jaekyoung Noh (Korea)

Item 1 : Review of membership of the Task Force

The TF Chairman Mr. Hazrat Umar, (Pakistan) could not attend this and the last two meetings, successively. He has requested to look for his replacement as he would not be attending the future meetings too. The Central Office has received the following new nominations for the membership;

- Mr. Jack H. Meldrum (United Kingdom)
- Dr. U.C. Kothyari (India)
- Dr. Pao-Shan Yu (Chinese Taipei)

However, these nominations could not be considered in absence of the Chairman.

Item 2 : To finalize mandate/ ToR and tenure of the Task Force

The present Terms of Reference (ToR) of the TF is too general and need to be specific in terms of ICID's requirements/ contribution to this topic.

Item 3 : Evolving work plan of the TF

Since its establishment in 2009, there has been no progress on activities of the TF due to non-attendance of the Chairman and several members during the last two meetings as well as this meeting. There was also absence of work plan and communication among members. In absence of the Chairman and members, there was no discussion on this item.

Item 4 : Any other business

In view of the above situation, it is proposed that the Task Force may be closed/ terminated. However, Mr. Maurice Roos (USA) suggested that ICID might organize a workshop on the topic of sedimentation at the next IEC meeting to be held in Turkey in 2013, where in case studies from various countries can be presented. Observers present at the meeting from Turkey, South Korea, Chad, USA, Chinese Taipei have shown interest in contributing papers from their countries. It was also suggested to get in touch with National Committees of China, India, Iran and Pakistan to get papers on this topic.

APPENDIX XXX [PCTA Item 3.5.6]

Minutes of the First Meeting of the
TASK FORCE ON VALUE ENGINEERING (TF-VE)
26 June 2012; 11:00-12:30 hours, Adelaide, Australia

Strategy Theme: Systems

Year of Establishment: 2012 **Completion of the Mandate: 2015**

Mandate: The objective of the Task Force (TF) would be to promote the application of Value Methodology (Value Engineering, Value Analysis, Value Planning, Value Management and Value Engineering Change Proposal (VECP)) in irrigation, drainage and flood management projects to increase benefits, reduce cost and ensure sustainable irrigated agriculture.

Terms of Reference (ToR)

(i) Develop a Website on application of Value Engineering in Irrigation and Drainage projects
(ii) Produce a Documentary on application of Value Engineering in Irrigation and Drainage projects
(iii) Organize workshops and seminars on application of Value Engineering in Irrigation and Drainage projects
(iv) Prepare a Manual on application of Value Engineering in Irrigation and Drainage projects

Members present: (1) Dr. Kamran Emami (Iran), Convener; and (2) Dr. Vijay K. Labhsetwar (Coordinator) ICID CO.

Observers : (i) Prof. Klaus Röttcher (Germany); (ii) Mr. Waseem Nazir (Pakistan) represented by Ir. S.M.A. Zaldu; (iii) Ir. Noel Baines (Australia); (iv) Mr. David Young (USA); (v) Ir. Nor Hisham Bin Mohd Ghazali (Malaysia); and (vi) Dr. Satishchandra Jadhao (Australia).

Item 1 : Background and concept of Value Engineering

The creation of the Task Force was approved at Tehran meetings (2011). The members may refer to **Annex** for the background and the concept of value engineering. A presentation on a brief history of VE and its philosophy was made by Dr. Emami (Iran) outlining potential application of VE in irrigation and drainage and flood control projects. After discussion, it was suggested to change the name of the TF to "Task force on Value Engineering for Cost Saving in Irrigation and flood Project" for more effective promotion of VE in ICID.

Item 2 : Membership of the Task Force

ICID Central Office invited nominations from the National Committees. The nominations received were:

- Mr. Waseem Nazir (Pakistan) and
- Mr. Suman Sijapati (Nepal)

The above nominations were deferred since both the nominees were not available during the meeting.

Ir. Nor Hisham Bin Mohd Ghazali from Malaysia was present as an observer and assisted the chairman as Secretary. Given his interest in the task force. Central Office may pursue the matter of membership with Ir Ghazali and MANCID.

Item 3 : Election / nomination of Chairperson and Secretary

It was decided to defer the election of Chairperson and Secretary to the next meeting of the TF when more members would be present. In the mean time, Dr. Emami and Mr. Ghazali would act as Convener and Secretary of the TF-VE, respectively.

Item 4 : To firm up Mandate and ToRs

The members discussed the draft mandate and ToRs. The mandate was approved but the sequence of ToRs changed as the result of the discussion.

Item 5 : Work Plan

It is envisaged that the above mandate could be completed in 3 years (2012-2015). The members may deliberate on work plan considering the ToRs. A three year rolling plan may be prepared and responsibilities allocated with time frame. While preparing the work plan, the members may keep in mind the concrete deliverables at the end of tenure of the TF.

Item 6 : Any other business (with permission Chair)

6.1 Correspondence with SAVE International

The Society of American Value Engineers (SAVE International) is a leading society in VE qualification and training. It was decided that the TF may initiate correspondence with SAVE International on mutual cooperation for promoting VE in Irrigation and drainage projects.

6.2 Workshop on VE application in Irrigation and flood projects

It was decided to organize a internal Workshop on VE application in Irrigation and flood projects during the next meeting of the TF at Mardin, Turkey in 2013.

Annex [Appendix XXX, Item 1]

BACKGROUND AND CONCEPT OF VALUE ENGINEERING

Background

At its 31st meeting of the Permanent Committee for Technical Activities (PCTA) held at Tehran (2011), recommended the creation of a new Task Force on 'Value Engineering', which was subsequently approved by the 62nd International Executive Council (IEC) meeting. Dr. Kamran Emami (Iran) offered to be the Convener of the new Task Force. It was proposed to organize the first meeting of the Task Force on 'Value Engineering' (TF-VE) during Adelaide meetings in Australia, where the background, mandate (draft), Terms of Reference (ToR), workplan, membership of the Task Force, nomination/election of Chairperson, Vice-Chair and Secretary , etc could be discussed.

Concept of Value Engineering

Value Engineering (VE) is an intensive, interdisciplinary problem solving activity that focuses on improving the value of the functions that are required to accomplish the goal or objective of any product, process, service, project or organization. In other words, the value methodology (VM), a systematic and structured approach, improves projects, products, and processes. VM is used to analyze manufacturing products and processes, design and construction projects, and business and administrative processes. VM helps achieve balance between required functions, performance, quality, safety, and scope with the cost and other resources necessary to accomplish those requirements. The proper balance results in the maximum value for the project.

Value = Function/Cost

Value is the reliable performance of functions to meet customer needs at the lowest overall cost.

Function is the natural or characteristic action performed by a product or service.

Cost is the expenditure necessary to produce a project, service, process, or structure.

The systematic and structural approach comes from the VM job plan. SAVE International's standard job plan consists of six phases:

1. Information Phase: Gather information to better understand the project.
2. Function Analysis Phase: Analyze the project to understand and clarify the required functions.
3. Creative Phase: Generate ideas on all the possible ways to accomplish the required functions.
4. Evaluation Phase: Synthesize ideas and concepts to select feasible ideas for development into specific value improvement.
5. Development Phase: Select and prepare the "best" alternative(s) for improving value.
6. Presentation Phase: Present the value recommendation to the project stakeholders.

The VM process produces the best results when applied by a multi-disciplinary team with experience and expertise relative to the type of project to be studied. A Certified Value Specialist usually leads the VM team to ensure proper application of the methodology.

VM has been very effective in transportation, building, Projects (i.e. the rate of return of 4700 VM studies in Transportation projects in the U.S. was 156 to 1). In this context, it is envisioned that VM would be an effective and efficient tool for identifying and removing unnecessary cost in Irrigation and Drainage Projects and ensuring sustainable irrigated agriculture**.**

The main function of TF-VE would be promoting the application of Value Engineering in irrigation and drainage projects to ensure Sustainable Irrigated Agriculture which is the main mission of ICID. This could be accomplished by removing unnecessary costs and enhancing the functions and Quality factors of these projects. Please access more information on Value Engineering on the following websites:

- SAVE International (Society of American Value Engineers)**: <http://www.value-eng.org/>;**
- Society of Japanese Value Engineering **<http://www.sjve.org/en/> http://www.sjve.org/en/links/**

APPENDIX XXXI [PCTA Item 3.3.5]

Minutes of the Second Meeting of the
WORKING GROUP ON MILLENNIUM DEVELOPMENT GOALS (WG-MDGs)
26 June 2012; 13.30-15.00 hours, Adelaide, Australia

Strategy Theme: Systems

Year of Establishment: 2011 **Completion of the Mandate: 2017**

Mandate: (i) Promote the production of rigorous [or credible] evidence of the impact of agricultural water management investments on the MDG1 goal of reducing, poverty and malnutrition, and other MDG-related social development outcomes (e.g. health and education). (ii) Promote the identification of cost effective means of ensuring the maximum and equitable realization of the benefits from agricultural water management investments.

The scheduled meeting could not be held due to non-availability of members.

APPENDIX XXXII [PCTA Item 3.3.7]

Minutes of the Third Meeting of the
TASK FORCE ON WATER FOR BIO-ENERGY AND FOOD (TF- BIO-ENERGY)
26 June 2012; 13:30-15:00 hours, Adelaide, Australia

Strategy Theme: Basin

Year of Establishment: 2009 **Completion of the Mandate: 2013**

Terms of Reference: Evolve "ICID's position on Water for Bio-Energy and Food"

Members Present: (1) Mr. Laurie Tollefson, Chairman (Canada, 2010); (2) Mr. Sanjay Belsare (India, 2010); and (3) Dr. Vijay K. Labhsetwar, Director, ICID

Observers: (1) Mr. Ramchandra Jha (India); (2) Mr. Yogesh Paithankar (India); (3) Dr. Tapas Biswas (Australia); (4) Ms Mary-Jean Gabriel (South Africa); (5) Mr. Jaakko Sierla (Finland); (6) Mr. Clarke Ballard (Australia); (7) Mr. Francois Chretien (Canada); (8) Dr. Tian Fuqiang (China); (9) Mr. Uttam Raj Timilsina (Nepal); (10) Dr. Shukhrat Mukhamedjanov (Uzbekistan)

Item 1 : Review of membership of the Task Force

The membership includes Mr. Laurie Tollefson, Chairman (Canada), Ing. Helvecio Mattana Saturnino (Brazil) and Mr. Sanjay Belsare (India). In addition CVs of Mr. Uttam Raj Timilsina (Nepal) and Dr. Fuqiang Tian (China) were examined for potential new membership and were accepted as members of the Task Force. The CV of Mr. Simon Howarth (UK) was discussed by the Task Force, but his membership could not be considered since he was not available.

Item 2 : Presentation by country representatives

Four excellent country presentations were made on experiences in biofuel in Nepal, South Africa and Canada as below:

Sl. No.	Names	Country	Title of the Submission
1	Mr. Bashu Dev Lohanee	Nepal	Non-conventional method of irrigation for food security
2	Mr. Uttam Raj Timilsina	Nepal	The scope on production and usage of biofuels in Nepal
3	Mr. Amit Dutta*	India	Country policies and developments of water for bio-energy and food – India
4	Mr. André Roux	South Africa	Crop production and water use for biofuels in South Africa
5	Mr. Laurie Tollefson	Canada	Biofuel production in Canada and opportunities under irrigated cropping systems
*The paper from India was received but could not be presented as Mr. Dutta could not join Adelaide meetings.			

Item 3 : Develop a position paper on 'Water for Bio-Energy and Food'

The TF agreed that a structured position paper would be very useful as an output of this TF. The position paper may outline the country experiences. Chairman, Mr. Tollefson and Dr. Vijay Labhsetwar will develop a format for writing country papers and circulate to members and others for inviting their country experiences.

In addition, invitations will be sent to Iran, Brazil, USA, Australia, China and Great Britain to make their country presentations during the next meeting of the TF in Turkey in 2013. The intent would be to use these in developing the position paper.

Item 4 : Any other business

The TF may discuss the progress of its work on ToR and its tenure during the next meeting of the Task Force in Turkey in 2013