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Minutes

Sixty Fourth Meeting of
International Executive Council (IEC)
and
Pre-Council Meetings of Workbodies
1-5 October 2013, Mardin, Turkey

International Commission on Irrigation and Drainage (ICID)
New Delhi

December 2013

Minutes of the Sixty Fourth Meeting of
International Executive Council (IEC) of ICID

1st and 5th October 2013, Mardin, Turkey

Opening Plenary: 1 October 2013, 17.00-18.00 hours

Second Session: 5 October 2013, 09.00-12.30 hours

Third Session: 5 October 2013, 13.30-17.00 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 Commission 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
ITAC	International Technical Advisory Committee
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
WG-DROUGHT	Working Group on Water Management in Water Stressed Regions
WG-ENV	Working Group on Environment
WG-HIST	Working Group on History of Irrigation, Drainage and Flood Control
WG-IDSST	Working Group on Irrigation and Drainage in the States Under Socio-Economic Transformation
WG-MDGs	Working Group on Millennium Development Goals
WG-MIS	Working Group on Modernization of Irrigation Services
WG-ON-FARM	Working Group on On-Farm Irrigation Systems
WG-POVERTY	Working Group on Role of Irrigation in Poverty Alleviation and Livelihoods
WG-PQW	Working Group on Use of Poor Quality Water for Irrigation
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 64th Meeting of
International Executive Council (IEC) of ICID

Mardin, Turkey

Opening Plenary: 01 October 2013, 17.00 - 18.00 hours

Second Session: 05 October 2013, 09:00 - 12:30 hours

Third Session: 05 October 2013, 13:30 - 17:00 hours

IEC Minutes Item 1: Welcome and opening remarks by the President

1. President Dr. Gao Zhanyi welcomed the members and made his opening remarks (List of Participants are at **Annex 1**, page 49). The President requested the Council to pay homage to the past luminaries of ICID: PH Aly Shady of Canada, VPH Qishun Zhang of China and Secretary General Dr. Maria Elisa Venezian Scarascia of ITAL-CID, who passed away since the last meeting of IEC in Adelaide. Members of the Council paid homage by observing one minute silence at the start of the meeting.
2. At the initiative of President Gao Zhanyi, for the first time, the Plenary Session of the International Executive Council was organised. President explained the reasons for initiating Plenary IEC sessions before the start of the meetings of various workbodies. President proposed that from the next IEC, the two or three National Committees would be given the opportunity to present the works that are being undertaken by them.
3. The President expressed his satisfaction at the just concluded First World Irrigation Forum and recorded his appreciation for TUCID for organizing the first WIF. He congratulated VPH Prof. Victor Dukhovny, the first winner of World Irrigation and Drainage Prize 2013 and also appreciated the efforts of the Jury chaired by PH Lee for the Award.
4. President informed that through the visits he took to various International Conferences, meetings of the Board of Governors of WWC, visits to International Partners and discussions with National Committees, it is clear that there is a realization of the increasing role of ICID within the international water community. He highlighted the main achievements of the Commission during the last year since the Adelaide IEC meeting and expressed his satisfaction at the progress made during the last fifteen months. President called for a coherent approach towards the mission of ICID among its various stakeholders and drew attention of the members to certain issues that need special attention.
5. The Council endorsed the report of the President and took decisions on various issues highlighted therein under respective agenda items.

IEC Minutes Item 2: Report on the actions taken on the decisions of 63rd IEC and the decisions taken by the Management Board (MB) since the last IEC meeting

6. During the second session of IEC meeting held in the Forenoon of 5th October 2013, Secretary General, ICID presented the report on the actions taken on the decisions taken at the 63rd IEC meeting held in June 2012 in Adelaide, Australia. The Council was informed that actions have been completed as provided in the **Annex 2**, page 45) except on two items. The first one regarding setting up of a Marketing Committee for direct membership and the other on the development of a Project Document for the programme on "Intensification of Irrigation and Drainage Research to Achieve Global Food Security". The Council was also apprised of the decisions taken by the MB in its meetings since the last IEC and put up for IEC endorsement where required. The Council endorsed the decisions taken by the Management Board and the Secretary General, as reported, in accordance with Clause 3.7 of the By-law.

IEC Minutes Item 3: Report of the Secretary General

7. Secretary General Eng. Avinash Tyagi placed before the Council the Annual Report 2012-13 two copies of which had been sent to each National Committee Chairman and one copy each to all the Office Bearers on 24 August 2013. He then brought out briefly the financial progress along with the physical progress on activities undertaken during the period since April 2013 till date to the attention of the Council. Secretary General also reported on the cooperation and collaboration. He emphasised that with the support of the international organizations, the First Irrigation Forum has been held successfully despite a number of challenges not the least due to the false safety scare revolving around the Syrian conflict.

8. Secretary General informed the Council that the financial position of the Commission has improved over the last financial year as a consequence of improved flow of resources mainly coming from a better collection of members' subscription and enhanced rent from the office space. As a consequence, he informed the Council, certain additional provisions had been made in the proposed revised budget for 2013-14 onwards for items such as provision of partial scholarship to YPs for attending ICID Events, support for bringing out of WG publications, organizing workshops and trainings and improving services for members.

9. Secretary General introduced the Council to a number of new services introduced for the members and placed before the Council the pamphlet "New Services from ICID Central Office (www.icid.org/co_whatsnew.html). Secretary General informed the Council of the need for better Knowledge Management and therefore the decision to upgrade some of the existing services and introduction of new ones, such as: New ICID Website, Integrated Library Management System (ILMS), Text Delivery System (TDS), Digitization of library books, e-Publications, initiation of e-Learning and Virtual Communication tools.

10. Given the increasing popularity of e-books, Secretary General informed that to match the latest trend and attracts Young Professional, ICID has entered into e-Publication segment in collaboration with M/s De Books, New Delhi. All ICID special publications, published during 2000 to 2012 are now available in e-format through ICID website and informed the Council that upon the sale of e-publication, ICID will be receiving 15-20% royalty from the sales. Secretary General also introduced the key features of the new ICID web site that now includes material under the heading "themes" Irrigation, Drainage, Flood Management, Climate Change, Irrigation Systems, Drought Management etc., and collection of "resources", such as links to open source tools available in irrigation and drainage sector. Secretary General appealed to all the experts associated with various WGs to enrich the various topics under head "themes" and contribute framework under heading "resources". Secretary General also drew attention of the Council to the 'Members only section' for exclusive use by Office Bearers, National Committee members and work-body member.

11. Secretary General pointed out that during the year Central Office has been actively seeking members' views on the services being provided to them; seeking feedback on the efficacy of News Update and ICID News etc. Secretary General laid emphasis on better communication among the National Committees; among members; among experts, particularly from working groups; and between Central Office and the members. He therefore urged the members to make use of the new Communication Tools introduced, provide information on NC activities to be published in News Update and Annual Report in order to share them with other NCs, and share information on new publications produced by various NCs through ILMS. He also urged members to upload publications, films, logos, brochures and high resolution pictures of past ICID events organized by NCs, through ILMS, and invited them to regularly visit ICID website and provide their feedback on various services.

12. Secretary General briefly highlighted the important issues that are before the Council for its consideration such as Changes in Constitution and By-laws, review of the First World Irrigation Forum, reclassification of Strategic Themes, procedure for identifying Historical Irrigation Structures, setting up of a Task Team to establish a Trust Fund for WID Prize, and setting up a Task Team to review the procedure for adjudicating WatSave awards. He appealed to the experts participating in the various working groups to deliberate and to bring out their recommendations on these issues.

13. The Council endorsed the actions taken by the Secretary General as presented in his report.

IEC Minutes Item 4: Report by the Chairs of Permanent Committee

PCTA Minutes Item 4.1: Permanent Finance Committee (PFC)

14. Vice President Hon. Dr Saeed Nairizi, Chairman, PFC presented report of the 34th meeting of the PFC held on 3 October 2013 from 09:00 to 12:30 hours. The Council was informed that Dr James Ayars, Vice Chairman of the Committee is completing his six-year term and should be replaced as per ICID By-law 3.8.3. He pointed out that the Committee recommends the nomination of VP Laurie Tollefson from Canada as a member and vice-chair of PFC. VPH Dr Nairizi urged the members to nominate members to participate in the PFC.

15. The Chair of PFC recommended for acceptance of the six Direct Members, recommended by DMA sub-committee as direct members of ICID (**Annex R1.1**, page 15)*. IEC was informed that there have been requests from the individual members to make a provision of life membership in its subscription structure. He informed that PFC therefore, recommends that DMA sub-committee be asked to study the fee structure options making provisions in the rules of Direct Membership and present it at the next PFC.

* Annexes R1.1, R1.2, R1.3, R1.4, and R1.5 etc. are Annex to the Resolutions

16. The Chair recommended that Syrian National Committee be declared as "Associate Member" and the NCs of Afghanistan, Lithuania, and Niger, be treated as "Associate Members" with effect from 1 January 2014 if their dues are not cleared by 31 December 2013, as per By-law 13.2. PFC also recommended to IEC for applying By-law 13.1 to Fiji and Ukraine National Committees by debarring them from holding office – whether it be as Office Bearer or as member of a work-body until such time as the arrears are paid.

17. The Council noted that the NC of Greece had become Associate Member from 1st January 2013 and NCs of Malawi, Morocco, Sri Lanka, Zambia and Zimbabwe have become active National Committees by paying their outstanding dues of subscription, since last IEC in Adelaide. The Committee welcomed these NCs.

18. The Council was informed by the Chair that in accordance with the ICID By-law 5.8, the NCs of Korea, Russia, France and Thailand were invited to present the financial proposals for the events which have been accepted for hosting during the next three years. KCID was requested that extra efforts may be made to arrange for cheaper accommodation, particularly for YPs and some developing country participants. RuCID was requested to explore the possibilities of fully exempting a limited number of YPs from registration fee. PFC recommended IEC to approve the financial proposals of the host NCs: RuCID for 12th IDW in St. Petersburg in June 2014; KCID for 22nd Congress and 65th IEC in Gwangju in September 2014; AEFID for 66th IEC & 26th European Regional Conference in Montpellier in October 2015. The Committee appreciated the financial contributions made by Mali, Egyptian and Australian NCs towards the budget of ICID, during the financial year 2012-13.

19. The PFC recommended that the revised budget for 2012-13 approved by the Management Board in its Virtual Meeting of 15 February 2013 as given in **Annex R1.2**, page 16 be accepted and the expenditure as reported in **Annex R1.4**, page 20 may be approved.

20. The chair of PFC Dr Nairizi informed that M/s Abhyankar and Co., have been appointed Statutory Auditors for the three year period from 2012-13 to 2014-15 in place of M/s Sunil Goel and Associates. PFC recommends that the report of the Auditors for the financial year (*1 April 2012 to 31 March 2013*) as provided in **Annex R1.3**, page 17 be approved.

21. The Chair of PFC informed that the Committee had considered the revised budget for the FY 2013-14 as given in **Annex R1.5**, page 21 and recommended for its approval by IEC. The Committee considered the budget for the FY 2014-15 and Preliminary Budgets for the FYs 2015-16 and 2016-17 and recommended for its acceptance by IEC.

22. PFC considered the request for waiver of sundry dues outstanding against the NCs of Hungary, Philippines and Saudi Arabia. It also noted the requests from some deemed inactive NCs to waive off their arrears to enable them to re-join ICID. The Committee recommended that keeping in view the fiscal discipline required to be maintained, such requests should be considered in exceptional circumstances on a case to case basis.

23. Secretary General Hon. Gopalakrishnan expressed that in a quite a few cases, the report seeks the approval of the Council, to which Secretary General Tyagi explained that the Council will discuss all the Permanent Committee reports together under item 4.4 of the IEC Agenda and then take decisions in totality. The Council therefore, endorsed the Report of the Chair of PFC presented and recorded its decisions under IEC Res-1/64 "Financial Matters of ICID". The minutes of **PFC** are given at **Appendix I**, page 55.

PCTA Minutes Item 4.2: Permanent Committee on Strategy and Organization (PCSO)

24. Vice President Dr. Ragab Ragab, Chairman, PCSO presented the report of the 24th meeting of PCSO held on 3 October 2013 from 13:30 to 17:00 hours. Based on the recommendations of the various work-bodies associated with it, PCSO reviewed the membership of the Working Groups attached to the committee and recommended for acceptance by IEC. The changes in the membership of various Working Groups attached to PCSO as proposed by it and accepted by the Council are given in **Annex R2 of Res. IEC-2/64**.

25. The Chair of PCSO explained the interactions VP Laurie Tollefson had with the Brazilian National Committee and pointed out the opportunity to organize a regional meeting at the time of an annual conference that will be taking place in Brazil late this year in order to enhance regional cooperation and reactivation of NCs in the Latin American countries. IEC was informed of the efforts being made by VP Dr. Gerhard Backeberg and VP Adama Sangare in Southern and Eastern Africa and West Africa respectively to reactivate the National Committees. It was pointed out that few more NCs such as Madagascar, Lesotho, Botswana, Nigeria and Burkina Faso are expected to join ICID. The Council noted that some NCs from Europe are undergoing financial constraints due to ongoing European fiscal crisis.

26. VPH Dr Ragab Ragab informed that the Committee considered the recommendation of the Special Committee to look into the Amendments to the Constitution and By-laws to include the Guidelines in "ICID Handbook of Procedures" and to make it available at the 'Members Only' web pages of ICID and endorsed the recommendation to IEC for acceptance.

27. The Chair informed that PCSO, while reviewing the organization of the First World Irrigation Forum, applauded the efforts of TUCID in organizing WIF at such a short notice in such a remote location like Mardin. It was emphasized that the World Irrigation Forum should be distinguished from the Congress and that it should lay emphasis on political process, particularly through Ministerial meeting, which should be planned well in advance. The Committee has suggested that there should be more of debate and discussions than the paper presentations and that the NCs could organize similar activities within their countries to feed into WIF. The Committee recommended that a Task Team or Sub-committee should be set up to review the structure of the World Irrigation Forum format.

28. The Chair reported that the Committee recorded its appreciation for the Ministry of Water Resources, People's Republic of China for supporting the prize. In order to make the WID Prize more sustainable, PCSO suggested setting up of a Task Team to establish a Trust Fund.

29. The Committee, Dr Ragab Ragab informed, while noting the salient features of MoU with WMO, expressed its satisfaction that the collaboration with other international organization is being now established on an equal level duly taking into account the role and mandate of the participating partners. The Committee expressed satisfaction at the way the International Organizations had participated in the World Irrigation Forum, particularly FAO, IFAD, ADB and IWMI.

30. The progress on the African Regional Working Group was presented to the Council informing the selection of a new Chair and that the Southern African Regional Irrigation Association (SARIA) has developed a strategy for capacity building program and other sub-regions are being encouraged to do the same. The Council was informed that the Committee appreciated the efforts and observed that other international organizations as ICID partners should be invited as far as possible to participate in these capacity building activities. The Council was informed by the Chair of PCSO of the reorganization of the various task teams and WGs of the EWRG and that the new WGs are proposed to be more focused.

31. The Council noted the wide ranging collaboration activities that were being undertaken by the ASRWG. It also noted the desire of the Group to get North Korea involved in its activities. Various MoUs signed between different NCs such as TUCID and IRNCID; CNCID and INACID were also informed. VPH Dr Sato had made a proposal to PCSO for the chair of the ASRWG to be included as one of the members of TF WWF7, which was endorsed by the Committee and accepted by the Council.

32. The Council was informed by Dr Ragab Ragab of the efforts being made to strengthen the SDTA network. He informed that during the meeting of the WG-YPF, the Secretary General received the request from the Young Professionals not belonging to NCs, who had participated in the WIF sponsored by various International Organizations, as to how they could directly be involved in the activities of ICID or WG-YPF. The Committee endorsed the suggestions of the Secretary General that in case of YPs, exception should be made and YPs not belonging to Member countries and not sponsored by the NCs should be allowed to be part of the Group as Associate Members.

33. The Chair of PCSO reported that KCID had planned for a roundtable of about 20 sponsored participants from developing countries from Africa, Asia and Latin America on the sidelines of 22nd Congress.

34. VPH Felix Reinders suggested that the Council should go for voting one after the other and not at one go, like the PFC, PCSO and others and that the Draft Minutes should be annexed to the Resolutions and the Draft Minutes be approved, so that the decisions are clear. Secretary General Tyagi clarified that PCSO and PFC minutes presented before the IEC are 'brief minutes' bringing out the essential recommendations which have to be deliberated upon by IEC. PCTA has presented the draft minutes which also contain discussions. Therefore, in order to avoid any ambiguity, important recommendations of three Committees are consolidated under two Draft Resolutions and are placed before IEC. After getting the overall picture based on the reports from the three Committees, the Council can deliberate upon the recommendations and take decisions on each one of them by voting. The Resolutions provide the full text of the decisions as per ICID By-law 4.2 (a). President Hon. Bart Schultz suggested that the brief minutes of PFC and PCSO could be approved for the time being and the minutes of PCTA can be approved later. SG informed that other decisions/observations of the Committees will be covered in the minutes of respective Committee which are approved by the Council following the procedure laid down in ICID By-laws 4.2 (a), (b) and (c) as pointed out by SGH M Gopalakrishnan. The Council therefore was advised to

vote on the draft decisions emanated from the recommendations of the Committee Reports and not on the Draft Minutes.

35. The Council endorsed the report of the chair of PCSO presented and recorded its decisions in Res IEC-2/64. The detailed minutes of **PCSO** is given at **Appendix II**, page 61.

PCTA Minutes Item 4.3: Permanent Committee on Technical Activities (PCTA)

36. VPH Felix Reinders, Chairman, PCTA presented the report of 33rd meeting of PCTA held on 4 October 2013 from 09:00 to 17:00 hours. The Council was informed that PH Peter Lee has been nominated as a member of PCTA as proposed by the President in consultation with Secretary General. Committee urged NCs to nominate additional members to PCTA. The Council, based on the proposals for changes in the membership of various workbodies associated with PCTA, accepted the changes in the membership as given in **Annex R2 of Res. IEC-2/64**.

37. The Council was apprised of the report of the Vice President Dr. G.R. Backeberg, Chair of the Task Team (TT) to review the classification of Thematic Areas and the Working Groups associated with each one of them. The Committee recommended that as suggested by the TT, the nomenclature for Strategy Theme "Systems" be changed to Strategy Theme "Schemes." The TT also recommended moving certain TFs and WGs as listed in para 58.

38. VPH Felix Reinders informed the Council that Committee has endorsed the proposal of the Theme Leader Vice President Dr. Gerhard Backeberg for creation of new workbodies (1) water management in irrigation; (2) water management in drainage; (3) irrigation water loss control; (4) irrigation re-vitalization/modernization; (5) irrigation development and management) under the strategy theme "Schemes" as suggested by VP Dr Backeberg in his report.

39. The Chair of PCTA informed that the Committee expressed its support for the proposal from Australia with the interest shown by New Zealand in contributing to the topic of "Irrigation Codes of Practice and Standards" with keen interest shown by Canadian and Brazilian NCs. At the same time the Committee informed that the WG-WATS and WG-DRG have completed their tenure in 2013. The Council noted that the activities of TF-FIN have also been concluded in 2013 and that the Committee has recommended that a new Working Group on Development and Management by Water User Associations (WUAs) may be considered.

40. The Council was informed by the Chair that WG-DRG has submitted its final "report" in the form of DVD that was handed out at the First World Irrigation Forum and presented to the members at the 63rd IEC Meeting that includes the proceedings of all drainage workshops organised under auspices of the ICID. The WG has proposed a new mandate for a Committee on Drainage.

41. The Chair informed that PCTA recommend that in principle the WGs discussed in preceding three paragraphs should be established on the basis of the Scoping Document duly considering the recommendations of the TT as stated in the paragraph above. However, he pointed out that their names, the scope of activities and whether some of them should merge should be left to a later stage when the Scoping Documents would be developed for their establishment. The Chair informed that the Committee had requested Secretary General to coordinate in developing these Scoping Documents in consultation with the key persons and involving a core group of experts.

42. The Committee recommended that the extension of WG-POVERTY be approved up to 2014 to complete the report. A one-year extension of the mandate for WG-Drought was also recommended. Based on the recommendations from the WG-WATS Committee has suggested changes in the way the WatSave Awards were being administered and recommends that the past conveners of the WatSave award selection panels work with the Secretary General to develop new guidelines for nominating these awards.

43. The Council was informed that the Chairman of the WG-CLIMATE, along with Professor Ray Shyan Wu of Taiwan, and Professor Sue Walker of South Africa would serve as a Panel of Expert for Congress Question 58.1: Understanding Impacts of Climate Change on Land and Water Use. The Council was informed that the WG-CLIMATE will work pro-actively with KCID to generate a broad range of submissions for this Question 58.1 so that the full range of issues related to the question are covered.

44. The Council was informed that three special issues of Irrigation and Drainage Journal will be published in 2013, two of which will be Sponsored Special Issues. In 2014 a special issue (as a regular issue 63.2) is expected to be published with selected papers of the First World Irrigation Forum. Similarly, in 2014 or 2015 two other special issues are expected to be published. The Council was informed that the WG-HIST had considered the

draft paper on “Recognition of Historical Irrigation and Drainage Structures” presented by the TF headed by VP Ragab Ragab and promised to send its inputs to Central Office

45. The Council was informed that PCTA has decided to prepare a glossy publication based on the outcome of Theme 2.2 of WWF6. The Committee informed that the report of TF-FIN will be edited for publication by ICID.

46. Committee while considering the follow up on development of the Intensification of Research Program desired that the Program should be developed so that there is greater coordination among various nodes and also to brand the activities of this programme.

47. The Committee recommended that a Sub-Committee to bring synergy and coherence in the themes of various ICID events, particularly Congress Questions and WIF Themes needs to be set up and recommends that it may consist of PH Prof. Bart Schultz, Chairman; VP Laurie C. Tollefson, Member; VP Dr. Gerard Backeberg, Member; the chairperson of the host country National Committee of the future ICID Congress and WIF; and SG Avinash Tyagi, as Member Secretary.

48. The Council endorsed the report of the chair of PCTA and recorded its decisions under Res IEC-2/64 “Organisational and Technical Matters of ICID”. The minutes of **PCTA** are given at **Appendix III**, page 65.

PCTA Minutes Item 4.4: Discussion and decisions on the Recommendations of the Permanent Committees

49. The President, on behalf of the Council thanked the chairs of the three permanent committees PFC, PCSO and PCTA for their report and opened discussions on them together.

50. On the revised share of the registration fees from various ICID events contributed to ICID Budget, as suggested by PFC, and in response to a query raised by SGH M Gopalakrishnan, Secretary General informed that a proper analysis had been carried out and the decision was based on the time resources that was invested by CO in supporting the efforts of the host NCs, the share contributed by the host NCs to ICID budget in the past and after the financial projections. .

51. On the query from VPH Vlotman, it was informed that the discussions on the reports of the three Permanent Committees is being taken up together as a number of issues such as WIF, WID Prize, Organization of ICID Events, etc., were deliberated upon, albeit from different perspectives, by more than one Committee. The main recommendations of the three Permanent Committees have been consolidated in the two Draft Resolutions, one on “Financial Matters of ICID”, (Res.IEC-1/64) and the other on “Organizational and Technical Matters of ICID” (Res. IEC-2/64) presented to the Council. Dr Ragab Ragab clarified that this year there are no major decisions recommended by PCSO and therefore mostly the recommendations of the PCTA appear in Res. 2/64.

52. Based on the reports of the three Permanent Committees presented by their respective chairmen, Council deliberated on the recommendations and made its decisions as recorded in IEC-Res 1/64 and Res.2/64.

IEC Minutes Item 5: Report on 1st World Irrigation Forum (WIF1)

53. President Dr Gao Zhanyi as the Co-chair of the Steering Committee set up to guide the preparations for the First World Irrigation Forum briefed the Council on the process adopted. He informed that in addition to the Steering Committee, an International Technical Advisory Committee was set up under the chairmanship of PH Bart Schultz and members drawn from various International Organizations, National Committees and TUCID, the host NC, to guide the technical contents of WIF1.

54. PH Prof Bart Schultz, who headed the International Technical Advisory Committee (ITAC), briefed the members of the Council on the technical process, the lessons learnt, and technical outcomes of the Forum. The Council was informed that ITAC decided the theme “Irrigation and Drainage in a Changing World: Challenges and Opportunities for Global Food Security” with three sub-themes: (i) “Policy, Science and Society Interactions”; (ii) “Challenges and Developments in Financing Irrigation and Drainage Sector” and (iii) “Integrated Water Management Approaches for Sustainable Food Production”. He informed that in addition, three background papers, one each on three sub-themes were prepared by ICID experts which were put up on the web-site prior to the Forum. More than 325 abstracts were received which were reviewed and about fifty papers were presented orally at various parallel sessions of sub-themes and three workshops. He informed the Council that about 750 participants from 61 countries and 12 international organizations attended the Forum. Speakers from different International Organizations delivered six keynote speeches providing different perspectives from stakeholders. More than 50 oral presentations, 12 short communications were presented. Various international organizations took part in about 23 Side Events organized by them. Some 20 organizations/companies took part in the

exhibition. The Council noted the Forum Statement adopted by the First World Irrigation Forum (**Annex 3**, page 47).

55. The Council noted the extensive work undertaken in the preparation of WIF1, expressed its satisfaction at the successful conduct of the Forum and. The Council placed on records its appreciation for the host the Turkish National Committee (TUCID) under the leadership of its Chair Mr Akif Ozkaldi for organizing the event so successfully within a short period of fifteen months. The Council expressed its appreciation to IWMI, FAO, IFAD, GWP, WWC, WMO and ADB, among others, for their support and active participation in WIF1. The Council particularly expressed its appreciation for the leadership shown by President Gao Zhanyi, PH Bart Schultz, and VP Hüseyn GÜNDOĞDU in conceptualizing and successfully organizing the event. The Council also recognized the support provided by the Central Office under the leadership of Secretary General Avinash Tyagi.

56. PH Peter Lee, who chaired the Jury for the adjudication of the World Irrigation and Drainage Prize, presented his assessment of the process. He informed the Council that the process was very intensive as a number of nominations were from very eminent persons and the final decision was very close. He thanked the other Jury members who were drawn from other international organizations, and whose identity has been decided to be kept a secret, for their inputs. He congratulated Prof Viktor Dukhovny for receiving the first WID Prize. He however, pointed out that we should keep the distinction between the WID Prize which is given to an individual for his achievements and the WatSave Awards, which are given for the particular invention, technology or management tool.

57. The Council recalled the suggestions made in the report of the Chair of PCSO and decided to establish a Task team for establishing a Trust Fund for making financing of the WID Prize to make it sustainable

IEC Minutes Item 6: Reports by the Chairs of Task Teams

PFC Minutes Item 6.1: Task Team on classification of Thematic Areas

58. As per the decision of the 63rd IEC meeting, a Task Team under the chairmanship of VP Dr. Gerhard Backeberg was constituted to review the classification of Thematic Areas and the Working Groups associated with each one of them. Chair of TT presented his report to the Council. Dr Backeberg suggested naming the Theme "Systems" as "Schemes" and shifting few of the existing WGs.

59. The Task Team proposed the transfer of Task Force on Value Engineering (TF-VE) from Strategy Theme Basin to Strategy Theme Knowledge; transfer of Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY) from Strategy Theme Schemes to Strategy Theme Basin; the Task Force on Water for Bio-Energy and Food be changed to a Working Group on Water for Bio-Energy and Food (WG-BIO-ENERGY) thereby leading to a balanced spread of 4 – 6 Working Groups/Task Forces per Thematic Area/Strategy Theme.

60. The Chair of the Task Team and Theme Leader proposed that new WGs under the tentative heading as presented in report of PCTA in paragraph 38. VP Dr. Backeberg suggested that the formal proposals for establishing these WGs should be in accordance with the procedure laid down during 63rd IEC. The scoping documents for the establishing these WGs, to be prepared in consultation with potential work-body members and partners should be completed and submitted by 65th IEC. The Council, keeping in view the report of Chair of PCTA agreed to these proposals in principal as resolved under Res.2/64.

PFC Minutes Item 6.2: Task Team on Historical Irrigation Structures

61. VP Dr Ragab Ragab, the Chair of the Task Team constituted for recognition of Historical Irrigation Structure to work out objectives, guidelines and procedures to promote and value these historical structures presented the Discussion Paper drafted by the Team (Annex 2 of Agenda of WG-HIST). The Discussion Paper was also deliberated upon in the WG-HIST and they have provided its inputs. A discussion on the same was reported by Chair of PCTA in his report.

62. "VPH Mr. Shinsuke Ota commented that important historical irrigation structures to be accredited by this scheme would draw the world attention. In addition he suggested that there is also need to highlight the intangible value of wise irrigation/drainage management practices adopted by social/stakeholders' involvement. President Gao's initiative should be extended to convey this idea to the world water community at large."

IEC Minutes Item 7: Report of the Chair of the Special Committee to look into the Amendments to the Constitution and By-laws

63. PH Peter Lee, Chair of the Special Committee set up as a follow up to the Resolution IEC-3/63 to look into the proposed amendments to the Constitution and By-laws in light of granting direct membership in ICID and other decisions presented his report. He informed the Council that a number of the changes related to financial aspects have been incorporated based on the recommendations of the sub-committee of PFC set up under the chairmanship of VPH and Chair of PFC Dr Nairizi that considered the recommendations of PCSO during 63rd IEC. He brought to the notice of the Council the significant changes in the Constitutions such as:

- (i) Renaming 'deemed inactive National Committees' as "Associate Members" (proposed Art 4.4 and 11.4),
- (ii) Modifying the nomenclature of direct members (proposed Art 5), and
- (iii) Defining the fiscal year (proposed Art 11.7).

64. The significant changes in the By-laws as pointed out by PH Peter Lee were:

- (i) Financial obligations of host National Committees of various ICID events (proposed By-law 5.8 and 7.4),
- (ii) Changes in distribution mechanism of transactions of Congress/Forums (proposed By-law 5.9), and
- (iii) Appointment of Statutory Auditor (proposed By-law 7.3)

65. In addition, PH Peter Lee informed the Council, there were a number of other minor changes such as shifting the entire para, splitting the para, or merging more than two paras etc., which were mainly incorporated for better reading.

66. The Chair of the Special Committee introduced the concept of "Handbook of Procedures", placed separately and referred to in the amended Constitution and By-Laws, which was proposed to bring together variables and details that are ancillary to the By-Laws, and need to be adjusted from time to time. PH Peter Lee clarified that the handbook is not part of the By-Laws (or even less, the Constitution) but a compilation of variables and details already decided by Council (or decided from time to time) where one can keep track of them. In this regard acceptance of the proposed amendments of the Constitution and By-Laws, he pointed out, will approve the concept of having a Handbook for this purpose. He emphasized that the material in the Handbook will be based on the decisions by the Council, but would not be required to go through the more lengthy procedures for amendment of the Constitution or By-Laws. Review of its contents will be managed through the established channels (mainly PFC, PCTA and PCSO recommendations) when issues arise, rather than through periodic review of the document as a whole.

67. The benefit of the Handbook, PH Peter Lee pointed out, will be to compile separately in one document all the decisions of the Council, which have never been brought together before, and reduce the need to refer back to past IEC minutes to find out what had been decided. In this regard each section or provision in the Handbook shall refer to the relevant decision of the IEC. The references to the Handbook in the By-Laws imply that it is going to be made available for general use by all concerned with the management of the Commission, its membership and events.

68. PH Peter Lee informed the Council that in accordance with Article 12 of the Constitution regarding amendments to the Constitution and By-laws, the Report of the Special Committee on Constitution and By-laws which was circulated to the National Committees more than 2 months in advance of the IEC meeting. However, there were no comments received from the NCs.

69. The Council was informed that the said amendments were also considered by the Office Bearers Committee in its informal meeting on 3rd October 2013, where it was suggested that the proposed amendments in respect of the changes in the election procedure for the Vice-presidents may be kept in abeyance. At the same time the Council was informed that the Management Board had also suggested that the proposed changes in the constitution of the Management Board may not be accepted due to their financial repercussions.

70. The Council approved the concept of "Handbook of Procedures" and adopted the amendments to the Constitution and By-laws as provided in **Annex R 3.1 and Annex R 3.2 of Resolution IEC-3/64.**

IEC Minutes Item 8: Approvals for future ICID Conferences/Congresses/Forums and their Dates and Venues

71. The Council was informed that in response to the Central Office circular dated 24 May 2013 to all the National Committees inviting proposals for hosting the ICID events in the next four year period (2015-2017),

Zimbabwe Committee on Irrigation and Drainage (ZwCID) had expressed interest in hosting 23rd International Congress on Irrigation and Drainage with 68th IEC meeting from 24-30 September, 2017 at Victoria Falls, Zimbabwe. The Council noted that the “Performa to facilitate approvals for hosting ICID events” – Form A had been submitted by ZwCID formally. The Council was also informed by Secretary General that, in an e-mail received in the morning of 5th October 2013 from the Secretary of ZwCID, the NC has expressed its regrets for not having been able to attend the 64th IEC meeting for presenting their proposal for the 23rd Congress, due to certain logistic reasons.

72. The Council was also informed by the Secretary General of the expression of interest received from the National Committee of Mexico (MXCID) to host the 23rd Congress with 68th IEC in Mexico through a written communication presented by the Secretary of the National Committee.

73. The Council noted that decisions on the venue and host for the ICID events during the next four years: the 68th IEC and 23rd Congress on Irrigation and Drainage, 2017; 5th American Regional Conference (2014 onwards); 8th Asian Regional Conference (2015 onwards); 4th African Regional Conference (2015 onwards); 9th International Micro Irrigation Symposium (2015 onwards); and the 13th International Drainage Workshop (2017 onwards) would need to be taken by the 65th IEC in South Korea.

74. The Council while appreciating the offers, coming particularly from the two continents where very few ICID events had been held in the recent past, took note that ZwCID had only recently reactivated and that the NC officials should get a better understanding of how the Congresses and IEC meetings are being organized with the new requirements such as IT facilities etc. which has changed considerably over the last 10 years. The Council took the decision by a voice vote to request ZwCID to consider hosting the 4th African Regional Conference in 2015, instead of the 23rd Congress in 2017. The Council also decided by a voice vote to provisionally accept the offer of MXCID to host the 23rd Congress with 68th IEC in 2017 and requested them to submit a detailed financial proposal in Form A and Form B at the earliest and well before the 65th IEC Meeting in September 2014 in Gwangju, South Korea.

75. The council was also informed that the Iranian National Committee on Irrigation and Drainage (IRNCID) has expressed interest in hosting the 13th International Drainage Workshop (IDW) in 2017, but without any formal request in “Performa to facilitate approvals for hosting ICID events” – Form A. PCTA has also endorsed the recommendation of the WG-DRG, supporting hosting of this event by IRNCID. The Council accepted the offer of IRNCID in principal and requested them to present the proposal in Form A and Form B for the administrative and financial approval of the Council by the 65th IEC meeting.

IEC Minutes Item 9: Consideration of ICID Membership Requests

76. The Council was informed that no new applications from the National Committees had been received during the year in Central Office for membership. However, Uruguay National Committee of ICID (URUCID), who are ‘deemed inactive’ since 2012 have requested to waive off the annual subscriptions arrears for the years 2008, 2009, and 2010. The Council was also informed by the President Gao Zhanyi that he had a meeting with HE Mr Hasanov Homidjon, Deputy Minister of Land Reclamation and Water Resources from Tajikistan who had attended the World Irrigation Forum and informed him that Tajikistan National Committee (TAJCID) is keen to rejoin ICID. However, he requested to waive off the arrears subscription.

77. The Council recalled that in accordance with By-law 13.5 re-admitting of an ‘deemed inactive’ NC can be considered by IEC after the NC has made full payment of the three years’ arrears, immediately preceding the interruption in its membership. These arrears can be waived only in case of NCs from Least Developed Countries. Considering the renewed interest in the membership the Council decided to authorize the Management Board to consider such requests on a case to case basis on their merits.

78. The Council was also informed that the Federal Ministry of Water Resources, Nigeria has communicated about the reactivation of Nigerian National Committee on Irrigation and Drainage (NINCID). The Council hoped that NINCID will soon settle their subscription arrears and take part actively in the activities of ICID.

79. Based on the recommendations of PFC and PCSO on the report of the Direct Membership Administering Sub-Committee the Council admitted all the six provisional members as presented in Res. 2/64 as direct members.

IEC Minutes Item 10: ICID Awards / Plaques

80. The President, in consultation with the Secretary General constituted a Panel of Judges comprising PH Prof. Chandra Madramootoo (Canada), as the Convenor and VP Hüseyin GÜNDOĞDU (Turkey); VP François BRELLE (France); VP Tai-Cheol Kim (Korea) and VPH Hussein Ehsan E-Atfy (Egypt) as members for the annual WatSave

Awards. On behalf of PH Prof. Chandra Madramootoo, Secretary General informed that based on the recommendations of Panel of Judges three prizes, (i) Technology Award (ii) Water Management Award and (iii) Young Professional Award, were declared. Prof Yi Yongqing from China was given the Technology Award for his work on "Thin and Exposed Irrigation for Paddy Rice" and Mr. Zhang Xuehui also from China was given the Water Management Award for his work "Innovations and Reforms for Modern Irrigation Management in Large Irrigation Schemes". The plaques and cheques for the WatSave awards were presented during the plenary session of the Council on 1st October 2013.

81. Secretary General informed the Council that there were certain objections raised on the work that was declared to be awarded WatSave Young Professional Award 2013. In consultation with the concerned National Committee which constituted an expert panel, the Panel of Judges considered the objections and as a result withdrew the WatSave Award for YP for the year 2013. Earlier, in his report the Chair of PCSO, based on the recommendations of WG-WATS had recommended that the rules and regulations concerning WatSave awards may be looked into afresh. The Council considering the above and decided to establish a Task Team to look into the rules and regulations as decided in the past, consolidate them and suggest changes where required in light of the experience gained over the years

82. Citation plaques were presented to Dr. Ragab Ragab United Kingdom; Engr. Husnain Ahmad, Pakistan; and Mr. Chaiwat Prechawit, Thailand for their services as Vice-presidents and their guidance to the ICID activities during their tenure 2010-2013 as Vice Presidents.

83. Dr. Maurits Ertzen (The Netherlands), Chairman, WG-MIS, 2007-2012 and Prof. Linden Vincent (The Netherlands), Chairman, WG-TRUE, 2007-2012, retiring chairperson of workbodies were also presented citation plaque for providing commendable guidance to the activities of the concerned workbodies. Dr. Luis Rendón Pimentel, Chair of the American Regional Working Group was also presented a plaque.

84. The Chair of EB-JOUR, PH Dr. Bart Schultz, provided the recommendation to IEC for the Best Paper Award for 2013 on the basis of the contributions to the Journal made during 2011-12. The Council approved to confer the award to P.J.G.J. Hellegers; H.C. Jansen and W.G.M. Bastiaanssen for the paper titled "An Interactive Water Indicator Assessment Tool to Support Land Use Planning". The citation plaque was received by Dr Charlotte de Fraiture, Chair of NETHCID on behalf of the authors.

IEC Minutes Item 11: Election of the Office-Bearers 2013-2016

85. The Council recalled that as per article 7.2.4 of the ICID Constitution, the 3-year term (2010-2013) for the Office of the Vice-Presidents of Dr. Ragab Ragab (U.K); Engr. Husnain Ahmad (Pakistan); and Mr. Chaiwat Prechawit (Thailand) concludes at the end of the Mardin IEC. The Council noted that in response to the Central Office's circulars inviting nominations for the positions of Vice President for the term 2013-2016 three nominations: Dr. Basuki Hadimoeljono (Indonesia), Mr. A.B. Pandya (India) and Mr. Kadhim Mohsin Ahmed (Iraq) for three positions were received before the closing date of 5th June 2013. The Secretary General informed that all the nominations were found to be valid. The President declared all the three candidates elected unopposed for the post of Vice-President for the term 2013-2016.

86. The Council then, in accordance with the By-law 2.8 resorted to voting in order to decide on the seniority of the three Vice-Presidents. PH Bart Schultz and PH Peter Lee were appointed by the President as the returning officers. On the basis of the secret ballot from 26 National Committees present, the seniority of the three vice presidents were declared as (1) Dr. Basuki Hadimoeljono (Indonesia), (2) Mr. Kadhim Mohsin Ahmed (Iraq) and (3) Mr. A.B. Pandya (India). The Council approved destroying the secret ballots (after the counting).

IEC Minutes Item 12: Closing remarks by the President, ICID

87. President thanked all the members for their support and all others who facilitated the Council meeting. The President declared the meeting closed at 17.20 hrs.



INTERNATIONAL EXECUTIVE COUNCIL (IEC)**RESOLUTION IEC-1/64: FINANCIAL MATTERS OF ICID****THE Council**

Accepting the Report of the Chair of the Permanent Finance Committee;

Noting further the report of the Statutory Auditors M/s Abhyankar and Company; and

Considering the recommendation of the Management Board;

Decides Unanimously

1. To nominate Mr. Laurie Tollefson as the Vice Chair of the PFC with a view for him to take over the mantle of the Chair after the 22nd Congress in September 2014 in Gwangju, South Korea.
2. That the persons, institutions and companies as given in **Annex R1.1**, page 15 with provisional membership as accorded by the Direct Membership Administering Sub-Committee be admitted as members of ICID for the periods for which they have paid subscription.
3. To reduce the contribution of the host National Committees towards ICID Budget from 50 to 35 per cent of the total registration proceeds in case of Congress;
4. To fix the contribution at 35 percent for the NCs hosting World Irrigation Forum and continue with a contribution of 15 per cent in case of ordinary IEC, and 5 percent in case of stand-alone Regional Conferences, International Workshops, Symposiums etc., as share of the total registration proceeds;
5. That the National Committees of Afghanistan, Lithuania, Niger and Syria be declared as “Associate Member” (new term for “Deemed Inactive”) from 1 January 2014 as they have failed to contribute ICID subscription for last three years in accordance with by-law 13.2.
6. That the National Committees of Fiji and Ukraine be debarred from holding office – whether it be as Office Bearers or as a member of the workbody until they clear their outstanding dues in accordance with by-law 13.1 from 1 January 2014.
7. To approve the appointment of M/s Abhyankar and Company, as the Statutory Auditors of ICID, for a period of three years starting with the financial year 2012-13.
8. To approve the Revised Budget for 2012-2013 **Annex R1.2**, page 16 as decided by the Management Board in February 2013 and accordingly approve the Audited Accounts of ICID for the financial year 2012-13 **Annex R1.3**, page 17.
9. To approve the Revised Budget of ICID for the financial year 2013-14 and the Budget for the financial year 2014-15 as given in **Annex R1.4**, page 20.
10. To approve the Fee Structure for the 65th IEC Meeting with 22nd Congress, Korea; 12th International Drainage workshop, Russia and 66th IEC Meeting with European Region Conference, France, as shown in **Annex R1.5**, page 21.
11. To delegate Management Board the responsibility to address the requests received from the NCs for the waiver of subscription in exceptional cases on a case to case basis.

Appreciates

1. The NCs of Mali, Egypt and Australia for contributing the appropriate share of the registration fee for the 3rd African Regional Conference, 11th International Drainage Workshop and 63rd IEC meeting (and 7th ARC) respectively to the ICID Budget.
2. The Ministry of Water Resources, People’s Republic of China for providing grants to carrying out various ICID activities during the Financial Years 2012-13 and 2013-14.

Requests

3. The National Committees to nominate more members to the PFC.
4. The National Committees to continue to broaden their membership at the National level in order to provide a platform to all the stakeholders in the agriculture water management.
5. The National Committees hosting ICID events to consider providing support to 10 YPs from developing countries to facilitate their participation,
6. The Central Office to financially support the full waiver of at least five YPs to attend ICID events,
7. The WG-YP to work out a criterion based on the contributions from the YP, the membership of the country, and the status of the country (least developed, developing and developed) to decide on the recipients of such a scholarship.



INTERNATIONAL EXECUTIVE COUNCIL (IEC)**RESOLUTION IEC-2/64: ORGANISATIONAL AND TECHNICAL MATTERS OF ICID****THE Council**

Accepting the reports and recommendations of the Chairs of the Permanent Committees on Strategy & Organization and Technical Activities;

Considering the endorsement by the Management Board and the Office Bearers Committee; and

Noting the successful organization of the First World Irrigation Forum

Decides unanimously

1. To approve the reactivation of the National Committees of Chad, Malawi, Morocco, Sri Lanka, Zambia and Zimbabwe in accordance with By-law 13.5
2. To approve the membership changes of various work bodies of PCTA and PCSO as presented to these Permanent Committees provisionally given in **Annex R2**, page 17 to this resolution (*any discrepancies may be clarified through contact/correspondence with Central Office*);
3. To accept the recommendations of the Task Team on Classification of Thematic Areas, chaired by Vice President Dr. Gerhard R. Backeberg and to rename the strategy theme “Systems” as “Schemes” and the proposal to shift the TF- BIO-ENERGY from Strategy Theme “Schemes” to Strategy theme “Basin” renaming it as WG-BIO-ENERGY and TF-VE from Strategy Theme “Basin” to Strategy Theme “Knowledge”.
4. To accept proposals of the Theme Leader Vice President Dr. G.R. Backeberg, Task Team on Classification of Thematic Areas to establish five new WGs (*under the tentative heading of (1) Water Management in Irrigation; (2) Water Management in Drainage; (3) Irrigation Water Loss Control; (4) Irrigation Re-vitalization/Modernization; (5) Irrigation Development and Management*) under the strategy theme “Schemes” as suggested by VP Dr. Gerhard Backeberg in his report, including the WG-DRG with a revised mandate, in principal. The formal proposals for establishing these WGs should be in accordance with the procedure laid down during 63rd IEC. The scoping documents for the establishing these WGs, to be prepared in consultation with potential WG members and partners should be completed and submitted by 65th IEC.
5. To approve the closure of TF-FIN, WG-DRG, and WG-WATS and to extend the tenure of WG-POVERTY, WG-DROUGHT and TF-BIO-ENERGY by one year i.e., up to 2014. WG-WATS is recommended to reformulate a new mandate to address the two newly proposed Working Groups for Irrigation Water Loss Control as mentioned in para 3. The new mandate of WG-DRG is accepted with a proviso, that it would also prepare a “Scoping Document” and present it by 65th IEC meeting in 2014.
6. To constitute a Sub-Committee under PCTA to deliberate upon the Themes, Topics and Workplans of the various future ICID events including Congresses and World Irrigation Forums under the Chairmanship of PH Prof Bart Schultz with VP Dr Gerhard Backeberg, VP Laurie Tollefson, VP Huseyin Gundogdu, Chair PCSO VP Ragab Ragab and representatives of organizers of the next Congress and next World Irrigation Forum as its members and directs Management Board to decide its Terms of Reference.
7. To constitute a Task Team with PH Peter Lee, PH Chandra Madramootoo, Chair of WG-WATSAVE and SG to review the procedure for proposing and adjudication of WatSave Awards based on the earlier decisions on the subject.
8. To set up a Task Team to work out details for establishing WID Prize Trust Fund.

Requests

1. The National Committees to nominate more members to the PCTA.
2. And request the Secretary General to approach the experts interested in setting up new WGs as decided under Para 4 and facilitate appropriate consultations with other experts interested in the topic and prepare a scoping document for putting up the proposal for the establishment of the WGs.



INTERNATIONAL EXECUTIVE COUNCIL (IEC)**RESOLUTION IEC-3/64: CHANGES IN THE CONSTITUTION AND BY-LAWS OF ICID****THE Council**

Considering the Report of the Special Committee for Constitutional Amendments, established on the basis of Resolution IEC-3/63 at Adelaide, Australia, 2012

Considering the report of the Sub-Committee formed to consider suggestions made by PCSO and concerned workbodies,

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

Decides unanimously

1. To include suitable amendments and additions to the By-laws to include provisions for the procedure to appoint Statutory Auditor and other related financial issues;
2. Adopt the amendments to the ICID Constitution as listed in **Annex R3.1**, page 21 to this resolution except with respect to the changes made in the composition of Management Board (Art.8.1);
3. Adopt the amendments to the ICID By-laws as listed in **Annex R3.2**, page 31 to this resolution except the changes made in by-law 2.8 “Seniority of the Vice Presidents”;
4. To adopt the concept of “Handbook of Procedures” as part of ICID books of rules where the procedural decisions of the Council shall be compiled for all those involved in the implementation of ICID activities;
5. Request the Special Committee under PH Peter Lee to have a relook at the Article 7.2 of the Constitution and the by-law 2 “Election of Office Bearers” and come with suitable amendments, where deemed fit.

Requests

1. The NCs who are implementing the ICID events to go through the “Handbook of Procedures”, which is a compilation of variables and details already decided by the International Executive Council in its various meetings. The references to the Handbook in the By-laws imply that it is going to be made available for general use by those concerned with the management of the Commission.



ICID NEW DIRECT MEMBERS

Sl. No.	Name of Applicants	Country	Category of Countries	Type of Membership Applied for
1.	India Water Foundation (IWF)	India	Developing	Institution
2.	WAPCOS Limited	India	Developing	Company
3.	SU/YAPI Engineering and Consulting Inc.	Turkey	Developing	Company
4.	Mr. M. Gopalakrishnan	India	Developing	Individual (Retiree)
5.	The KAITEKI Institute, Inc. (TKI)	Japan	Developed	Institution
6.	Mr Basheer Ahmed	India	Developing	Individual (Retiree)



Revised Budget for the Year 2012-13

Sl. No.	Head of Accounts	Budget Approved at 63rd IEC 2012-13 ₹	Approved Revised Budget (15.02.2013) 2012-13 ₹
Receipts			
1.	Membership subscription	1,14,99,100	84,31,575
2.	ICID Journal	6,31,600	6,31,560
3.	Publications	94,000	4,16,339
4.	Conference Support	57,51,800	27,05,401
5.	Interest	9,90,000	23,12,600
6.	Other Receipts	21,32,965	17,22,303
7.	Rent of Let out properties	1,00,15,250	1,00,15,248
Total Receipts		3,11,14,715	2,62,35,026
Payments			
1.	Compensation package for the Secretary General	22,43,700	22,29,182
2.	Salaries & retirement dues of Staff.	1,57,59,700	1,56,44,011
3.	Services and Maintenance	38,20,000	29,33,298
4.	Property Tax and Utilities etc.	21,40,000	22,69,205
5.	Rehabilitation & Refurbishing of Central Office Building	2,00,000	30,00,000
6.	ICID Journal	19,54,800	20,84,844
7.	Printing and Distribution	10,61,000	12,35,225
8.	Conference expenditures	20,000	4,93,009
9.	Subscription to other organizations	0	0
10.	Travelling expenditures on meeting	10,60,000	12,38,005
11.	Payment to L&DO (MoUD)	60,00,000	60,00,000
12.	Other Payments	0	3,49,845
Total		3,42,59,200	3,74,76,624
Budget Deficit		-31,44,485	-1,12,41,598



Audit Report for the Year Ending 31 March 2013**A. ABHYANKAR & COMPANY**
Chartered Accountants

International Executive Council
International Commission on Irrigation and Drainage
48 Nyaya Marg
Chanakyapuri
New Delhi 110 021

Dear Sir,

1. We have audited the attached Balance Sheet of International Commission on Irrigation and Drainage (ICID) as on 31st March, 2013 and also Receipt and Payment Account and Income and Expenditure Account for the year ending on that date.
2. These financial statements are the responsibility of the management. Our responsibility is to express an opinion on these financial statements based on our audit.
3. We conducted our audit in accordance with auditing standards generally accepted in India. Those Standards requires that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.
4. We report that:
 - (i) We have obtained all the information and explanation which, to the best of our knowledge and belief, were necessary for the purpose of our audit.
 - (ii) In our opinion, proper books of accounts, as required by law, have been kept by the ICID, so far as appears from our examination of those books.
 - (iii) The Balance Sheet, Receipt and Payment Account and Income and Expenditure Account, dealt with by this report, are in agreement with the books of account.
 - (iv) In our opinion and to the best of our information and according to the explanation given to us, the said accounts, read with the notes thereon, give a true and fair view in conformity with the accounting principles generally accepted in India:
 - (a) In the case of the Balance Sheet, of the state of affairs of the ICID as on 31st March, 2013
 - (b) In the case of Receipt and Payment Account, of the receipts and payments for the year and
 - (c) In the case of the Income and Expenditure Account, of the excess of Income over Expenditure for the year ended on that date.

Yours faithfully,

Sd/-
For A. Abhyankar & Co.
Chartered Accountants
Firm Registration No-023961N

New Delhi
Dated: 31st July, 2013

Aniruddha Abhyankar
Proprietor
M. No : F-077883

Balance Sheet as on 31 March 2013

Particulars	2012-13	2011-12
	₹	₹
Assets		
Fixed Assets	7,656,328	8,416,941
Receivables	8,870,877	6,502,601
Stock of Publications	641,280	736,495
Cash at Bank & In Hand	35,466,948	34,189,468
Total Assets	52,635,433	49,845,505
Liabilities		
General Fund	34,502,731	33,650,349
Gratuity Fund	3,537,664	3,133,168
Superannuation Fund	-	-
Special Fund Receipts	1,863,132	-
Dictionary Fund	660,595	635,769
Advance Rent (Yes Bank)	3,086,520	3,086,520
Security Deposit from Tenant	6,100,000	6,100,000
WatSave Award Fund	661,479	661,479
Subscription Received In Advance	2,223,312	2,578,220
Total Liabilities	52,635,433	49,845,505

Auditor's Report

Sd/-
 For A. Abhyankar & Co.
 Chartered Accountants
 Firm Registration No. 023961N

Sd/-
 Aniruddha Abhyankar
 Proprietor

Sd/
 Dr. S.A. Kulkarni
 Executive Secretary

Sd/-
 Avinash C. Tyagi
 Secretary General

Places: New Delhi
 Dated: 31st July, 2013

Receipts and Payments Account**For the period from 1st April 2012 to 31st March 2013**

Particulars	2012-13	2011-12
	₹	₹
Receipts		
Balance B/F		
Cash & Bank	34,189,468	33,490,207
Membership Subscriptions	12,804,148	8,503,770
Sale of Publications	1,068,405	719,842
Conference Support	2,909,522	4,607,192
Interest on Fixed Deposits	3,281,633	1,276,044
Grant Received	4,256,870	263,956
Other Receipts	3,576,885	4,812,552
Rent on Let out Property	9,529,512	10,015,248
Total	71,616,443	63,688,811
Payments		
Salaries and Retirement Dues	15,931,795	14,216,732
Compensation for Sec. General	2,264,408	2,105,112
Service and Maintenance	2,875,607	2,453,239
Property Tax and Utilities	2,228,991	3,811,766
Rehabilitation & refurbishing	2,642,694	173,152
Printing and Distribution	3,179,303	2,220,331
Conference Expenditure	493,009	1,055,904
Travelling Expenses	1,011,812	1,614,475
Grants utilized	2,302,622	786,149
Subscription to other organization	-	48,960
Others	179,844	6,000
Duties & Taxes Paid	2,534,936	1,007,523
Purchase of Fixed Assets	412,417	-
UNESCO IHE Online Course Sponsorship	92,057	-
Balance C/F		
Cash & Bank	35,466,948	34,189,468
Total	71,616,443	63,688,811

Auditor's Report

Sd/-
 For A. Abhyankar & Co.
 Chartered Accountants
 Firm Registration No. 023961N

Sd/-
 Aniruddha Abhyankar
 Proprietor

Sd/
 Dr. S.A. Kulkarni
 Executive Secretary

Sd/-
 Avinash C. Tyagi
 Secretary General

Places: New Delhi
 Dated: 31st July, 2013



**Revised Budget 2013-14, Preliminary Budgets 2014-15, Preliminary Budget 2015-16, and
Forecast Budget 2016-17**

	Income/ Expenditure 2012-13	Revised Budget 2013-14	Budget 2014-15	Preliminary Budget 2015-16	Forecast Budget 2016-17
	₹	₹	₹	₹	₹
1. Membership Subscriptions	13,514,736	13,773,364	14,441,646	14,844,225	15,171,073
2. ICID Journal	631,560	935,000	935,000	935,000	935,000
3. Publications	436,845	67,000	153,000	40,000	65,000
4. Conference Support	2,909,522	3,122,625	12,595,000	2,304,000	6,000,000
5. Interest	3,333,293	3,000,000	2,000,000	3,300,000	3,400,000
6. Other Receipts	3,710,775	1,313,500	300,000	310,000	300,000
7. Let out property, Rent and Arrears	10,015,247	23,536,065	37,200,000	37,200,000	43,400,000
Total Income	34,551,978	45,747,554	67,624,646	58,933,225	69,271,073
1. Compensation Package for SG	2,264,408	2,603,112	2,787,912	2,972,712	3,165,938
2. Salaries and Retirement dues of Staff	14,910,883	22,419,800	21,405,245	23,751,961	25,292,036
3. Service & Maintenance	2,995,592	6,871,600	6,064,000	5,635,000	5,500,000
4. Property Tax & Utilities	2,264,408	5,850,000	14,495,000	14,535,000	15,950,000
5. Rehabilitation / Refurbishing	2,257,443	4,800,000	3,000,000	1,500,000	1,500,000
6. ICID Journal	2,081,808	2,315,335	2,315,335	2,315,335	2,315,335
7. Printing and Distribution	1,105,422	1,226,000	1,460,000	1,475,000	1,500,000
8. Conference Expenditure	493,009	540,000	1,040,000	40,000	600,000
9. Workshops and Trainings	0	0	1,000,000	1,000,000	1,000,000
10. Travel Expenditure on Meetings	983,872	1,260,000	1,360,000	1,410,000	1,500,000
11. Payment to L&DO (MoUD) from Rent	0	15,000,000	3,720,000	3,720,000	4,340,000
12. Other Payments	2,053,457	0	0	0	-
Total Expenditure	31,410,302	62,885,847	58,647,492	58,355,008	62,663,309
Surplus (Deficit) (1)	3,141,676	(17,138,293)	8,977,154	578,217	6,607,764
Grant Receipts	4,256,870	3,000,000	2,000,000	2,000,000	2,000,000
Grants utilization	2,302,622	3,000,000	2,000,000	2,000,000	2,000,000
Surplus (Deficit) of Grant (2)	1,954,248	0	0	0	-
Net Surplus/ Deficit (1) + (2)	5,095,924	(17,138,293)	8,977,154	578,217	6,607,764



**FEES STRUCTURE FOR
FORTHCOMING ICID EVENTS**

Year	2014		2014		2015	
Venue	Gwangju, Rep. of Korea		St. Petersburg, Russia		Montpellier, France	
Event	65 th IEC and 22 nd Congress		12 th International Drainage Workshop		66 th IEC with European Regional Conference	
	Nos.	Rate	Nos.	Rate	Nos.	Rate
Full registration*	350	\$850	100	\$ 600	400	\$800
Non-member fee	25	\$1000	--	\$ 650	?	\$850
Young Professionals (International)	15	\$425	20	\$ 300	--	--
Young Professionals (Local)	30	\$200	20	\$ 150	50	\$400
Local/conference rate	125	\$375	10	\$ 300	600	\$200
Retired Professionals	65	\$425	20	\$ 350	--	--
Sponsor nominees	15	\$750	--	--	--	--
Total Registrations	625	--	170	--	1050	--
Concurrent tours	75	\$50	--	--	--	--
Accompanying	33	\$350	20	\$ 250	?	\$200



REVISED MEMBERSHIP OF WORKING GROUPS UNDER PCSO

A. MEMBERSHIP OF WORKBODIES UNDER PCSO			
Sl. No.	Members	Country	Accepted/Deferred
AFRWG			
Dr. Sylvester Mpandeli (South Africa) and Mr. Fethi Lebdi (Ethiopia) are elected as Chairman and Interim Secretary, respectively.			
1.	Dr. Conrade Zawe	Zimbabwe	Deferred
2.	Dr. Sylvester Mpandeli	South Africa	Accepted
ASRWG			
3.	Mr. Mir Sajjad Hossain in place of Mr. T. Anwar Khan	Bangladesh	Deferred
4.	Dr. Rajinder Kumar Gupta (Direct Member)	India	Deferred
5.	Ir. Syed Abdul Hamid bin Syed Shuib in place of Dr. Mohammad Amin Mohd Soom	Malaysia	Accepted
ERWG			
6.	Dr. Sami Bourfa	France	Accepted
WG-IDSST			
Dr. Shukhrat Mukhamedjanov (Russia) is accepted as Observer.			
7.	Dr. Rajinder Kumar Gupta (Direct Member)	India	Deferred
8.	Dr. Katsuyuki Shimizu in place of Dr. N. Hacho	Japan	Accepted
WG-YPF			
9.	Dr. Sarfraz Munir	Pakistan	Deferred
10.	Dr. Mohamed Anter Mohamed Moursy	Egypt	Deferred
11.	Dipl. Ing. Jano Anter	Germany	Deferred
12.	Mr. Prashant Gupta in place of Mr. Piyush Ranjan	India	Deferred
13.	Dr. Atsushi Marui	Japan	Accepted
14.	Ms. Pooja Kapoor (Direct Member)	India	Accepted
B. MEMBERS TO BE REPLACED/RETAINED FROM WORKBODIES UNDER PCSO			
Sl. No.	Members	Country	Recommends
WG-IDSST			
1	Ms. Kateryna Shatkovska	Ukraine	To be replaced
WG-YPF			
2	Mr. Homan Khaledi	Iran	To be retained

REVISED MEMBERSHIP OF WORKING GROUPS UNDER PCTA

C. MEMBERSHIP OF WORKBODIES UNDER PCTA			
Sl. No.	Members	Country	Accepted/Deferred
PCTA			
1.	Mr. Peter S. Lee	UK	Accepted
WG-DRG			
Mr. Bernard Vincent (France), Dr. Momon S. Imanudin (Indonesia) and Dr. Irena Bondarik (Russia) are elected as Chairman, Vice Chairman and Secretary, respectively.			
2.	Dr. Ashraf El Sayed Ismail in place of Dr. M.H. Amer	Egypt	Accepted
3.	Ms. Wang Shaoli	China	Accepted
4.	Dr. Gurbachan Singh	India	Accepted
5.	Engr. Mohd Anuar Musardar Bin Yusoff in place of PH Ir. Keizrul bin Abdullah	Malaysia	Accepted
WG-SDTA			
Dr. Hajime Tanji (Japan) is elected as Secretary.			
6.	Dr. Hajime Tanji (Japan) in place of Prof. Dr. Kazuaki Hiramatsu	Japan	Accepted
WG-ENV			
7.	Engr. Syed Mansoob Ali Zaidi in place of Dr. Illahi B. Shaikh	Pakistan	Deferred
8.	Mr. W.M. Tembhurney in place of Mr. C.K. Agrawal	India	Deferred
9.	Mr. Santosh Kaini	Nepal	Deferred
10.	Dr. Mohd. Azmi Ismail	Malaysia	Accepted
WG-CAFM			
11.	Mr. R.K. Agarwal	India	Deferred
12.	Ir. Mohd Adnan bin Mohd Nor	Malaysia	Accepted
WG-CLIMATE			
13.	Mr. Dinesh Bhatt	Nepal	Deferred
14.	Ir. C.W.J. Roest	The Netherlands	Deferred
15.	Prof. Dr. Choi, Jin-Yong	Korea	Accepted
16.	Engr. Riaz Ahmad Khan	Pakistan	Deferred
TF-VE			
Dr. Kamran Emami (Iran) & Mrs. Remziye Yildiz Gulagaci (Turkey) are elected as Chair, Vice Chair respectively.			
17.	Mr. François BRELLE	France	Accepted
18.	Mrs. Remziye YILDIZ GULAGACI	Turkey	Accepted
19.	Mr. Suman Sijapati	Nepal	Deferred
WG-CROP			
20.	1. Mr. Marco Arcieri	Italy	Deferred
21.	2. Mr. Shreemat Shrestha	Nepal	Deferred

Sl. No.	Members	Country	Accepted/Deferred
WG-ON-FARM			
22.	Mr. Suman Sijapati	Nepal	Accepted
23.	Prof. Li Guangyong in place of Mr. Yan Guanyu	China	Deferred
C-PR&P			
24.	Mr. C.P. Arora (DM)	India	Deferred
25.	Mr. R.K. Gupta	India	Deferred
EB-JOUR			
26.	Dr. Henk Ritzema	The Netherlands	Accepted
27.	Prof. Leon van Rensburg (Associate Editor)	South Africa	Accepted
28.	Dr. Biju George (Associate Editor)	Australia	Accepted
29.	Prof. Dr. Joong Dae, Choi in place of Dr. Soon Kuk, Kwun	Korea	Accepted
30.	Mr. Brent Paterson (Canada) in place of Mrs. Isabelle Proulx	Canada	Accepted
WG-HIST			
Dr. Chih-Hung Tan (Chinese Taipei) is accepted as Observer.			
31.	Mr. Mirza Asif Baig in place of Dr. I.B. Shaikh	Pakistan	Deferred
32.	Mr. Basudev Timilsina	Nepal	Deferred
D. MEMBERS TO BE REPLACED/RETAINED FROM WORKBODIES UNDER PCSO			
1.	Dr. Nikolay G. Kovalev	Russia	To be replaced
2.	Dr. Hasan B. Yuksel	Turkey	To be replaced
WG-DRG			
3.	Prof. B. Maticic	Slovenia	To be retained
4.	Dr. M.N. Bhutta	Pakistan	To be retained
WG-DROUGHT			
5.	Dr. Abraham Mehrari Haile	The Netherlands	To be replaced
6.	Dr. Benjamin de León Mojarro	Mexico	To be replaced
WG-SDTA			
7.	Dipl. Ing. Bernd Probst	Germany	To be replaced
8.	Dr. E.J. James	India	To be retained

Sl. No.	Members	Country	Accepted/Deferred
WG-CAFM			
9.	Mr. Jin Soon Kim	Korea	To be replaced
WG-CLIMATE			
10.	Dr. Kim Russell	Australia	To be replaced
11.	Dr. Krishna Kumar Kanikicharla	India	To be replaced
WG-CROP			
12.	VPH Prof. B.I. Maticic	Slovenia	To be retained
13.	Prof. R.G. Allen	USA	To be retained
14.	Mr. Chen Yih-Rong	Chinese Taipei	To be retained
WG-PQW			
15.	Dr. Karim Shiati	Iran	To be retained
WG-ON-FARM			
16.	Dr. Abraham Mehari Haile	The Netherlands	To be replaced
C-PR&P			
17.	Mr. A.K. Ganju	India	To be replaced
WG-HIST			
18.	Dr. Jeong-Woo, Na	Korea	To be replaced



CONSTITUTION

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 the management of water, land and the environment, and the productivity of irrigated and drained lands through the application of irrigation, drainage and flood management 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 management 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, 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 management 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 management, 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 management and making it available worldwide;
 - (g) Addressing international problems and challenges posed by irrigation, drainage and flood management 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 management systems;
 - (j) Promotion, preservation and improvement of soil and water quality of irrigated lands.
- 2.3 The Commission will accomplish its mission by:
 - (a) Exchanging information amongst its Member National Committees and direct members in particular and with all stakeholders in general;
 - (b) Holding periodical congresses, forums and meetings, and sponsoring of conferences, symposia, workshops, exhibits, training and study tours;
 - (c) Organizing studies and experiments;
 - (d) Publishing 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 management;
- (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 International Executive Council (IEC) in accordance with the By-laws 9 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 and direct member 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 of ICID.
- 4.4 A member National Committee which fails to fulfill its obligation under Article 11.4, shall be referred to as "Associate Member".

ARTICLE (5) – DIRECT MEMBERS

- 5.1 Direct membership of the Commission may comprise:
 - (a) Individual Members;
 - (b) Corporate Members; or
 - (c) Institutional Members.
- 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 meet 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 or 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.
- 6.3 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.
- 6.4 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.

Composition

- 6.5 The Council shall consist of the Office-Bearers, as hereinafter mentioned, and one duly appointed representative from each member National Committee, other than the Associate Member (Article11). Such member National Committees, acting autonomously, may change its representative at any time it may desire. The appointed representatives of the member National Committee and the Office-bearers attending a meeting shall constitute the membership of the Council for that meeting.
- 6.6 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.

- 6.7 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.
- 6.8 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.
- 6.9 Direct members can participate in the meeting of the Council but will not be eligible to vote.

Decisions

- 6.10 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.
- 6.11 Decisions by the Council shall be taken by a simple majority of those present and voting, except when otherwise specified in this Constitution.
- 6.12 In the interest of furthering the mission and objectives of the Commission, the Council may take all such action as it may consider necessary within the framework of this Constitution.

Annual Meeting

- 6.13 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

Definition

- 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/Forum, then the term of office shall expire at the conclusion of the Congress/Forum 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 7.3 for 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.

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 shall serve for the unexpired period of office of the Vice-President whose place he/she is taking.

Irregularity of Appointment

- 7.5 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.

Appointment of Secretary-General

- 7.6 **Nomination:** The Secretary-General shall be nominated by the President, acting as Chairperson of the Management Board, and appointed by the Council.
- 7.7 **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 re-nominated for reappointment to a second consecutive term. Only under special circumstances may the Secretary-General be re-nominated to a third term.
- 7.8 **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.

Secretary-General Incapacitated

- 7.9 Should the Secretary-General become temporarily incapacitated during his/her 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/her 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 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 Article 7.15. The President shall be the Presiding Officer at a Congress/Forum 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/Forum, 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/Forum, 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/Forum.

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 Member 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 / She shall exercise overall supervision of all activities connected with the Congresses, Forums 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.

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) 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 Secretary General and under the immediate direction of the President. The Central Office of ICID shall act as an instrument for carrying into effect all decisions taken by the Council.

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.
- 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.

Documents

- 8.7 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.
- 8.8 The Central Office shall compile information, develop documents, and publish an annual report on the work of the Commission.
- 8.9 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 Member National Committees and direct members as decided by IEC.
- 8.10 The Central Office shall 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.
- 8.11 The Central Office shall arrange interchange of documents and other information among Member National Committees and direct members, and do all such acts as may be directed or approved by the Council to promote the objectives of the Commission.

Library

- 8.12 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

- 8.13 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/Forum

- 9.1. The Council shall from time to time arrange Congresses, Forums, 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 Congresses and Forums, 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 or Forums. The Council shall enact By-laws or rules covering the presentation of papers to, participation at, and conduct of, Technical Sessions.

Resolutions at Congress/Forum

- 9.4 Resolutions may be presented and adopted at a Congress/Forum 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/Forum 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/Forum and Proceedings of other Technical Sessions will be published as soon as practicable after termination of the Congress/Forum 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 Member National Committees, or Company and Institutional direct members, for organizing technical meetings or conferences of regional interest by direct collaboration among Member 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, Forums, Symposia, Special Sessions, Seminars, and Committees dealing with related 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 the 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 Member 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 The Commission shall make rules to deal with the cases of non-payment of annual subscription by Member National Committees and the direct members.
- 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 be relegated to 'Associate Membership'. Such Associate Members, in addition, to the provisions in Art 11.3 above shall have no right of voting at a meeting of the Council and shall cease to be eligible to receive any document or report of the Commission, unless the Council in exceptional circumstances decides by simple majority vote to waive or postpone the application of these sanctions.

Registration Fees

- 11.5 For each Congress, forum, regional conference, technical session, international workshop or such other international activity, the Council shall, 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 objectives 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.

Financial Management

- 11.7 The fiscal year of ICID shall be from 1st April to 31st March of the following year.
- 11.8 Each year the Council will approve the budget for the following fiscal year.
- The Secretary-General shall incur within limits of the approved budget all expenditure on behalf of the Commission and shall instruct the Central Office staff on all matters concerning the current business, funds and accounts of the Commission.
- 11.9 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.
- 11.10 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.
- 11.11 The Secretary-General shall select, with the approval of the Council, a Bank or Banks for depositing the funds of the Commission. He/she shall receive all subscriptions and other monies due to the Commission.
- 11.12 The accounts of ICID shall be audited regularly in a manner to be determined by the Council.

ICID is Not-for-Profit

- 11.12 ICID is neither 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 objectives 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

- 11.13 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

- 11.14 Any Associate Member or direct member which 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 Member 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 feels 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 Member 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 Member 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 member 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.



BY-LAWS

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, and 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), and 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 it's 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.
- (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 the seniority shall be decided 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 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) Board/Special Committee/Sub-Committee 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 Groups constitute the key mechanism to accomplish the mission of ICID by providing the platform to carry out its objectives for pooling international knowledge, addressing international problems, facilitation of the international inputs required by the developing countries and exchanging information among National Committees.
- (d) Work Team or a Task Team can be set up where a short duration task (spread over a period of not more than three years) is to be completed by a select small group of individuals.
- (e) Task Force can be set up 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.

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

3.4 Members of Work Bodies:

- (a) The Working Groups shall comprise of experts/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. All such nominations shall be submitted to the Council for its consideration, approval or modification. Direct members and observers may participate in the meetings of the work bodies.
- (b) For Work Team/ Task Team/ Task Force the 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.
- (c) All members shall carry out their functions in ICID on an honorary basis.

3.5 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 on the recommendations of the

Chairman of the work body. For a wider representation of countries in a workbody, not more than two nominations from one country shall be accepted, provided one of the two nominees is a young professional.

3.6 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.

3.7 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.

3.8 Permanent Committees

3.8.1 General

- (a) 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.
- (b) 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.
- (c) 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.
- (d) 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.
- (e) 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.
- (f) Honoraire Office-Bearers willing to participate in the activities of work bodies may do so as Honoraire Members in addition to the regular members.
- (g) The Chairperson of a Permanent Committee may designate Rapporteur(s) from amongst members for reporting on the matters dealt with by the Committee.
- (h) Each Permanent Committee may itself elect its Vice-Chairperson, and its Secretary for drafting the minutes of its meetings.
- (i) 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 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.

3.9.3 The Permanent Finance Committee (PFC)

- (a) **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 have a Sub-Committee to consider

the applications of direct members and review the membership of the National Committees in arrears of subscription.

- (b) 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.

3.9.4 **The Permanent Committee for Technical Activities (PCTA)**

- (a) **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 making recommendation on the setting up of new Working Groups or continuation of the existing Working Groups under it, the activities of the technical work bodies, for the selection of the Questions/Themes for the Congresses/Forum, 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.
- (a) 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.
- (b) 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.
- (c) The role and responsibility of the Strategy Theme Leaders shall be as follows:
 - (i) To coordinate the activities of the Workbodies coming within the ambit of assigned strategy theme.
 - (ii) To suggest to PCTA new items of work that may be taken up by the existing workbodies.
 - (iii) To suggest formation of new Workbodies to study the hitherto uncovered aspects/issues relating to the particular strategy theme.
 - (iv) To recommend to PCTA inter- Workbody mechanisms on aspects/issues requiring joint study, and to facilitate such co-operations.

3.9.5 **The Permanent Committee on Strategy and Organization (PCSO)**

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

- 3.9.6 **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.

- 3.9.7 **The Staff Committee** shall be headed by the President with other members as designated by the Management Board to 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.
- 3.9.8 **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 / She 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.

3.10 Temporary Work Bodies

- 3.10.1 Temporary work bodies such as Working Groups, Work/Task Teams, Task forces, Focus/ Regional groups, may be established within a specific area of study consisting of members nominated as given in By-law 3.5 by the Executive Council in pursuance of Article (6.8) of the Constitution. Their mandate and composition shall be defined and modified as necessary by the Council. Temporary Work Bodies are established with a clear mandate and with an objective to generate outputs to share with the irrigation experts beyond the work bodies themselves.
- 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 after considering the recommendations of the concerned permanent committee. Duration of the membership of a workbody is expected to be six years or less.
- 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. The members of the temporary work bodies by themselves designate their Chairpersons, Vice-Chairpersons and Secretaries.
- 3.10.4 The Chairpersons of the temporary work bodies will, in principle, be invited as ex-officio members to the meeting of the Committee or the Permanent Committee to which the work body is linked.
- 3.10.5 The Chairpersons of the temporary work bodies shall submit, reports on the possible changes in the membership of the work bodies and the activities of their work bodies including, if relevant, proposals for holding Workshops/Seminars to present their Group's findings, once a year at the meetings of the permanent committees to which the workbody belongs. The Chairpersons of the concerned Permanent Committees may present recommendations from these reports at the Council meeting.
- 3.10.6 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.
- 3.11.2 In addition, the President will allocate in consultation with the Secretary-General specific functions to the Vice-Presidents. 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.
- 3.11.3 Notwithstanding the generality of the foregoing, the Vice-Presidents may be assigned any of the following duties by the President:
- (a) 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.
 - (b) To act as the Strategy Theme Leader in accordance with the By-law 3.9.8.
 - (c) Have contact, meetings and if possible visit and participate in the activities of National Committees in his/her region every year, review the setup of the National Committees, and guide them for evolving a broad-based structure as a Non-Governmental Organization.
 - (d) 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.

- (e) Promote regional cooperation amongst the National Committees through developing regional collaborative programmes.
- (f) Promote international programmes in irrigation and drainage by/for the National Committees.
- (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.

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 Termination of Duties

When any Committee or other workbody 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, to the National Committees, direct members 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 Contents 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 National Committees or Direct members 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 and the report and recommendations of the Management Board.
- (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 Special Constitution Committee 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 / WIF.
- (h) Election of Office-bearers.
- (i) Report and recommendations of the Management Board

4.1.3 At ordinary meetings of the Council during the years where Congress and World Irrigation Forum are not held, 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

4.2.1 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.

4.2.2 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.

4.2.3 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) – PARTICIPATION IN AND INVITATION FOR WORLD IRRIGATION FORUM (WIF) / CONGRESS OR A COUNCIL MEETING

5.1 Participation

Delegates of all National Committees and nominees of direct members (Corporates and Institutions) are entitled to participate in every Council meeting, Regional Conference, World Irrigation Forum (WIF) and Congress.

5.2 Invitation

- 5.2.1 A National Committee wishing to be host to a WIF, Congress or a Council meeting or Regional meeting/conference shall extend an invitation, addressed to the Council, well in advance of the scheduled year of the proposed WIF/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/WIF must normally be decided at least four years in advance and that of a Council meeting 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, WIF, 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, WIF, Council meeting, or Regional meeting/conference.
- 5.2.3 The normal meeting of the Council is always held in conjunction with and at the time of the Congress and WIF. The invitation for a Congress/WIF 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 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 proposal/invitation 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/WIF 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 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, WIF or a Council meeting.

5.5 Rotation of Venues

At the meeting of the Council, only the venues of Congresses/WIF, Council, or Regional meetings/conferences shown in the agenda circulated for that Council meeting shall be considered. 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, WIF and Council meetings in different geographical regions and in different countries within each region.

5.6 Invitation Upheld

In case a National Committee whose invitation for holding a Council meeting or other associated Conference/WIF 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 / Conference/WIF in the country of that National Committee, failing which, the Council meeting / Conference/WIF shall be held at the seat of the Central Office on dates to be fixed by the Secretary-General in consultation with the President.

5.7 Proposals for Hosting Arrangements

- 5.7.1 A host National Committee, whose invitation has been accepted by the Council for a Congress, WIF, Council or Regional meeting/conference will formulate its proposals for the exact dates, venue in the host country and detailed arrangements for the Congress, WIF or the Council or Regional conference, organizing an exhibition (if any), related study tours, and finalize these proposals, in consultation with the Secretary-General. The proposed general arrangements including the fee structure for a Congress/WIF and IEC meeting will require the approval of the Council. While preparing the proposal, the financial obligations of the host National Committee as provided in 5.8 may be kept in mind.
- 5.7.2 Fees to be charged for Congress, WIF, Regional Conference, International Workshop, International Seminar, etc. organized under the banner of ICID shall be determined by the Council while approving the proposals for the event.

5.8 Obligations of the Host National Committee

5.8.1 Financial obligations for Congress, WIF and IEC meetings:

- (a) The host National Committee shall make special contribution to the ICID general fund a share of the registration fee as stipulated in By-law 7.4
- (b) The host National Committee shall fund the WatSave awards awarded each year at the IEC meeting.

5.8.2 For a Congress, WIF, and IEC meeting: 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) 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/WIF 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/WIF, Special Session, Symposium, Seminar and International Executive Council meeting; (4) provision of French and English interpreters during the whole period of the Congress/WIF, the Council and other meetings as well as the study tours; (5) expenditure on the purchase of audio/video recording devices. The host National Committee shall also bear the expenses of interpretation in any other language other than English and French, if required by the host National Committee.
- (b) The President, the Secretary-General and two (one in case of only IEC meeting) of the Professional(s) of the Commission (but not the members of their families accompanying them) shall be exempted from paying the registration fee.
- (c) One delegate each from international organizations participating in UN-Water, up to a maximum of five, as may be approved by the Council, when invited by the ICID 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.
- (d) Provide space for display of technical matters by the member National Committees, free of cost.
- (e) Provide fifty percent waiver in registration fee to five Young Professional (below the age of forty years) participating in the event.

5.8.3 The Host National Committee shall follow the procedures accepted by the Council from time to time and set out in the “Handbook of Procedures” for the conduct of Congresses, WIF and IEC meetings.

5.9 Transactions of a Congress/Forum

5.9.1 Each participant in a Congress/Forum, and its adjunct technical sessions, is entitled to receive a set of pre-Congress/Forum Volume of the transactions containing the abstracts/papers for discussion at the Congress/Forum. The post-Congress/Forum Volume(s) of the transactions will be supplied after the Congress/Forum.

5.9.2 The procedure to be followed by the Central Office for the distribution of Transactions to intending participants in a Congress/Forum shall be as follows:

- (a) The transactions shall be made available on the website as soon as they are finalized.

- (b) As soon as the printed copies of the Transactions are ready, the Central Office shall send to each member National Committee, Corporate members and Institutional members two copies and each individual member one copy, for their record and use by surface mail.

BY-LAW (6) – PUBLICATIONS

6.1 Regular Publications

Regular publications, as decided from time to time by the Council, should be financed by ICID (Article 8.7) while 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 or paid for by a sponsor/s.

6.2 Special Publications

Apart from the publications mentioned in By-law 6.1, all other publications shall be termed Special Publications (comprising Congress/Forum Transactions 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:

- (a) All National Committees: subject to the provision of Article 11.4 of the Constitution, shall receive all regular and special publications
- (b) Direct members: shall receive one copy each of regular publications.
- (c) Host National Committee of a Congress/Forum: Ten sets of Transactions of the Congress/Forum including regularly scheduled Technical Session at Congress/Forum held along with it.
- (d) Office-bearers: A copy each of all publications.
- (e) Past Office-bearers except from those countries who have become Associate Member: A copy each of the ICID /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 based on 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 Articles published in the ICID Journal etc. (ii) A copy each of the ICID Journal in which the paper or article has been published.
- (h) Authors or editors/compilers of special publications: One copy of special publications to each.
- (i) General Rapporteurs and Panel Experts (Congress/Forum): One copy of the concerned Question/Theme Transactions.

6.4 Sale Price

- 6.4.1 The sale price of all ICID 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.

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) –FINANCE

7.1 Currency

The rates of annual subscriptions to be contributed by the member National Committees are decided from time to time by the Council based on the recommendations of PFC and set out in the Handbook of Procedures, in U.S. dollars, or any other currency, keeping in view the annual ordinary expenditure of the Commission.

7.2 Withdrawal from membership

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.

7.3 Appointment of Statutory Auditor

- 7.3.1 A Statutory Auditor, who should be a member of the Institute of Chartered Accountants of India (ICAI), shall be appointed by the International Executive Council for a period determined by it but not exceeding three years term subject to a maximum of two terms.
- 7.3.2 If the Statutory Auditor ceases to hold the membership of the ICAI, his/her tenure of office as Statutory Auditor shall thereupon be terminated. The Statutory Auditor may not otherwise be removed during his/her tenure of office, except by the IEC.
- 7.3.3 Subject to any special direction of IEC or the MB, each audit which the Statutory Auditor is required to make shall be conducted in accordance with the Terms of Reference set out in the Annex to these rules. The Statutory Auditor shall be completely independent and solely responsible for the conduct of the audit.
- 7.3.4 IEC and the MB may request the Statutory Auditor to perform certain specific examinations and to issue separate reports on the results.
- 7.3.5 The Secretary General shall provide the Statutory Auditor with the facilities required for the performance of the Audit.

7.4 Monetary obligations of the National Committees hosting the ICID Forums, Congresses, Conferences and Workshops

- 7.4.1 The host National Committee shall make special contribution to the ICID budget the following portion of the total registration fee received from all participants, including the nominal value of free registrations granted by the organisers, but excluding fees for non-participant accompanying persons received from the events: and:
 - (a) 35% share of registration fees for the Congress and Forums,
 - (b) 15% share of registration fees for the IEC meeting,
 - (c) 5% share in case of a separate Regional Conference, Micro irrigation symposium, and International Drainage Workshop approved by IEC where ICID logo or banner was used.
- 7.4.2 The host National Committee shall make the payment to Central Office within 3 months after conclusion of the event, as far as possible.
- 7.4.3 The host National Committee, in addition, shall provide certain facilities and concessions as decided by the Council from time to time and listed in Handbook of Procedures to facilitate the successful conduct of events.

7.5 Financial Rules and Regulations

- 7.5.1 The International Executive Council shall adopt appropriate financial rules and regulations in accordance with requirements under Societies Registration Act, India.

BY-LAW (8) – CONDUCT OF TECHNICAL SESSIONS**8.1 Guidelines**

The Council shall lay down guidelines on the conduct of Congress/Forum and other ICID events such as WIF, Regional Conferences, IEC meetings including its technical sessions, special sessions, workshops, symposia and seminars and made available as part of the Handbook of Procedures. 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 The form of application to be submitted by the countries desirous of becoming a member shall be as determined by the Council and set out in the Handbook of Procedures. It must be filled in and signed by the Chairperson of the National Committee (if formed) or the competent authority of the Government, prescribed by the Council. 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.

- 9.2** The forms to be filled in by the potential direct members shall be as prescribed by the Council and modified from time to time and set out in the Handbook of Practices.

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

10.1 Purpose

ICID encourages the participation of non-members in Congress/Forum, 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 as determined by the IEC.
- (b) Non-members may submit papers for discussions at a Congress/Forum provided the papers are accepted by the Review Committee / Central Office and processed according to the accepted procedures.

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 AND DIRECT MEMBERS IN ARREARS

13.1 Two Years in Arrears

Member 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

- 13.2.1 In case of non-payment of annual subscription for a period of three years or more, the member NC shall be designated as "Associate Member", provided that before reaching such decision the Council shall have given an opportunity to the NC to clear the arrears of subscription by a specified date.
- 13.2.2 The National Committees in arrears for three years or more (excluding the current year) shall be subject to the following sanctions, unless the Council in exceptional circumstances decides by simple majority vote to waive or postpone application of these sanctions:
 - (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, as an Associate Member, be required to pay registration fees as non-members for attending IEC meetings, Regional Conferences, Congresses/Forum at an enhanced registration fee to be determined by the IEC.

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 of 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:

An Associate Member 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 as a member. These arrears are to be paid in not more than five equal installments beginning in the year of relegation to Associate Membership. However, the NCs from Least Developed Countries will be exempted from paying the arrears for reviving their membership.



**List of Participants at the
64TH INTERNATIONAL EXECUTIVE COUNCIL (IEC) MEETING
5 October 2013, Mardin, Turkey**

(i) OFFICE BEARERS**President**

Dr. Gao Zhanyi (China)

Vice Presidents

Dr. Ragab Ragab (United Kingdom)

Engr. Husnain Ahmad (Pakistan)

Engr. Chaiwat Prechawit (Thailand)

Prof. Tai Cheol, Kim (Korea)

Engr. Adama Sangare (Mali)

Dr. Gerhard Backeberg (South Africa)

Engr. Laurie C. Tollefson (Canada)

Dr. Hüseyin GÜNDOĞDU (Turkey)

Secretary General

Er. Avinash C. Tyagi, ICID (India)

(ii) CHAIRPERSONS OF PERMANENT COMMITTEES

Vice President Hon. Dr. Saeed Nairizi, PFC (Iran)

Vice President Hon. Mr. Felix B. Reinders, PCTA (South Africa)

Vice President Hon. Dr. Ragab Ragab, PCSO (United Kingdom)

(iii) PAST PRESIDENTS

Prof. dr. Ir. Bart Schultz (The Netherlands)

Mr. Peter S. Lee (United Kingdom)

(iv) PAST VICE PRESIDENTS

Dr. Willem F. Vlotman (Australia)

Dr. Hafied A. Gany (Indonesia)

Mr. Shinsuke Ota (Japan)

(v) PAST SECRETARY GENERAL

Er. M. Gopalakrishnan (India)

(vi) NATIONAL COMMITTEES / COMMITTEE

Mr. V.C. Ballard	Australia
Mr. Laurie C. Tollefson	Canada
Mr. Yan Guanyu	China
Mr. Kuang-Ming Chuang; Prof. Ray-Shyan Wu	Chinese Taipei
Mr. Mati Tonismae	Estonia
Ms. Helena Aijo	Finland
Mr. Herve Plusquellec	France
Dr. Ing. Klaus Röttcher	Germany
Dr. Laszlo G. Hayde	Hungary
Dr. Gurbachan Singh	India

Dr. Mohamad Hasan	Indonesia
Mr. Mehrzad Ehsani	Iran
Mr. Kedhim M. Ahmad	Iraq
Dr. Yohei Sato	Japan
Mr. Daesu Eo	Korea
Mr. Adama SANGARE	Mali
Prof. Ir. Dr. Mohd. Amin bin Mohd. Soom	Malaysia
Dr. Luis Rendón Pimentel	Mexico
Er. Shiva Kumar Sharma	Nepal
Prof. (Mrs.) Charlotte de Fraiture	The Netherlands
Mr. Moussa Amadou	Niger
Dr. (Mrs.) Irena G. Bondarik	Russia
Mr. Felix Britz Reinders	South Africa
Mr. Lertviroj Kowattana	Thailand
Mr. Yakup BASOGLU	Turkey
Prof. Peter Kovalenko	Ukraine
Mr. Peter S Lee	United Kingdom
Mr. Larry D. Stephens	USA
Prof. Victor A. Dukhovny	Uzbekistan

(vii) OBSERVERS

Mr. Abdelraouf Ramadan Eid	Egypt
Mr. Homan Khaledi	Iran
Mr. Masao Miyazaki	Japan
Waloo Ojeda	Mexico
Mr. Uttam Raj Timilsina	Nepal
Leon Wijnker	The Netherlands
Dr. Somkiat Prajamwong	Thailand
Mr. Ahmet Seren, Dr. Aynur Fayrap; Mrs. Serpil Koylu	Turkey



**Follow Up on the Action Points Arising out of
Minutes of 63rd IEC Meeting**

No.	Item	Decisions	Action taken
1	Opening Remarks by the President (Para 1.4)	Irrigation Achievement Award to be presented during the World Irrigation Forum (WIF).	The World Irrigation and Drainage Award will be presented at the First World Irrigation Forum, prior to IEC.
2	Opening Remarks by the President (Para 1.5)	Initiating a Scheme for Protection of Historical Irrigation Structures	The Task Team constituted to look into the issue has submitted a discussion paper for deliberation under Agenda Item 5.2.
3	Report of the Permanent Finance Committee (PFC) (Para 4.7)	The Council approved the proposal to appoint 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.	M/s. Sunil Goel and Associates did not agree to the terms and conditions set out by SG, therefore M/s A. Abhyankar and Company, Chartered Accountants were appointed as Statutory Auditors.
4	Report of PFC (Para 4.8)	The Council noted 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.	Brought to the attention of Special Committee who has made suitable insertions in the proposed amendments to Constitution & By-laws to be considered under Agenda Item 6 of IEC.
5	Resolution IEC-1/63/ (Sr. No.8)	The Council authorized the MB to approve the fee structure for the 64 th IEC and WIF at Mardin, Turkey in October 2013 and for the 22 nd Congress at Gwangju, Korea in September 2014	Based on the detailed financial proposals for 64 th IEC &WIF in Mardin from TUCID the President, on behalf of MB agreed to the Fee structure presented at the Steering Committee of WIF1. Fee structure for the 22 nd Congress will be considered during PFC meeting.
6	Report of PCSO (Para 5.7)	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 64 th meeting of IEC.	TUCID is organizing the First World Irrigation Forum contiguous with the 64 th IEC meeting.
7	Report of PCTA (Para 6.4)	The Council decided to set up a new Task Force under the chairmanship of VPH S Ota to work on contributions of ICID to WWF-7.	The new TF on WWF-7 will be organizing its first face to face meeting during the pre-council meetings.
8	Report of PCTA (Para 6.5)	The Council approved the proposal to continue to publish the <i>Irrigation and Drainage</i> for a further period of 5 years starting January 2014 with M/s Wiley-Blackwell.	New agreement has been signed with M/s. Wiley-Blackwell for a further period of five years, effective from January 2014.
9	Report of PCTA (Para 6.6)	The Council accepted the recommendations of PCTA to rename the Micro-Irrigation Congresses (MIC) as Micro-irrigation Symposium.	NCs have been invited to host 9 th Micro-irrigation Symposium (MIS).

No.	Item	Decisions	Action taken
10	Resolution IEC-2/63	It was decided to establish a Task Team to further elaborate, the Concept Note on "Intensification of Irrigation and Drainage Research to Achieve Global Food Security", in the form of a 'program document' under the chairmanship of PH Chandra Madramootoo.	The Task Team was established to further elaborate the Concept Note with PH Chandra Madramootoo as Chair. Report of the TT is awaited.
11	Resolution IEC-2/63	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	The Sub-Committee was constituted under the chairmanship of VPH Dr. Nairizi which has submitted its report that would be discussed under Agenda Item 3 of PFC.
12	Resolution IEC-2/63	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.	A Steering Committee under the co-chairmanship of President Gao Zhanyi and TUCID Chair Mr. Akif Ozkaldi was constituted. This committee was assisted by International Technical Advisory Committee chaired by PH Bart Schultz for guiding the WIF1 preparations.
13	Broadbasing of ICID Membership (Para 8.6)	The Council decided that the Direct Members will be provisionally admitted based on the approval of the sub-committee of PFC.	Sub-Committee for Direct Membership Administering was constituted committee under PFC whose report will be considered under Agenda Item 2 of PFC.
14	Resolution IEC-3/63	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 64 th meeting,	Will be taken up after more experience is gained, but prior to 22 nd Congress.
15	Resolution IEC-3/63	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.	-do-
16	Resolution IEC-3/63	The Management Board to set up a Marketing Team to advise the Secretary General in starting the membership drive	The Marketing Team constituted for the purpose is yet to organize its first meeting.
17	Resolution IEC-3/63	The Secretary General to circulate the note prepared by PH Peter Lee on the broadbasing the NCs to all the NCs	Peter Lee Committee Report has been circulated to all NCs with the request to update/prepare their constitutions and broadbase their membership.
18	Presentation on the Strategy Theme - Systems	The Council decided to constitute a Task Team 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 under the chairmanship of VP Backeberg will present his report under Agenda Item 5.
19	Any Other Business (Para 14.3)	The Council decided to set up a Constitutional Review Committee	The Special Committee on Amendments to Constitution and By-laws will present its report under Agenda Item 6.



Mardin Forum Statement



Preamble

The First World Irrigation Forum was held between 29 September and 3 October 2013 in Mardin, Turkey. The Forum was organised by the International Commission of Irrigation and Drainage (ICID) and the Turkish National ICID Committee (TUCID) in cooperation with an impressive number of International and National Partners. About 750 participants from 61 countries and 12 International Organisations attended the Forum.

The main theme 'Irrigation and drainage in a changing world: Challenges and opportunities for global food security' recognizes that for sustainable agricultural water management an in-depth understanding of the implications of population growth, changing demographics due to urbanisation, and more frequent extremes due to climate change on agricultural water management is required to ensure growth in Global Food Production matches demand. Agricultural water management, especially irrigation, will contribute to sustainable intensification of cultivable lands, within the resilience of ecosystems, and where applicable with rehabilitation of degraded ecosystems. To meet these aspirations under the increasing food demands in the 21st Century requires review, adaptation and modernisation of policies, technologies and management practices under the constraints of finite natural resources - both land and water - and competition among sectors.

Within the context of the Main theme, more than 186 papers, short communications and posters were presented and discussed under three Sub-themes: (1) Policy, Science and Society Interactions; (2) Challenges and Developments in Financing Irrigation and Drainage Sector; (3) Integrated Water Management Approaches for Sustainable Food Production. In addition to the thematic sessions there were: (i) three workshops: Water Wisdom and Sustainability, Developing Management Strategies for Coping with Drought and Water Scarcity, and Management of Water, Crops and Soils under Climate Change; (ii) two Round tables: Policy, Stakeholders; (iii) two Panel discussions: Farmers, Industry; (iv) 23 Side events; and (v) an Exhibition.

As a result of the presentations and discussions at the World Irrigation Forum, the following statements were agreed:

- (i) Development of civilization over the past 5,000 years is closely adjoined with water management problems that have shaped societies and their structures. In the course of the centuries, systems and methods worked out under the various conditions have conclusively demonstrated their pertinent sustainability. Today, the knowledge and structural remains of these methods are not only interesting archaeologically, ecologically and historically, but can also help to solve current problems. The Mardin area shows us an impressive proof of this.
- (ii) As water is becoming an increasingly valuable and vulnerable resource, it needs to be acknowledged that generally water will need to be managed in a better way. This may require revision of water related policies at all levels. Regional water scarcities and environmental requirements need to be considered in developing such policies. Therefore, effective cooperation among the various stakeholders: government authorities, research institutions, managers of irrigation systems, civil societies, local communities, NGO's, businesses etc. needs to be promoted. This will speed up the development and implementation of effective and sustainable water solutions. Water can be an element of cooperation between riparian countries and needs to be treated as such.

- (iii) Irrigation water delivery is a service to users. High quality and reliable service is a condition for adoption of advanced farm practices by the farmers. Irrigation and drainage face many challenges, but also provide the foundation to maintain global food security. Modernization and improvement of irrigation is occurring worldwide at varying rates and degrees. Much is being accomplished through innovation and technical advances. However, technology alone will not resolve the issues of water and food security. Informed policies, financial management, reorientation of institutions, awareness of local communities and transparent governance require innovation and advances to respond to challenges.
- (iv) Government institutions have central roles to facilitate interaction among the stakeholders in the sector and in providing the framework for agricultural water management activities. They need to assess the needs and roles of different actors, especially of the new generation professionals. If necessary, adjust legislation accordingly and arrange to collect relevant data.
- (v) In the planning and design of water management systems adequate attention needs to be given to how water management activities can most effectively be integrated with farming practices, recognizing the multiple uses to which such infrastructure is put and the broad spectrum of services that agricultural water management systems support. This recognition may also provide new opportunities for financing agricultural water management.
- (vi) The agricultural sector is the principal water user. Therefore, use of equipment and techniques that enable effective use of water in agriculture need to be among the primary targets for ensuring food security of an increasing world's population. As presented in the short communications, side events and in the exhibition it is not only innovative modern technologies, but also proven traditional technologies that will play an important role in obtaining optimal benefit of the limited water resources. Information on these options needs to be made publicly available through effective extension services. Capacity building components at various levels need to be included in agricultural water management programmes.
- (vii) Financial institutions need to give priority to countries/stakeholders which need agricultural water management schemes, and to support national and regional development with suitable financing mechanisms. A range of financing models have already been developed and tested for the agricultural water management sector. Some of these models have proven to be successful whereas failures have occurred in other cases. It is recommended that suitable models will be selected, further tested and evaluated for different local conditions.
- (viii) The concept of sustainability cost as described in the position paper of ICID on Irrigation and Drainage Services: Some principles and Issues towards sustainability (Tardieu, 2005) deserves wider application in practice.
- (ix) The impact climate change may have on water resources, food and feed production is widely recognised. The change in rainfall patterns and increase in temperature may decrease river flows and reservoir storage, increase evapotranspiration and subsequently increasing water demand for agriculture. Risk analysis and vulnerability assessments on the occurrence of extreme events are needed to enable better management of water demand and supply. Adaptation to climate change by proactive approaches, including better prediction and early warning, reduction of water losses, application of highly efficient irrigation systems, cultivation of drought tolerant varieties, (re)use of low quality and waste water, improved land management and methods of cultivation, appropriate policies for water supply and demand management during extreme events, and concerted efforts to raise farmers awareness of the climate change impacts and the provision of guidelines for farmers on how to cope with changing climate conditions.
- (x) It is important that the Forum results are also made available to farmers, who are the managers of water in the lower distribution system and on-farm.

We hope that by the time of the Second World Irrigation Forum it can be reported that water management for global food production has been such that there is sufficient food for the expected World Population of almost 7.5 billion at affordable prices and that a significant reduction of undernourished people has been achieved.

The participants thank the Government of Turkey and the Turkish National ICID Committee (TUCID) for their initiative and hospitality, as well as the sponsors for their contribution in hosting this highly important First World Irrigation Forum.

Mardin, Turkey
Tuesday 1st October 2013



**Minutes of the 34th Meeting of the
PERMANENT FINANCE COMMITTEE (PFC)
03 October 2013: 09.00-10.30 hours (Session I)
03 October 2013: 11.00-12.30 hours (Session II)
Mardin, Turkey**

Mandate: The Permanent Finance Committee (PFC) shall be concerned with the financial matters of the Commission and matters having significant financial implications. It will review the receipts and expenditures, 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 the 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.

Members Present: (1) VPH Dr. Saeed Nairizi, Chairman (Iran, 2006); (2) Mr. Akira Nakazawa (Japan, 2009); (3) PH Prof. dr. Bart Schultz (The Netherlands, 2011); (4) Ms. Serpil Koylu Dalgın (Turkey, 2012); (5) Mr. Sergiy N. Gurjavech (Russia, 2012) represented by Dr.(Mrs.) Irena G. Bondarik; (6) Mr. Hao Zhao (China, 2012) represented by President Dr. Gao Zhanyi; and (7) Er. Avinash C. Tyagi, Secretary General, ICID.

Observers Present: (i) President Hon. Peter Lee (UK);(ii) Vice President Dr. Hüseyin Gundogdu (Turkey); (iii) Vice President Laurie Tollefson (Canada); (iv) Vice President Husnain Ahmad (Pakistan); (v) Dr. Gurbachan Singh (India); (vi) Mr. Masao Miyazaki (Japan);(vii) Mr. Kotaro Mizoguchi (Japan); (viii) Mr. Daesu Eo (Korea, Rep. of); (ix) Mr. Young D. Kin (Korea, Rep. of); (x) Mr. Ji Hwan Yeo (Korea, Rep. of); (xi) Mr. Alexander Posusyui (Russia); (xii) Mr. Andrey Reshetov (Russia); (xiii) Mr. Inderlrmzk Benli (Turkey); and (xiv) Mr. Hasan Basri Yuksel (Turkey).

PFC Minutes Item 1: Review of the Membership of the Committee

1. The Permanent Finance Committee noted that according to By-law 3.9.5, PFC shall comprise of a minimum of nine members and a maximum of 15 elected members and the Secretary General. Presently there are 10 members including SG. The Committee recommended that Dr. James Ayars, Vice Chairman of the Committee is completing his six-year term and should cease to be a member as per ICID By-law 3.8.3. The Committee accepted the nomination of VP Laurie Tollefson from Canada as a member and chose him as the Vice-chair of the Committee. It was hoped that Mr Tollefson would be able to take up as the Chair of the Committee after the present chair VPH Dr Nairizi completes his extended term at the end of 65th IEC in Gwangju, South Korea in September 2014. Members expressed their concern at the general lack of interest in participating in the activities of the Committee and recommended that IEC should urge upon the NCs to nominate members to participate in PFC.

PFC Minutes Item 2: Report of the Direct Membership Administering (DMA) Sub-Committee

2. It was recalled that after the decision of IEC in its 63rd meeting to open its membership to corporates, institutions and individuals, IEC had established the Direct Membership Administering (DMA) Sub-Committee and adopted the procedure as laid down in the Guidelines for Administering Direct Membership (Annex R 3.3 of Minutes of 63rd IEC Meeting).

3. SG explained that the Central Office had simply advertised the opening of Direct Membership through various channels such as letters, e-Bulletin, ICID Website, News Update, ICID News and ICID Journal and invited the prospective direct members for the membership of ICID in various categories, without using an intensive marketing strategy.

4. The Committee was informed by Secretary General that so far fifteen applications have been received; out of which only six were received in complete form along with direct membership subscriptions as applicable to their respective categories. The applications of these six applicants were sent to their respective National Committees for 'No Objection (NOC)' from them for granting provisional direct membership. After receiving NOC from respective NCs, their applications were sent to the Direct Membership Administering Sub-Committee for final scrutiny before admitting them as provisional direct members. The Committee was informed that the DMA Sub-Committee has granted provisional membership to the following six. The PFC recommended IEC for acceptance of the following as Direct Members of ICID.

Sl. No.	Name of Applicants	Country	Category of Countries	Type of Membership Applied for
1.	India Water Foundation (IWF)	India	Developing	Institution
2.	WAPCOS Limited	India	Developing	Company
3.	SU/YAPI Engineering and Consulting Inc.	Turkey	Developing	Company
4.	Mr. M. Gopalakrishnan	India	Developing	Individual (Retiree)
5.	The KAITEKI Institute, Inc. (TKI)	Japan	Developed	Institution
6.	Mr Basheer Ahmed	India	Developing	Individual (Retiree)

5. PFC noted that there have been requests from the individual members to make a provision of life membership as this is likely to save the individuals as well as the CO from paperwork. PFC, therefore, recommended that DMA sub-committee should study the fee structure options for making provisions of life membership for the individuals in the rules of Direct Membership and present it at the next PFC.

PFC Minutes Item 3: Report of the sub-Committee to consider suggestions made by PCSO and concerned workbodies

6. PFC recalled that a sub-committee was constituted to consider the suggestions made by PCSO during the 63rd meeting of IEC, which had financial repercussions. The sub-committee was headed by Chair of PFC with Chair of PCSO as one of its members. Some of these recommendations have been submitted to the Special Committee to review changes in Constitution. The Committee considered the report of the sub-committee and endorsed its conclusions recommending them to be suitably adopted. It was clarified by the Chair that the new rates of contribution of the registration fee to the ICID Budget as proposed by the sub-Committee will be applicable for the events on which the financial decision is taken after the acceptance of the recommendations by IEC.

PFC Minutes Item 4: Review of Membership of National Committees including review the position of arrears in annual subscriptions and consequential remedial action

7. PFC was informed that since Greece has not paid their outstanding subscription dues it has been declared 'deemed inactive' with effect from 1st January 2013.

8. PFC noted that a total of 17 active National Committees who were in arrears of subscription, 6 are in arrears of subscription of two years or more. PFC recommended that Syrian National Committee be declared as "Associate Member" with immediate effect and the NCs of Afghanistan, Lithuania, and Niger, be treated as "Associate Member" with effect from 1 January 2014 if their dues are not cleared by 31 December 2013, as per by-law 13.

9. PFC also recommended to IEC for applying By-law 13 to Fiji and Ukraine National Committees by debarring them from holding office – whether it be as Office Bearer or as a member of a workbody until such time as the arrears are paid.

10. PFC noted that the NCs of Malawi, Morocco, Sri Lanka, Zambia and Zimbabwe have paid all their outstanding dues of subscription since last IEC in Adelaide and recommended them to be accepted as full Members.

PFC Minutes Item 5: Review of financial proposals for the forthcoming ICID events

11. In accordance with the ICID By-law 5, the NCs of Korea, Russia, France and Thailand were requested to present the financial proposals for the events which have been accepted for hosting during the next three years. Representatives from KCID and RuCID made presentations while the information was made available to PFC by SG on the submissions received from AEFID and THAICID.

12. KCID representative presented the details of the physical and financial arrangements for the 22nd Congress with 65th IEC and the exhibition. Members felt that the hotels recommended by KCID near the venue were very costly. It was requested that KCID may make extra efforts to arrange for cheaper accommodation in terms of three star hotels, hostel accommodation or 'bed and breakfast' type arrangements, particularly for YPs and some

developing country participants. It was clarified that the share of contribution by KCID towards the ICID Budget will remain at 50 per cent of the registration fee received.

13. RuCID made the financial proposal for 12th International Drainage Workshop in St Petersburg in June 2014 and presented the proposed fee structure which was accepted. RuCID was requested to explore the possibilities of fully exempting a limited number of YPs from registration fee.

14. PFC noted that the registration fee for the non-member countries for the WWF2 in Chiang Mai in 2016 has been kept very high as compared to the fee fixed for member countries. As the Thailand NC representative did not attend the PFC, the Committee recommended that THAICID should be requested to make a clear proposal and present it at the 22nd Congress in Gwangju positively.

15. PFC recommended IEC to approve the financial proposals of the host NCs: RuCID for 12th IDW in St Petersburg in June 2014; KCID for 22nd Congress with 65th IEC in Gwangju in September 2014; AEFID for 66th IEC in Montpellier in October 2015, duly including the fee to be charged as given below and other arrangements in accordance with By-law 5.8.

Year	2014		2014		2015	
Venue	Gwangju Rep. of Korea		St. Petersburg, Russia		Montpellier, France	
Event	22 nd Congress with 65 th IEC		12 th International Drainage Workshop		66 th IEC with European Regional Conference	
	Nos.	Rate	Nos.	Rate	Nos.	Rate
Full registration*	350	\$850	100	\$ 600	400	\$800
Non-member fee	25	\$1000	--	\$ 650	?	\$850
Young Professionals (International)	15	\$425	20	\$ 300	--	--
Young Professionals (Local)	30	\$200	20	\$ 150	50	\$400
Local/conference rate	125	\$375	10	\$ 300	600	\$200
Retired Professionals	65	\$425	20	\$ 350	--	--
Sponsor nominees	15	\$750	--	--	--	--
Total Registrations	625	--	170	--	1050	--
Concurrent tours	75	\$50	--	--	--	--
Accompanying	33	\$350	20	\$ 250	?	\$200

PFC Minutes Item 6: Review of the financial status of recently held ICID events

16. The Committee appreciated the financial contributions made by Mali (US\$ 4,252), Egypt (US\$ 1,673) and Australian (US\$ 54,626) NCs towards the budget of ICID from the share of the registration fee of the events hosted by them during the financial year 2012-13.

PFC Minutes Item 7: To discuss the audited accounts of ICID for the year 2012-13 and recommend to the IEC

17. The PFC noted that instead of M/s Sunil Goel and Associate, M/s A. Abhyankar and Company were appointed Statutory Auditors for the three year period from 2012-13 to 2014-15.

18. PFC noted that the Foreign Currency Accounts with Canara Bank, New Delhi (one in US\$ and another in Euro) and HSBC Bank plc. London were also audited and incorporated in the audited account of the Commission for the financial year ending 31 March 2013. The Committee was informed that only a minimal amount has been kept in the foreign currency accounts in accordance with the Foreign Exchange Regulation Act and also taking account of the good exchange rate available. The Committee was informed that the Statutory Auditors have raised certain questions regarding continuing to maintain the account in HSBC London without making it as an observation. SG informed that the Auditors have been requested to provide more clarity on the rules in this regard.

19. The Receipts and Payment Account of the ICID Employees Provident Fund Trust for the years 2009-10 to 2012-13 were also audited. The amount standing at the credit of the subscribers (staff) as on 31 March 2013 was Rs 29,062,256.

20. PFC considered the report of the Auditor M/s A. Abhyankar and Company as presented in **Annex R1.3**, page 17 for the FY 2012-13 in respect of ICID and recommended that it be approved by IEC. While discussing the report PFC recommended that the Dictionary Fund, the Gratuity Fund and Superannuation Fund be merged with the General Fund.

PFC Minutes Item 8: Budget and expenditure for the financial year 2012-13

21. Based on the report of the Auditor, the Committee recommended that the expenditure for the financial year 2012-13 as reported in **Annex R1.4**, page 20 may be approved.

22. The Committee noted that there has been an improvement in the realization of the annual subscription for the calendar year 2012 and also remittance of arrears of subscription due to the members for the past years which has increased the total income from subscriptions. It also noted that during this financial year there has been an increased realization of income in Rupee terms (under the head 'other incomes') due to the better exchange rate realized. Overall, SG informed, an additional income of Rs. 4.25 million has been generated during the FY 2012-13. The Committee recorded its appreciation to CNCID for the grants provided for specified activities of ICID.

23. The Committee also noted that the Land and Development Office was yet to raise invoice for the tax due to them as part of the rent received by ICID during the last nine years, which amounted to Rs 10.2 million as of 1st January 2013. As a result the tentative provision of Rs6 million made for this payment in the budget of 2012-13 could not be affected. Further, an additional expenditure of Rs. 2.2 million was approved by the Management Board for the year 2012-13 as part of the revised budget to take up the rehabilitation and refurbishing of the Central Office building in its virtual meeting of 15 February 2013. Due to the above the year 2012-13 resulted in a surplus of Rs 1.9 million.

24. The Committee recommended for approval the Revised Budget 2012-13 as given in **Annex R1.2**, page 16.

PFC Minutes Item 9: To consider the revised budget for the current financial year 2013-14

25. The Committee was informed that a receipt of Rs 23.54 million is anticipated during 2013-14 from the leasing of office premises at the Central Office building to M/s Yes Bank Ltd. The higher provision as compared to the earlier years is due to the fresh lease agreement negotiated with M/s Yes Bank Ltd under the guidance of Oversight Committee headed by PH Prof Chandra Madramootoo for another 9 years at an enhanced rate. The per unit rate of rent is now approximately three times the rate under the recently concluded Agreement. The Committee was informed of the additional space that can now be rented as per the new rules of Land and Development office and that the staff at the CO is now proposed to be reallocated space to spare more space for renting out.

26. The Committee was informed by Secretary General that due to the financial constraints during last decade, the annual normal maintenance could not be carried out and combined with the aging of the Structure built in 1966, the CO building had dilapidated and become unsafe for use in parts. The building requires rehabilitation and repairs without any further delay in order to avoid any mishap. SG, in consultation with the Oversight Committee proposed a phased rehabilitation over next two financial years on the following aspects for which financial provision has been made in the revised budget for 2013-14 and budget for 2014-15:

27. Replacement of rusted steel windows and relaying of the water supply system in the western block of the building;

- (a) Repairs of and raising of the boundary wall of CO complex, including installation of iron gates;
- (b) Re-laying of external drainage system and driveway;
- (c) Repair of parapet walls and waterproofing the roof; and
- (d) Installation of firefighting equipment and security cameras.

28. The Committee was also informed of the additional Property Tax that will have to be paid as per the enhanced income from rent. It was brought to the notice of the Committee that the net income from the rent after deduction of the Property Tax and the Land and Development Charges is about 65 per cent of the rent at which the office space is leased. The enhanced rate of rent as per the revised budget and the additional area that could be rented from the already built up space is likely to further improve the financial position in the coming years. However, it may be pointed out that because of non-settlement of the matter with L&D Authorities, there is an

outstanding liability of around Rs 11.5 million. In addition, a provision of Rs 3.00 million is made for payment to L&D Authorities for the increased rent received, totalling to around Rs 15.00 million. However, due to the additional provisions of Rs 4.8 million for the rehabilitation and refurbishing of office building, provisions made for the outstanding Land and Development Office dues, payment of dues for the two staff members retiring, there is likelihood of a net deficit of Rs 17.4 million during the FY 2013-14.

29. The Committee considered the Revised Budget for the FY 2013-14 as given in **Annex R1.4** page 20 and recommended for its approval by IEC.

PFC Minutes Item 10: To consider the budget for the financial year 2014-15 and preliminary budgets for the year 2015-16 and forecast budget for the year 2016-17

30. The Committee considered the budget for the FY 2014-15 and Preliminary Budgets for the FYs 2015-16 and 2016-17 as presented in **Annex R1.4** page 20 and noted that there is likelihood of a surplus of Rs 9 million, Rs0.6 million and Rs6.6 million respectively. SG pointed out that the current reserves at present are only about 1.2-1.3 times the average annual budget which is not considered financially healthy and recommended that the reserves may be gradually brought to 1.5 times the annual budget by parking the surplus in reserve funds.

31. PFC agreed to gradually increasing the reserve fund and recommended for the acceptance of the budget for 2014-15, and preliminary budgets for 2015-16 and 2016-17 by IEC.

PFC Minutes Item 11: Any other items

32. PFC considered the request for waiver of sundry dues outstanding against the NCs of Hungary, Philippines and Saudi Arabia US\$ 2960, 2655 and 1535 respectively on account of old arrears. It was informed that these NCs have been paying their dues regularly except in one year in between. It also noted the requests from some deemed inactive NCs such as Tajikistan, and Uruguay to waive off their arrears to enable them to re-join ICID. The Committee recommended that keeping in view the fiscal discipline required to be maintained, such requests should be considered in exceptional circumstances on a case to case basis by the Management Board.



**Minutes of the 24th Meeting of the
PERMANENT COMMITTEE ON STRATEGY AND ORGANIZATION (PCSO)
03 October 2013: 13.30-15:00 Hours (Session – I)
03 October 2013: 15:30-17:00 Hours (Session – II)
Mardin, Turkey**

Mandate: The Permanent Committee on Strategy and Organization shall be concerned with increasing the number of member countries and assisting the National Committees to become more active in their own countries to achieve the goals set for them from time to time by the Council. The Committee will also coordinate the activities of Vice Presidents in their areas.

Members Present: (1) Vice President Dr. Ragab Ragab, Chairman (UK, 2010); (2) Vice President Hon. Dr. Willem F. Vlotman (Australia, 2009); (3) Vice President Hon. Dr. László G. Hayde (Hungary, 2009); (4) Vice President Engr. Husnain Ahmad (Pakistan, 2010); (5) Vice President Mr. Chaiwat Prechawit (Thailand, 2010); (6) Vice President Prof. Tai Cheol, Kim (South Korea, 2011); (7) Vice President Mr. Adama Sangare (Mali, 2011); (8) Vice President Dr. Gerhard Backeberg (South Africa, 2011); (9) Vice President Mr. Laurie C. Tollefson (Canada, 2012); (10) Vice President Dr. Hüseyin GÜNDOĞDU (Turkey, 2012); (11) Vice President François Brelle (France, 2012) represented by Dr. Herve Plusquellec and (12) Secretary General, ICID.

Ex-Officio Members Present: (i) Dr. Andrew Sanewe, Chairman, African Regional Working Group represented by VP Dr. G.R. Backeberg (South Africa); (ii) Chairman, Asian Regional Working Group represented by VP Prof. Dr. Tai Cheol, Kim (Korea), Vice Chairman, ASRWG; (iii) VP Prof. Dr. Tai Cheol, Kim (Korea), Chairman, Committee on Congresses/Conferences; and (iv) VPH Prof. Peter Kovalenko (Ukraine), Chairman, Working Group on Irrigation and Drainage in States under Socio-Economic Transformation.

Observers: (i) Dr. Gao Zhanyi, President, ICID (China); (ii) VPH Victor Dukhovny (Uzbekistan); (iii) SGH M. Gopalakrishnan (India); (iv) VPH Shinsuke Ota (Japan); (v) Mr. Uttam Raj Timilsina (Nepal); (vi) Mr. Morteza Yazdekhashti (Iran); (vii) VPH Hafied Gany (Indonesia); (viii) PH Peter S. Lee (UK); (ix) Dr. Daesu Eo (Korea); and (x) Mr. Moussa Amadou (Niger).

PCSO Minutes Item 1: ATR on the Minutes of the 23rd Meeting of PCSO, Adelaide, 26 June 2012

1. The Committee noted the ATR and expressed satisfaction that more than 90 percent of the decisions had been followed up to their conclusion.

PCSO Minutes Item 2: Membership of PCSO and Workbodies

2. Based on the recommendations of the various workbodies associated with it, PCSO reviewed the membership and recommended for acceptance by IEC the changes as proposed in **Annex R2**.

PCSO Minutes Item 3: Vice Presidents' reports: Strengthening regional cooperation and activities of National Committees

3. On the regional cooperation and reactivation of NCs in the Latin American countries, VP Laurie Tollefson explained the interactions he had with the Brazilian National Committee and relayed the opportunity to organize a regional meeting at the time of an annual conference that will be taking place in Brazil late this year. The Committee considered this as an opportunity and recommended that effort should be made to organize such meetings:

4. Regional cooperation in Africa, particularly under the banner of SARIA and ARID were explained by Vice President Dr. Gerhard Backeberg.

PCSO Minutes Item 4: Membership of ICID

PCSO Minutes Item 4.1: Reactivation of National Committees (NCs)

5. VP Gerhard Backeberg and VP Adama Sangare reported on the efforts being made by them in Southern and Eastern Africa and West Africa respectively to reactivate the National Committees. They reported that few more NCs such as Madagascar, Lesotho, Botswana, Nigeria, and Burkina Faso are expected to join ICID.

6. It was noted that some NCs from Europe are undergoing financial constraints due to ongoing European fiscal crisis and we will have to wait for them to return only after the situation improves.

PCSO Minutes Item 4.2: Progress of Direct Membership

7. The Committee noted and recommended to IEC for granting Direct Membership to the following applicants:

Sl. No.	Name of Applicants	Country	Category of Countries	Type of Membership Applied for
1.	India Water Foundation (IWF)	India	Developing	Institution
2.	WAPCOS Limited	India	Developing	Company
3.	SU/YAPI Engineering and Consulting Inc.	Turkey	Developing	Company
4.	Er. M. Gopalakrishnan	India	Developing	Individual (Retiree)
5.	The KAITEKI Institute, Inc. (TKI)	Japan	Developed	Institution
6.	Mr. Yeruru Abdul Basheer	India	Developing	Individual (Retiree)

8. The Committee further recommended that DMA Sub-committee should be requested to look into the requested arrangements for "life membership" for the individual members.

PCSO Minutes Item 5: Organizational issues related to IEC, Congresses, Forums and Conferences

9. The Committee considered the recommendation of the Review Committee to include the Guidelines in "ICID Handbook of Procedures" and to make it available at the 'Members Only' web pages of ICID and endorsed the recommendation to IEC for acceptance.

PCSO Minutes Item 6: World Irrigation Forum

10. The efforts of TUCID in organizing WIF at such a short notice in such a remote location were applauded. However, it was suggested all the events connected with WIF should be organized within single premises if possible. It was felt that the World Irrigation Forum should be distinguished from the Congress and that it should lay emphasis on political process, particularly through Ministerial meeting, which should be planned well in advance. It was suggested that there should be more of debate and discussions than the paper presentations. The NCs could organize a similar activity within their countries to feed into WIF. The Committee recommended that a Task Team or Sub-committee should be set up to review the structure of the World Irrigation Forum format.

11. The Committee recorded its appreciation to TUCID for organizing the first WIF and CNCID for sponsoring the first World Irrigation & Drainage Prize 2013 Prize of US\$10000. The Committee congratulated VPH Prof. Dukhovny, the first winner of WID Prize 2013 and also appreciated the efforts of Jury chaired by PH Lee for the Award.

12. The Committee recorded its appreciation for the Ministry of Water Resources, People's Republic of China for supporting the prize. It noted that a Task Team would be set up to established a Trust Fund to make the WID Prize more sustainable.

PCSO Minutes Item 7: Collaboration and Cooperation between ICID and other International Organizations

13. The Committee expressed its satisfaction that the collaboration with other international organization is being now established on an equal level duly taking into account the role and mandate of the participating partners. It noted the salient features of MoU with WMO. The Committee expressed satisfaction at the way the International Organizations had participated in the World Irrigation Forum, particularly FAO, IFAD, ADG and IWMI.

PCSO Minutes Item 8: Young Professional Mentorship Program

14. The Committee noted the YP Mentorship Program document was presented at the WG-YPF by the Secretary General and there was a tremendous interest shown by the participants. WG-YPF requested the Central Office to further develop the program.

PCSO Minutes Item 9: Review of Regional Working Groups**PCSO Minutes Item 9.1: African Regional Working Group (AFRWG)**

15. The progress on the AFRWG was presented to the Committee by VP Gerhard Backeberg in the absence of the Chair of the Group who has since resigned from ICID membership informing the selection of a new Chair of the African regional Working Group. It was informed that the Southern Africa has developed a strategy for Capacity Building Program and other sub-regions are being encouraged to do the same. The Committee appreciated the efforts and observed that other international organizations as ICID partners should be invited as far as possible.

PCSO Minutes Item 9.2: European Regional Working Group (ERWG)

16. The Committee was informed of the reorganization of the various task teams and WGs and that the new WGs are proposed to be more focused. Chair VP Lazlo Hayde expressed his desire to retire from the Group.

PCSO Minutes Item 9.3: Asian Regional Working Group (ASRWG)

17. The activities of the ASRWG were presented by its Vice Chair VP Prof. Kim, Tai Cheol. The Committee noted the wide ranging collaboration activities that were being undertaken by the Group. It also noted the desire of the Group to get North Korea involved in its activities. Various MoUs signed between different NCs such as TUCID and IRNCID; CNCID and INACID were also informed.

18. VPH Dr Sato made a proposal that the Chair of the Group should be included as one of the members of TF WWF7, which was endorsed by the Committee.

PCSO Minutes Item 10: Review of Working Groups/Committees**PCSO Minutes Item 10.1: Working Group on Irrigation and Drainage in States under Socio-Economic Transformation (WG-IDSST)**

19. The Committee was informed of the efforts to strengthen the network by VPH Prof. Peter Kovalenko, Chair of the WG. The WG recommended publication of updated version of "Reforms of Irrigation in States with economy in Transition" in 2014-15 and presented a concept note, which was endorsed by the Committee.

PCSO Minutes Item 10.2: Working Group on Young Irrigation Professionals Forum (WG-YPF)

20. In the absence of the Chair of the WG-YPF, Secretary General briefly described the request from the Young Professionals who had participated in the WIF as to how they could directly be involved in the activities of ICID. The Committee endorsed the suggestions of the Secretary General that perhaps in the case of YPs, exception should be made and YPs should be allowed to be part of the ICID activities.

PCSO Minutes Item 10.3: Committee on Congresses/Conferences (C-CONGR)

21. The Committee considered the Report of C-CONGR presented by Chair VP Prof. Kim, Tai Cheol and noted that KCID had planned for a roundtable of about 20 sponsored participants from developing countries from Africa, Asia and Latin America.

PCSO Minutes Item 11: Any other business

22. Under this item it was clarified that the recognition of historical irrigation structures would be discussed at the PCTA along with the report of the WG-HIST and then under IEC agenda item 6.2.



**Minutes of the 33rd Meeting of the
PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)
04 October 2013: 09:00-12:30 Hours (Session I)
04 October 2013: 13:30-17:00 Hours (Session II)
Mardin, Turkey**

Mandate: The Permanent Committee for Technical Activities will 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) VPH Dr. Felix B. Reinders, Chairman (South Africa, 2010); (2) VPH Dr. Willem F. Vlotman, Vice Chairman (Australia, 2011); (3) Mr. Hasan B. Yuksel (Turkey, 2007); (4) VP Mr. A.K. Bajaj (India) represented by Dr. Gurbachan Singh; (5) Vice President Engr. Husnain Ahmad (Pakistan, 2009); (6) VPH Dr. Mark Svendsen (USA, 2010); (7) Prof. Masayoshi Satoh (Japan, 2012) and (8) Secretary General, ICID.

Permanent Observers Present: None.

Ex-Officio Members Present: (i) VP Gerhard Backeberg (South Africa), Co-Theme Leader, Strategy Theme – Systems & Chair, TF-FIN; (ii) VP Dr. Huseyin Gundogdu (Turkey), Co-Theme Leader, Strategy Theme – Systems; (iii) VP Chaiwat Prechawit (Thailand), Co-Theme Leader, Strategy Theme – Basin; (iv) VP Ragab Ragab (UK), Co-Theme Leader, Strategy Theme – On-Farm & Chair, WG-CROP; (v) VP Prof. Kim Tai Cheol (Korea), Co-Theme Leader, Strategy Theme – On-Farm; (vi) VPH Mr. Larry D. Stephens (USA), Chair, C-PR&P and Secretary, PCTA; (vii) PH Prof. Bart Schultz (The Netherlands), Chair, EB-JOUR; (viii) Dr. Kamran Emami (Iran), Chairman, WG-HIST, WG-CAFM & TF-VE; (ix) Dr. M.H. Amer (Egypt), Chair, WG-WATS represented by Mr. Mehrzad Ehsani (Iran); (x) VPH Dr. Willem F. Vlotman (Australia), Chair, WG-DRG; (xi) PH Peter S. Lee (UK), Chair, WG-POVERTY; (xii) VPH Franklin E. Dimick (USA), Chair, WG-DROUGHT represented by Mr. Mohammad Sadegh Jafari (Iran), Vice Chairman, WG-DROUGHT; (xiii) Dr. Ruey-Chy Kao (Chinese Taipei), Chair, WG-SDTA; (xiv) Dr. Sylvain Perret, Chair, WG-ENV represented by Prof. N. Hatcho (Japan), Vice-Chairman, WG-ENV; (xv) VPH Dr. Mark Svendsen (USA), Chair, WG-CLIMATE; (xvi) Dr. Samia El-Guindy (Egypt), Chair, WG-PQW represented by Dr. Ragab Ragab (UK); (xvii) VPH Mr. Felix B Reinders (South Africa), Chair, WG-ON-FARM; (xviii) VPH Dr. Shinsuke Ota (Japan), Chair, TF-WWF-7 and (xix) VP Mr. Laurie C. Tollefson (Canada) Chair, TF-BIO-ENERGY.

Observers Present: (i) VPH Prof. Dr. Victor Dukhovny (Uzbekistan); (ii) Dr. Masao Miyazaki (Japan); (iii) Dr. Gao Zhanyi (China), President, ICID; (iv) SGH Mr. M. Gopalakrishnan (India); (v) Dr. Daesu Eo (Korea); (vi) Dr. Mohammad Javad Monem (Iran); (vii) Dr. Ding Kun Lun (China); (viii) Dr. Gholam Reza Khazeh Sahouti (Iran); (ix) Dr. Yong Jig Lee (Korea); (x) VP Dr. Husnain Ahmad (Pakistan); (xi) VPH Prof. Peter Kovalenko (Uzbekistan) and (xii) Dr. McFon T.E. Essien (Nigeria).

PCTA Minutes Item 1: ATR on the Minutes of the 32nd Meeting of PCTA, Adelaide, 27 June 2012

1. The Committee noted with satisfaction the Action Taken Report on the Minutes of the 32nd meeting of PCTA.

PCTA Minutes Item 2: Membership of the PCTA and Workbodies

2. The Committee was informed that the tenure of Dr. Nikolay G. Kovalev (Russia, 2007) and Mr. Hasan B. Yuksel (Turkey, 2007) would come to an end on completion of their six year term at the end of the 64th IEC.
3. In consultation with the President, the Secretary General proposed the nomination of PH Mr. Peter S. Lee (UK.ICID) for membership of PCTA. The nomination was accepted as a member of PCTA for a six-year term. PH Bart Schultz noted that additional members of PCTA were needed. The Committee recommended that the National Committees be encouraged to nominate new members.
4. Based on the recommendations of the various workbodies associated with it, PCTA reviewed the membership and recommended for acceptance by IEC the changes as proposed in **Annex R2**.

PCTA Minutes Item 3: Improvement in the functioning of Workbodies

5. PCTA recalled that the procedure to set up new WGs as approved at the 63rd IEC meeting should be followed by developing a Scoping Document for establishing each Working Group and Task Force (*Annex R2.2(B) of 63rd IEC Minutes, page 29*). The Scoping Document should assess the interest of the Members in the activities of the proposed WG based on the consultations among the NCs, and International Organizations with due attention be paid to other such activities being undertaken or just concluded at the global or regional levels. The Committee emphasized the need for improvements in the functioning of its workbodies as laid down in procedures.

6. President Gao Zhanyi noted that the restriction on the tenure of six years for the workbodies was applicable only to the workbodies reporting to PCTA and not for workbodies reporting to PCSO. PH Peter Lee suggested that workbody chairs should communicate directly with the workbody members to encourage their participation in the workbody activities.

7. Secretary General informed that, in addition to putting up the consolidated agenda of IEC meeting together with its pre-council meetings of workbodies, the agenda for a particular WG or Permanent Committee are sent individually to the chairs and all the members of the respective WG or Permanent Committee.

PCTA Minutes Item 4: Review of the activities of Workbodies

8. Vice President Gerhard Backeberg, Chair, Task Team to review the Classification of Thematic Areas and the Working Groups associated with each one of them, presented his report. The Committee considered the report and recommended that the nomenclature for Strategy Theme "Systems" be changed to "Schemes."

9. The TT recommended creation of five new Workbodies under the Strategy Theme "Schemes", viz. (i) WG on Irrigation Management according to the Water Balance Approach, (ii) WG on Drainage Management according to the Water Balance Approach, (iii) WG on Irrigation Water Loss Control for Achieving Water Savings, (iv) WG on Irrigation Rehabilitation, Revitalization and Modernization, and (v) WG on Irrigation Development and Management of Water User Associations (WUAs).

10. VPH Vlotman briefly explained the proposal from Australia with keen interest from Canadian and Brazilian NC sand the offer of the Irrigation New Zealand in contributing to the topic of Irrigation Codes of Practice and Standards. He informed that over the last decade Irrigation, NZ (INZ) has placed much of its focus on developing and publishing comprehensive Codes of Practice and Standards for Design, Installation and Evaluation. INZ is willing to put these documents on the table as a starting point for an international discussion, provided INZ is included within the project development team. INZ acknowledges its documents are not perfect, but they do provide a sound starting point. He pointed out that if ICID finds in favour of the need for International Codes of Practice and Standards, INZ is willing to work with IAL to develop a full project proposal to be presented at the next ICID meeting. The Committee expressed its support for the proposal and suggested that the activity/project could form part of the mandate of one of the proposed WGs.

11. PH Bart Schultz recommended that a WG on Modernization needs to be established. VP Dr. Ragab Ragab objected to the 'Water Balance Approach' being suggested in the name of the first two proposed WGs. VPH Vlotman also drew the attention of the Committee to the new mandate as proposed by the WG-DRG whose tenure comes to an end at 64th IEC. Based on the discussions, Committee recommended that in principle these WGs should be established, however, their names and whether some of them should merge, be left to a later stage when the Scoping Documents for establishing the proposed workbodies would be developed. Committee requested Secretary General to coordinate in developing these Scoping Documents in consultation with the Key Persons and involving a Core Group of Experts.

12. The TT, the Committee noted, also recommended that TF-VE be moved to the Strategy Theme "Knowledge" and the TF on Water for Bio-Energy and Food (TF-BIO-ENERGY) be changed to a Working Group and moved to Strategy Theme "Basin". The WG on Role of Irrigation in Poverty Alleviation and Livelihoods (WG-POVERTY) be moved from Strategy Theme "Schemes" to "On-Farm." PH Peter Lee pointed out that the tenure of WG-POVERTY was coming to a closure stage within a year and that in his opinion the WG should continue to be part of Strategy Theme "Schemes", instead of moving it to "On-Farm".

13. The Committee endorsed the above recommendations of TT with the exception of moving of WG-POVERTY from Strategy Theme "Schemes" to "On-Farm".

PCTA Minutes Item 4.1: Presentation by Workbodies under the Strategy Theme – Systems (ST.S)***PCTA Minutes Item 4.1.1: Working Group on Water Saving for Agriculture (WG-WATS)***

14. The Committee noted that the WG-WATS completed its tenure in 2013 and recommended for establishment of a new WG with a similar mandate, based on the submission of a Scoping Document for the establishment of a new workbody.

15. WG-WATS has suggested changes in the way the WatSave Awards were being administered including changing its frequency, e.g., making it triennial i.e., during a Congress year. SG noted that from the perspective of the National Committees who are required to authenticate the works to be awarded, a serious process would take considerable resources from NC for authentication. It might be, he opined, preferable to make the WatSave awards on a triennial basis. VP Backeberg opined that the WatSave awards should be continued to be presented annually. SGH M. Gopalakrishnan and PH Peter Lee endorsed VP Dr. Backeberg's views. It was also suggested that in order to keep the standard of the awards, the WatSave awards should be announced annually but only deserving nominees be given the awards. PCTA Chairman VPH Reinders recommended that the present and past conveners of the WatSave award selection panels should work with the Secretary General to develop new guidelines for authentication of the nominated works by the NCs and adjudicating the WatSave awards.

16. PH Peter Lee noted that the works for which 2013 WatSave awards were presented on 01 October, were not properly acknowledged and urged that appropriate recognition be made during future announcements.

PCTA Minutes Item 4.1.2: Working Group on Drainage (WG-DRG)

17. VPH Vlotman, Chair of WG-DRG pointed out that the final "report" of the WG-DRG is in the DVD that was handed out at the First World Irrigation Forum and would be presented at the 64th IEC Meeting that includes the proceedings of all drainage workshop organised under auspices of the ICID. The WG proposed a new mandate for a Committee on Drainage which includes:

- (a) To promote drainage as part of integrated water resources management;
- (b) To promote sustainable approaches for drainage and related projects through a balanced integration of various aspects such as water quantity and quality, ecological, socio-economic, cultural; and
- (c) Development of drainage needs under the impacts of changes in land use and climate

18. The WG noted that the upcoming 12th International Drainage Workshop would be organized by the National Committee of the Russian Federation on Irrigation and Drainage (RuCID) during 23-26 June 2014 at Saint Petersburg. The Working Group also endorsed the offer from the Iranian National Committee of ICID (IRNCID) to organise the 13th International Drainage Workshop in Iran.

PCTA Minutes Item 4.1.3: Working Group on the Role of Irrigation in Poverty Alleviation and Livelihoods (WG-POVERTY)

19. PH Peter S. Lee, Chair of the WG-POVERTY informed the Committee that the WG will develop a position paper on "Role of irrigation in poverty alleviation and enhancing livelihoods." The WG asked for an extension of the mandate for one year to complete the position paper. The Committee recommended that the extension be approved.

PCTA Minutes Item 4.1.4: Task Force on Financing Water for Agriculture (TF-FIN)

20. VP Gerhard Backeberg, Chair of TF-FIN informed PCTA that during the term of activities of TF-FIN from 2009 to 2013, three workshops were organized on (i) principles and approaches; (ii) policies and strategies; and (iii) country case studies of water use charges and financing of irrigation development. Contributions through presentation and papers on all 3 topics were made by TF members from Australia, France (on Thailand), and South Africa, while contributions on strategies and water use charges were made by the TF member from Japan. He added that the representatives from India and Pakistan and a member from Iran submitted papers on policies and strategies regarding water use charges and financing of irrigation. The draft final report was submitted during the meeting held in Adelaide, Australia, in June 2012. Since then all papers on presentations made during the 2012 workshop have been completed.

21. PCTA was informed that the final report on papers addressing the mandate of the TF with conclusion and recommendation has been submitted to members and ICID Central Office. This report will now be edited and it was suggested at Mardin that a "definition of terms" be added. Task Force members agreed to publish the report as an ICID publication.

22. The Chair informed the Committee that the activities of TF-FIN are therefore concluded with the meeting held in Mardin, Turkey in 2013. The Committee recommended that (1) the report is finally edited for publication by ICID; and (2) establishment of a new Working Group on Development and Management of Water User Associations (WUAs). The Committee endorsed the recommendations of the TF and also the closure of the TF since it has completed its mandate and tenure.

PCTA Minutes Item 4.1.5: Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY)

23. VP Laurie Tollefson, Chair of the TF-BIO-ENERGY informed that, currently submissions have been received from South Africa, India, Canada and Nepal. To enrich the publication, submissions from Australia, Brazil, China, Iran and USA have been requested but not received till date. Further follow up is suggested. The TF will develop a position paper based on country paper submissions.

24. The TF recommends an extension of the tenure of TF up to 2014 to complete the report using the material already submitted and hopefully integrating submissions from some or all of the countries previously mentioned to broaden and enrich the document. The TF will finish the paper in 2014 but suggests that a WG on this subject be considered and that national committees be solicited for potential membership. The Committee was informed that if there is enough interest then the WG could take over and build on the TF position paper. If there is not enough interest then do not initiate the WG.

PCTA Minutes Item 4.2: Synthesis and recommendations by Co-Theme Leaders on Systems(ST.S)

25. The Co-Theme Leaders of ST.S, VP Dr. Backeberg and VP Gündoğdu presented a synthesis and recommendations of Strategy Theme "Systems". They reported that since almost all the WGs under the Strategic Theme "Systems" have completed their activities or are about to conclude their activities with their tenures coming to an end, it is proposed to re-organize these WGs as presented by Dr. Backeberg and reported under PCTA Agenda Item 4. He pointed out that although there would always be links between various WGs, each one of them should highlight their focus as well as joint activities wherever required. He pointed out that the new WGs should be established through inclusive consultations, bringing out new ideas and new initiatives and should work with energy and momentum.

PCTA Minutes Item 4.3: Presentation by Workbodies under the Strategy Theme – Basin (ST.B)

PCTA Minutes Item 4.3.1: Working Group on Water Management in Water Stressed Regions (WG-DROUGHT)

26. Mr. Mohammad Sadegh Jafari, Iran, presented the report of WG-DROUGHT. The Committee noted that the WG organized a Workshop on "Developing Management Strategies for Coping with Drought and Water Scarcity" at Mardin on 02 October 2013 as part of WIF1.

27. He noted that a draft of the publication 'Irrigation under Drought and Water Scarcity' was passed on to the WG from the ICID Central Office to Messrs. Jafari and Nairizi and after their formal approval, the editors will revise and update the draft which will then be printed by a sponsor in Iran.

PCTA Minutes Item 4.3.2: Working Group on Sustainable Development of Tidal Areas (WG-SDTA)

28. The Committee was informed by Chair, WG-SDTA, Dr. Ruey Chy Kao that the WG organized an internal workshop on "Environmental Impacts and Sustainable Management in Tidal Areas" during the 64th IEC meeting in Mardin. The WG will also organize an International Workshop on "Sustainable Management of Tidal Areas in the Era of Climate Change" during 22nd Congress in 2014 in South Korea. The draft announcement, review team, deadlines etc. for the international workshop will be prepared after discussion with former Chairman of the WG, Dr. Park Sang Hyun. The Korean organizing team had been asked to submit more detailed proposal and information such as deadlines, venue, date, and duration etc. for inclusion in the draft announcement for the international workshop at the earliest. It was informed that the WG has decided to hold an international workshop in every two years which will be proposed to be organized by the member countries in turn.

PCTA Minutes Item 4.3.3: Working Group on Environment (WG-ENV)

29. The Committee was informed that WG-ENV had reviewed current literature on environmental issues. WG Chair Dr. Sylvain Perret, who could not attend the meeting, had earlier circulated a draft document on "The potential contribution of Life Cycle Assessment to analyzing the environmental impacts and the sustainability of irrigation and drainage systems" amongst all members of the WG. Prof. N. Hatcho, Vice-Chair of the WG gave a brief overview of the draft document jointly prepared by the Chair, Vice-Chair and Secretary.

PCTA Minutes Item 4.3.4: Working Group on Comprehensive Approaches to Flood Management (WG-CAFM)

30. Dr. Kamran Emami, Chair of the WG-CAFM, reported that presentations on Flood Management were made by Ms. Aysen Pervin Gungor (Turkey) on 'Flood Situation and Flood Management in Turkey. Prof. Dr. Klaus Rottcher (Germany) and Mr. Maurice Roos (USA) also made their country presentations during the meeting on: (1) Floods 2013 in Germany, (2) (i) Impact of Hurricane Sandy on New York and (ii) Upper Midwest USA Floods, Spring 2013, respectively.

31. The Committee was informed that WG is planning to publish a document titled "Adaptive Flood Risk Management" based on the workshop papers and country presentations on floods. Country reports from Turkey, Slovenia, Malaysia, South Africa, Finland and Netherlands are awaited. On the other hand, the papers from WG workshop, country reports, internal presentations and other resources would be used for writing the WG publication on 'Adaptive Flood Risk Management'.

PCTA Minutes Item 4.3.5: Working Group on Global Climate Change and Agricultural Water Management (WG-CLIMATE)

32. Chair of WG-CLIMATE, VPH Dr. Svendsen reported that a workshop was organized by WG-CROP and WG-CLIMATE on 02 October as part of WIF1. Six papers were actually presented, against scheduled nine papers and about 75 people attended the workshop. Paper quality was generally good. Most were aimed at assessing the expected impacts of a warming climate, and using down-scaled climate model data on production of various crops. Three or four reviewers from the two WGs reviewed 30 odd abstracts in advance of the workshop using the Easy Chair system which consolidated ratings into a score for each abstract. The Chairman of WG-CROP then made a final selection of the presentations at the workshop.

33. The Chairman of the WG was asked by the CO to serve as a Panel Expert on 22nd ICID Congress "Question 58.1: Understanding Impacts of Climate Change on Land and Water Use" and nominate two other experts to assist in this process. The chairman accepted this request and nominated Prof. Ray Shyan Wu of Taiwan, and Prof. Sue Walker of South Africa to serve along with him on the panel for Question 58.1. Both have agreed to their nominations.

34. With respect to a technical note on Climate Change and Agricultural Water Management, the WG proposed to work with the KCID to select 10 to 12 best papers prepared for Question 58.1 and turn them into a special journal issue, preferably in *Irrigation and Drainage*. This would then constitute the WG's primary output. In addition, the WG offered to work with KCID to generate a broad range of submissions for this Question so that the full range of issues related to the Question is covered. WG felt that unless this is done pro-actively, that the range of topics covered will be limited. It was hoped that KCID might be willing to support the cost of a special issue of *Irrigation and Drainage* (US\$ 15,000) and to work jointly with the WG to edit and bring out the proposed special issue.

PCTA Minutes Item 4.3.6: Task Force on Value Engineering (TF-VE)

35. Dr. Kamran Emami, Chair of the TF, noted that an internal Workshop was held at Mardin during the TF meeting. The TF decided to organize a workshop on "Applications of Value Engineering in Irrigation and Flood Projects" during the 22nd ICID Congress in Korea. In this context, the five papers received for the internal workshop will be considered for the workshop in Korea.

PCTA Minutes Item 4.4: Synthesis and recommendations by Co-Theme Leaders on Basin (ST.B)

36. Co-Theme Leaders of the Theme, VPs Chaiwat Prechawit, Adama Sangare and Laurie Tollefson presented their synthesis and recommendations on ST.B. They reported that all working groups of strategy theme Basin have been working just fine and they recommended them to proceed on with their present plan. Noting that the workbodies are performing well and hence no specific suggestions were offered. A one-year extension of the mandate for WG-DROUGHT was recommended.

PCTA Minutes Item 4.5: Presentation by Workbodies under the Strategy Theme – On-Farm (ST.OF)**PCTA Minutes Item 4.5.1: Working Group on Water and Crops (WG-CROP)**

37. VP Ragab Ragab, Chair of WG-CROP informed that the WG organized an International Workshop on 'Management of Water, Crops and Soils under Climate Change' jointly with WG-CLIMATE on 02 October 2013.

The workshop was a success and attracted a large number of active participants. The WG has decided to use these papers as source material for publishing WG output.

PCTA Minutes Item 4.5.2: Working Group on Use of Poor Quality Water for Irrigation (WG-PQW)

38. VP Ragab Ragab reported for the Chair, WG that the WG considered a variety of publications as its output such as technical papers for peer reviewed journal, technical notes, non- technical notes and manual for SALTMED model software. One technical paper from Anna Tedeschi was circulated and the rest of the reporters agreed to submit their reports within six months, by February 2014. The WG is planning a workshop during the 2015 IEC Meeting on "Use of poor quality water". SG informed the Committee that ICID has been requested by its partner organizations engaged in the project on "Safe use of wastewater in Agriculture", to develop Guidelines on the various irrigation techniques suitable for using wastewater treated to different degrees.

PCTA Minutes Item 4.5.3: Working Group on On-Farm Irrigation Systems (WG-ON-FARM)

39. VPH Felix Reinders, WG Chair, reported that based on the latest data, sprinkler irrigated area is about 43.2 million ha while 10.8 million ha are under micro irrigation, worldwide. This shows substantial increase in both sprinkler and micro irrigation over the previous year. After discussing the data, it was recommended that the table should be adjusted to have 4 columns (Surface, Sprinkler, Micro and Total) for feeding the data on irrigated areas. It should further have a foot note with the definitions of the different types of irrigation methods. Member countries are urged to supply data to Central Office. Members also suggested that other sources/links, for example Aquastat of the FAO must be used to obtain the data/ information. At present data from only 46 of the 100 ICID members countries are listed.

40. He informed the Committee that the WG has proposed to publish an article on "Improvement of the On-Farm Irrigation Systems using Simple Water Control, Measuring and Application Devices" and a paper on "Micro irrigation for smallholder farmers and greenhouses". The Chair also informed that a book on "Soil and Water Management in Surface Irrigation Systems" is in the preparation phase.

41. The WG has invited the national committees to host the 9th Micro Irrigation Symposium.

PCTA Minutes Item 4.6: Synthesis and recommendations by Co-Theme Leaders on On-Farm (ST.OF)

42. Co-Theme Leaders, VPs Dr. Ragab Ragab and Dr. Kim, Tae Cheol presented their synthesis and recommendations on ST.OF. They informed that WG-CROP would like to consider the following areas in their future work: (i) Applicability of the virtual water concept, (ii) methods to reducing water and carbon footprint, (iii) precision irrigation management, (iv) impact of climate change on yield quality and quantity, (v) rainfall harvesting for irrigation and food production, and (vi) diversification of cropping systems to cope with limited water resources conditions.

43. WG-PQW would like to consider the following areas in their future work: (i) Advances in Treated Waste Waters Technologies, (ii) Policies for using PQW, and (iii) Capacity building and the criteria for using wastewater in different countries. The WG will also try to make its contributions to developing Guidelines for Irrigation Techniques using Wastewater as part of refining guidelines of WHO and FAO, if possible.

PCTA Minutes Item 4.7: Presentation by Workbodies under the Strategy Theme – Knowledge (ST.K)

PCTA Minutes Item 4.7.1: Committee on Public Relations and Publications (C-PR&P)

44. VPH Larry Stephens, Committee Chair, reported that the Committee reviewed reports on publications in progress and the ICID Journal. The primary focus of the meeting was to review the ICID website, noting new features including the 'Members Only' section. The Committee recommended certain changes in the site, including simplification of the home page to reduce the content on the page by using more links. It was also recommended that a 'Site Index' be added to the website.

PCTA Minutes Item 4.7.2: ICID Journal Editorial Board (EB-JOUR)

45. PH Prof. Dr. Bart Schultz, Chair of the EB, presented a Report, including the Status of Reviews. He informed the Committee that in 2013 three special Issues will be published; two of them will be Sponsored Special Issues. In 2014, a special issue is expected to be published with selected papers of the First World Irrigation Forum. This special issue is expected to be published as the regular issue 63.2. He informed that in 2014 or 2015 two other special issues are expected to be published:

- (a) a special issue with selected papers of the 22nd ICID Congress in Gwangju, Korea;
- (b) a sponsored special issue with papers derived from one of the Congress Topics and sponsored by the Korean National Committee.

PCTA Minutes Item 4.7.3: Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)

46. Dr. Kamran Emami, Chair of the WG-HIST, reported that the Group considered the draft paper on “Recognition of Historical Irrigation and Drainage Structures” presented by the TF headed by VP Ragab Ragab and recommended to PCTA for its consideration. He suggested that ICID should work closely with UNESCO and the ICOMOS for the preservation of the historical structures. SG pointed out that one needs to be careful as this activity of ICID should not lead to giving a handle to some NGOs for blocking development activities.

47. Dr. Emami informed that an International Workshop on ‘Water Wisdom and Sustainability’ was successfully held on 03 October 2013 as part of WIF1 where 150 participants attended the workshop and 7 papers were presented. The WG has decided to use these papers as source material for publishing a WG document on Historical Water Sustainability.

48. The Committee was also informed that WG will organize a History Seminar on “*Historical Water Sustainability: Lessons to Learn*” during the 2014 Congress in Korea.

PCTA Minutes Item 4.7.4: Task Force to Guide ICID Inputs to World Water Forum 7 (TF-WWF7)

49. VPH Mr. Shinsuke Ota, Chair of the TF presented his report on ICID inputs and roles during the upcoming 7th WWF at Korea. The details of the TF work may be found in the Discussion Paper on the Role of ICID at WWF7. He informed that he had requested the Chair of ASRWG be incorporated as member of the TF.

50. The Committee decided that ICID should bring out a glossy publication based on the outcome of Theme 2.2 of WWF6.

PCTA Minutes Item 5: Follow up on Intensification of Research Program

51. Dr. Ding Kun Lun, China, summarized the activities of the Program and discussed plans for a workshop during 2014. Mr. Mohammad Javad Monem, Iran, gave report on IRPID activities in Iran and plans for a future workshop. President Gao noted that national committees should establish more centers in addition to the centers in China and Iran. SG congratulated the centers for their efforts in organizing these activities but regretted that a coherent approach was still missing. The Committee while considering the follow up on development of the Intensification of Research Program desired that the Program should be developed so that there is greater coordination among various nodes and also to brand the activities of this programme.

PCTA Minutes Item 6: ICID Congresses/Conferences/Forum: Setting up of a sub-committee

52. While presenting the proposal, SG noted that there was a need for setting up a Sub-Committee to look into the themes of future Congresses and World Irrigation Forums. The Committee has taken into account the recommendations of PCSO to look into the formats of both Congresses as well as WIFs to avoid any confusion. The Committee recommended that the membership of the Sub-Committee may consist of PH Bart Schultz as Chairman; and VPs Laurie C. Tollefson and VP Gerhard Backeberg; Chairpersons of the National Committees hosting the future ICID Congresses and WIFs as members; and SG Avinash Tygai, to act as Member Secretary.

PCTA Minutes Item 7: Any other business

53. SG noted that for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the face to face meetings during IECs, Central Office has made available facilities for Web-based video-conferencing or audio / tele-conference. These newly introduced online features, without any cost to the participants can be explored by members to (i) organize intermediate workbody meetings, (ii) conduct remote training programs, presentations, and (iii) introduce new products and technologies etc through Webinars. For this, Members can contact Central Office with their requirement in terms of date and time and participants list to book the meeting slots and facilitate the successful conduct of conferences.



**Minutes of the 20th Meeting of the
ASIAN REGIONAL WORKING GROUP (ASRWG)
02 October 2013, 09.00-10.30 hours [Session I]
02 October 2013, 11.00-12.30 hours [Session II]
Mardin, Turkey**

Year of Establishment: 1996

Mandate: To focus on common topics and issues and to enhance the transfer of appropriate technology in irrigation and drainage to and from the Asian Region; and to encourage membership and to coordinate activities in the region.

Members Present: (1) VPH Karim Shiati, Chairman, 2006 (Iran, 1997); (2) VP Prof. Tai-Cheol Kim, Vice Chairman, 2007 (Korea, 2006); (3) Mr. Sheng-Fend, Kuo (Chinese Taipei, 2001) represented by Prof. Ray-Shyan Wu; (4) Mr. S. Siswoko (Indonesia, 2002) represented by Syaiful Mahdi; (5) VPH Shinsuke Ota (Japan, 2006); (6) Mr. Wang Xiodong (China, 2008); (7) Dr. Mohammad Amin Mohd Soom (Malaysia, 2011); (8) Mr Uttam Raj Timilsina (Nepal, 2011); (9) Mr. Arthon Suttigarn (Thailand, 2012); (10) Dr. Aynur Fayrap (Turkey, 2012); (11) Secretary General represented by Dr. S.A. Kulkarni.

Member Hon. Present: (i) President Gao Zhanyi (China); (ii) VP Chaiwat Prechawit (Thailand); (iii) VPH Dr. W.F. Vlotman (Australia)

Permanent Observers: Mr. Thierry Facon (FAO representative)

Observers: (i) Dr. Momon Sodik (Indonesia); (ii) A.D. Beadle (UK); (iii) Mohd Azmi Ismail (Malaysia); (iv) Dr. Young D. Kim (Republic of Korea); (v) Mr. Chang (Chinese Taipei); (vi) Hsiu-ling Chen (Chinese Taipei); (vii) Kuang-Ming Chuang (Chinese Taipei); (viii) Dr. Ruey-Chy Kao (Chinese Taipei); (ix) Masao Miyazaki (Japan); (x) Kazumi Morinaga (Japan); (xi) Huh Yoo Man (Republic of Korea); (xii) Lee Seok-Woo (Republic of Korea); (xiii) Ahmet Seren (Turkey); (xiv) Chen Hung-Kwai (Chinese Taipei); (xv) Toru Hayashi (Japan); (xvi) Syed Abdul Hamid bin Syed Shuib (Malaysia); (xvii) Yong Jig Lee (Republic of Korea); (xviii) Hassan Shantia (Iran); (xix) Ardavan Azari (Iran); (xx) Pei Chen Ni (Chinese Taipei); (xxi) Daesu Eo (Republic of Korea); (xxii) Taner Kimence (Turkey); (xxiii) Mr. Gao Lihui (China).

Website: <<http://www.icid.org/asrwg.html>>

ASRWG Minutes Item 1: Action taken report by Chair

1. The Chairman presented a report regarding actions taken on the decisions made during the last meeting of the WG at Adelaide (2012). The most important action taken was establishment of WT on “*Contribution of agricultural water to the rural development in Asia*”.

ASRWG Minutes Item 2: Membership of the Working Group

2. BANCID nominated Mr. Mir Sajjad Hossain (Bangladesh) in place of Mr. T. Anwar Khan and WAPCOS (India) Limited, which has joined ICID as ‘Direct Member’ under ‘Institution’ category, nominated Dr. Rajinder Kumar Gupta (India) for the membership of the WG. Besides Eng. Syed Abdul Hamid bin Syed Shuib from Malaysia was proposed by MANCID in place of Dr. Mohammad Amin.

3. Since Mr. Mir Sajjad Hossain and Dr. Rajinder Kumar Gupta were not present in the meeting, their membership was deferred to the next WG meeting in Gwangju, Korea in 2014. The membership of Eng. Syed Abdul Hamid bin Syed Shuib was accepted by the WG members.

4. VP Chaiwat Prechawit, VP Dr. Hüseyin GÜNDOĞDU, and VP Prof. Kim contacted the deemed inactive NCs and fresh countries in the Asian region to strengthen the ICID membership network. Prof. Kim apprised the members about his contacts with Mongolia and North Korea while VP Gundogdu contacted NC of Tajikistan. The WG members appreciated their efforts in fortifying the membership.

ASRWG Minutes Item 3: Linkages with Regional and Transnational Organizations for Cooperation

ASRWG Minutes Item 3.1: 2nd Asia Pacific Water Summit, May 2013, Thailand

5. The 2nd Asia-Pacific Water Summit (2nd APWS) on the theme “*Water Security and Water-related Disaster Challenges*” was held from 16-20 May 2013 at Chiang Mai, Thailand. VP Prof. Kim actively participated and contributed to the summit. Mr. Arthon Suttigarn (Thailand) apprised the working group members about this event.

ASRWG Minutes Item 3.2: EURO-INBO

6. The 10th European Conference on the Implementation of the Water Framework Directive (WFD) was held on 17-19 October 2012 at Istanbul, Turkey. VPH Dr. Karim Shiati, Vice President Dr. Hüseyin GÜNDOĞDU and Dr. Aynur Fayrap, member of ASRWG attended the Conference and made their contributions in roundtable sessions.

7. The Chairman apprised the WG members on this event. The declaration and all papers are available on website (inbo-news.org) and chairman encouraged members to visit the website for more information.

ASRWG Minutes Item 3.3: Regional cooperation between TUCID-IRNCID

8. A MoU was signed on 2nd October 2013 at Mardin by the Chairs of TUCID and IRNCID. Chairman apprised the members and requested to enhance the regional cooperation among the member countries.

ASRWG Minutes Item 4: Developing cooperative arrangements with International Society of Paddy and Water Environment Engineering (PAWEES) and International Network of Water Environment and Paddy Fields (INWEPF)

9. In International Conference on “*Challenges of Water and Environmental Management in Monsoon Asia*” was organized by International Society of Paddy and Water Environment Engineers (PAWEES) on 27-29 November 2012 in Nonthaburi, Thailand. It was suggested that a Work Team be established to look into PAWEES-ICID collaboration. Prof Tai Cheol Kim, Vice President, ICID and President of PAWEES apprised the WG members about this event and decided that WT will be established in next WG meeting in Gwangju in Korea along with the new president of PAWEES from Taiwan.

ASRWG Minutes Item 5: Work Team on "Contribution of Agricultural Water to the Rural Development in Asia"

10. The ASRWG-WT on “*Contribution of Agricultural Water to the Rural Development in Asia*” was established. In the meeting, Prof. Kim Chairman of the WT circulated a detailed framework of the WT including: mandate; scope, duration; method and the time schedule (**Annex 1**). The duration of the WT will be 5 years and the final report will be published in 2017.

11. The first internal workshop of the WT on “*How does agricultural water management contribute to the development of rural society in Asia?*” was held during the Session 2 of WG meeting and 5 paper presented by the WT members from Taiwan, Turkey, Japan, Korea, Thailand

ASRWG Minutes Item 6: 8th Asian Regional Conference

12. The 8th ARC may have to wait till 2018 since 2014 is a congress year, in 2015 is the European Regional Conference, in 2016 is the 2nd WIF and in 2017 is again congress year. However, 8th ARC could be held as an independent event in forthcoming years. Central Office circulated the invitation to all NCs for their proposals for hosting the 8thARC.

ASRWG Minutes Item 7: Publications of the Working Group

13. The WG plans to publish a technical report on “*Contribution of Agricultural Water to the Rural Development in Asia*” by 2017. As can be seen in **Annex 2** the interim report contributes to WWF7 in 2015, the final report will be published in 2017 and it will be contribute to WWF8 in 2018.

ASRWG Minutes Item 8: Three-year work plan

14. The three-year work plan was finalized during the meeting (**Annex 3**)

ASRWG Minutes Item 8.1: Website of ASRWG

15. The website of ASRWG <<http://www.icid.org/asrwg.html>> is functional. Network linkages with the NCs of Australia, China, India, Iran, Japan, Korea, Malaysia, Taiwan, and Thailand had been already established. Member countries like Turkey and Nepal are active NCs and are requested to provide a link for the working group website.



Work Team on the "Contribution of Agricultural Water to the Rural Development in Asia"

1. **Name of WT:** "Contribution of Agricultural Water to the Rural Development in Asia"
2. **Mandate:** How to contribute the development of rural society in Asia with water
 - (a) Suggest the technical and policy directions and prospects.
 - (b) Suggest the sustainable water management and development and the improvement of the livelihood of rural community
3. **Scope:** Case study on irrigation project including template (Domestic fund project, foreign grant/loan project, Comprehensive rural development, Small & large-scale irrigation project, and ODA project from both from a receiving and donating side, etc.)
4. **Duration:** 2012 – 2018 (5 years)
5. **Method:**
 - (a) Present case studies from WT members at the ASRWG meeting (2013-2015 or 2017)
 - (b) Submit manuscripts on irrigation project from WT members to Chairman
 - (c) Collaboration with PAWEES and INWEPF for the paper collection
 - (d) Organize the int'l workshop by WT and/or FAO-RAP in 2014 Congress. Presentation from invited non-WT members and other contributions from the leading country and organization, if budget is retained from KCID
 - (e) Participate at SS on New partnership for rural development in 2014 Congress
 - (f) Participate at WWF-7 in 2015 to disseminate the Interim or Final report.
6. **Final report (in 2017 and contribute to WWF-8 in 2018) edited by WT members**
 - (a) Survey the case study and reference on the topic from domestic and int'l report
 - (b) Select papers/reports from ASRWG, FAO-RAP, PAWEES/INWEPF, JICA, KOICA etc.
 - (c) WT member's role:
 1. Each member presents case studies of irrigation project with template reply during ASRWG and/or submits them to the chairman
 2. Collect papers and edit a final report
7. **WT draft time schedule**

Time	Activity	Members involved	Remark
2013	1 st WT workshop at Mardin IEC(internal WS in ASRWG)	Taiwan, Turkey, Iran, Japan, Korea, Thailand	Mardin, Turkey
2014	2 nd WT Workshop at Gwangju, Korea Leading Int'l agencies, Policy on ODA project for rural development	WT- Malaysia, Taiwan, Thailand, Japan, Iran, India, Korea, Turkey (8), Indonesia, Philippines, Laos, India, Iraq, Nepal, Pakistan, Myanmar, Uzbekistan, Cambodia, China (11) etc. FAO, ADB, JICA, IWMI, KOICA.(5)	Seoul, Korea During the Congress
2015	3 rd WT workshop at Montpellier IEC (internal WS in ASRWG) Contribute to WWF-7 in Daegu, Korea	WT members and Chairman	Montpellier, France,
2016	4 th WT workshop (internal WS in ASRWG)	WT member	Chiang Mai, Thailand 2 nd WIF
2017	Collect and select papers Publish Final report	WT members and Chairman,	
2018	Contribute to WWF-8	WT members and Chairman	

Annex 2 [Appendix IV, Item 7]**Convener: Dr. Karim Shiati (Iran)**

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Technical report on <i>"Contribution of Agricultural Water to the Rural Development in Asia"</i>	Case study on Irrigation projects including template	WWF Taskforce in ICID decided how to present and contribute under this umbrella	Submit the Interim report in 2015 WWF7	2018
2	Proceedings of the Workshop/Conference, if any	Not going to publish the proceeding			
Filled by: Dr. Ir. Karim Shiati, Chairman of ASRWG					
Date: 2 nd October 2013					

Annex 3 [Appendix IV, Item 8]**Three-Year Work Plan**

Activity	2013	2014	2015
Linkages for International Cooperation WT-PAWEES-ICID Collaboration	Establishment of ASRW-WT to develop action plan for collaboration, Research projects with PAWEES at PAWEES Conference, Korea, 2013		
ASRWG-WT on <i>"Contribution of Agricultural Water to the Rural Development in Asia"</i>	Firming up mandate, scope and timeline for assignment, Mardin, Turkey Internal workshop, Mardin, Turkey	2 nd WT Workshop, Gwangju, Korea	3 th WT workshop at Montpellier, France Contribution to WWF-7 in Daegu, Korea
Technical Report by WT on <i>"Contribution of Agricultural Water to the Rural Development in Asia"</i>	Responsibility allocation with timeline	Presented manuscript of the first internal workshop, Gwangju, Korea	Presented manuscript of the second workshop
MoU – TUCID and IRNCID	Will be signed in Mardin, Turkey		



**Minutes of the 24th Meeting of the
AFRICAN REGIONAL WORKING GROUP (AFRWG)
02 October 2013, 09.00-10.30 hours [Session I]
02 October 2013, 11.00-12.30 hours [Session II]
Mardin, Turkey**

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: Among the five members, only Mali (represented by VP A Sangare), South Africa (represented by VP Dr G R Backeberg) and Secretary General Avinash C. Tyagi were present at the meeting

Members Hon. Present: (i) VP Dr. Gerhard Backeberg, Acting Chair (South Africa); (ii) VP Adama Sangare (Mali); (iii) VPH Felix B. Reinders (South Africa)

Observers: (i) M. Amadou (Burkina Faso); (ii) Mr. John Metzger, GWP representative (Sweden); (iii) Dr. Sylvester Mpandeli (South Africa); (iv) Prof. Paul S. Marley (Nigeria); (v) Eshiperancar Kampini (Malawi); (vi) Ouedraogo Adama (Burkina Faso); (vii) Alberta Vincentia Asante (Ghana); (viii) Ouango D. Francois (Burkina Faso); (ix) Sazoulang Douh (Chad); (x) Tchouadang Kadjonga (Chad); (xi) Mastewal Ejigu Ademe (Ethiopia); (xii) Ismaila Mbenga (The Gambia); (xiii) Engr. Muhammad Sani Bala (Nigeria); (xiv) M.T.E. Essien (Nigeria); (xv) Emmanuel Amoakwah (Ghana); (xvi) Ouedraogo Idrissa (Burkina Faso); (xvii) Lebdi Fathi (AgWA); (xviii) Sheikh Jameel Ahmed (ADB); (xix) Akira Iwamoto (Japan); (xx) Prof. Saa Dittoh (Ghana); (xxi) Engr. Kazode John Ijayoye (Nigeria); (xxii) Engr. Joe Kwanashie (Nigeria); (xxiii) Engr. Bio R. Torou (Benin); (xiv) Olufemi Odumosu (Nigeria); (xv) Engr. Afdayan Jimoh (Nigeria); (xvi) Mjon T.E. Essien (Nigeria).

Website: <<http://afrwg.icidonline.org/>>

(Since Dr. Andrew Sanewe (South Africa) had resigned from the Chairmanship of the WG, and in absence of Vice Chairman Engr. Aliou Bamba (Mali), Dr. Gerhard Backeberg (South Africa) Chair the meeting)

AFRWG Minutes Item 1: Action taken report by Chair

1. The acting Chairman Dr. Gerhard Backeberg welcomed all the participants and thanked Dr. Andrew Sanewe who chaired the African Regional Working Group (AFRWG) since 2011.

2. During the Adelaide meeting held in June 2012, Dr. Sanewe had presented a framework of a strategy for capacity building of key target groups viz., representatives of countries to form national committees of ICID; officials, extension officers, trainers and advisors of farmers; and farmers (in particular women) who are the main water users for producing food in Africa. It was proposed that the Northern Region, Western and Central Region (ARID), Eastern Region and Southern Region (SARIA) will contribute in developing strategies. Inputs were received from the Northern Region and SARIA. This matter was discussed further under Item 3.5.

AFRWG Minutes Item 2: Review of membership of the group and countries

3. Dr. Gerhard Backeberg highlighted that only 11 countries from Africa were active members of the ICID, while 13 countries became inactive. Many delegates from different countries across the African continent viz., South Africa, Nigeria, Malawi, Burkina Faso, Ghana, Niger, Mali, Chad, Ethiopia, Gambia and Benin attended the AFRWG meeting in Mardin. In addition, there were also representatives from organizations such as AGWA (based in Ethiopia) and GWP. Presently, only 4 African countries of the 11 countries who are member of ICID are members of the AFRWG. Observers of member countries present were encouraged to request their National Committees to formally join the AFRWG.

4. The acting Chairman informed that two new nominations viz., Dr Sylvester Mpandeli by the South African National Committee on Irrigation and Drainage (SANCID), and Dr. Conrade Zawe by National Committee of Zimbabwe (ZwCID) along with their CVs were received for the membership of the WG. The nomination of Dr. Mpandeli was accepted as he was present at the meeting; while the nomination of Dr. Conrade Zawe was deferred as he was not present at the meeting.

AFRWG Minutes Item 2.1: Election of new Chair of the group

5. The acting Chairman then invited nominations for the new Chairman and Secretary of the AFRWG. After discussion it was agreed that Dr. Sylvester Mpandeli be nominated as the new Chairman and this was unanimously accepted. Dr. Mpandeli indicated that he was available to serve as a Chairman of the AFRWG. Following further deliberations, it was agreed that the Interim Secretary would be Mr. Fethi Lebdi from AGWA. The acting Chairman suggested that national committees which are members of ICID may nominate their representative for the position of the Secretary for election during the meeting to be held during September 2014 in Korea.

AFRWG Minutes Item 2.2: Membership of the group

6. The acting Chairman encouraged all those countries in Africa who have established national committees to get actively involved in ICID activities. He also requested member countries to pay their ICID membership fees. Dr. Backeberg cited the example of Zimbabwe and Malawi who have reactivated their membership by paying all arrears of subscription. Representatives of some countries raised concerns regarding the financial burden of payment of arrears (membership fee).

7. Secretary General Avinash Tyagi explained that there were three options for re-activating the membership: viz., (1) to pay the full amount in arrears; (2) to pay the annual amount required as membership fee, in case of being classified as a Least Developed Country (LDC); and (3) to rejoin as a new/ fresh member, in that case losing the former status and that this option could only be exercised once. The country representatives expressed their satisfaction for this clarification.

AFRWG Minutes Item 2.3: Membership of African countries

8. The active ICID member countries from Africa region are - South Africa, Egypt, Morocco, Mali, Chad, Niger, Tanzania, Ethiopia, Malawi, Zimbabwe and Zambia, while countries deemed inactive were Nigeria, Angola, Uganda, Algeria, Ghana, Ivory Coast, Kenya, Libya, Madagascar, Mozambique, Senegal, Sudan, and Tunisia. The acting Chairman once again encouraged representatives of deemed inactive counties to rejoin if the national committee exists, or to establish a national committee and then join ICID.

AFRWG Minutes Item 3: Progress on the implementation of the Action program for Africa

AFRWG Minutes Item 3.1: AFRICA 2013, Ethiopia

9. Mr. Adama Sangare reported that an International Conference and Exhibition “Africa 2013” with the theme “Water Storage and Hydropower Development in Africa” was organized by Aqua- Media International in cooperation with International Commission on Large Dams (ICOLD), Ethiopian Power Corporation (EEPCO), and in partnership with ICID from 16 to 18 April 2013 at Addis Ababa. The Conference deliberated on many interesting themes including energy and food security and was attended by more than 300 participants.

10. Dr. GR Backeberg reported that the SARIA Workshop held in Zimbabwe in February 2013 was well attended by 10 of the 14 countries in the SADC region. The theme for the Workshop was “Water use for homestead food production” and resource material was distributed to all workshop participants. He also highlighted that SARIA was established in 2000 and that the annual workshops of SARIA are made possible due to the support of the Department of Agriculture, Forestry and Fisheries (DAFF) of South Africa. Dr. Backeberg further stated that SARIA has set targets for counties to join ICID. At this stage, Zimbabwe and Malawi were rejoined, while Madagascar is in the process of requesting government support for payment of membership fees. Lesotho and Botswana have started the process of establishing national committees. Other countries (DRC, Mauritius, Mozambique, Namibia and Swaziland) need strong support while so far no contact could be made with Angola and Seychelles.

AFRWG Minutes Item 3.2: Symposium on ‘Irrigation in a Changing Environment’, November 2012, South Africa

11. VPH F B Reinders informed the meeting that the theme of the Symposium was on issues related to environmental, social and economic challenges currently facing the irrigation and drainage sector in South Africa. A guest speaker from the USA was invited for the Symposium, who made presentation on climate change challenges in South Africa. The Symposium was well attended with more than 100 participants

12. Dr. Backeberg informed that the SANCID website (www.sancid.org.za) has been revamped and encouraged all to visit the SANCID website and download the information, in particular the Constitution of SANCID, which can serve as an example to assist establishment on national committees.

AFRWG Minutes Item 3.3: 11th International Drainage Workshop, September 2012, Cairo, Egypt

13. In absence of a representative from Egypt, there was no feedback on the workshop.

AFRWG Minutes Item 3.4: Strategy for capacity building in Africa

14. Dr. Backeberg highlighted that the “Strategy for capacity building in Africa” needs to be finalized before the next WG meeting in Korea to be held in September 2014. The acting Chairman requested the new Chairman Dr. Mpandeli to make sure that different Regions in Africa (Northern, ARID and Eastern) to finalize their strategy in the next six months. Dr. Mpandeli, will communicate by email with regional focal persons, incorporating the strategy for SARIA compiled by Dr. Sanewe.

15. The strategy by SARIA is focusing on capacity building of four activities, viz., (a) Water use for homestead food gardens; (b) Rainwater harvesting on croplands; (c) Extension for irrigation water management; and (d) Aquaculture training manual. As mentioned before, the target groups are members of SARIA, extension officers and lecturers and farmers, in particular women. The next workshop for training will be held on ‘Extension for irrigation water management’ during February/ March 2014 in South Africa. The resource material in the form of published WRC reports is accessible through key words on the website <http://www.wrc.org.za>.

AFRWG Minutes Item 4: Publicizing working group’s activities through a Newsletter and other international publications

16. Mr. Sangare indicated that the conference proceedings for the 3rd African Regional Conference held in Mali would be finalized before the next ICID meeting in Korea. Mr. Sangare also mentioned that he will share the draft conference proceedings with Dr. Mpandeli before the end of the ICID meeting in Turkey.

AFRWG Minutes Item 5: Three-year work plan

17. As explained under Item 3.5, the priority is to finalize the “Strategy for capacity building in Africa”. The three year work plan will be drafted thereafter with specific reference to objectives, activities and target dates. The work plan should be completed before September 2014. It will be tabled for discussion and approval during the next meeting of the AFRWG to be held in Korea.

AFRWG Minutes Item 6: Website of the Working Group

18. Dr. Backeberg highlighted that AFRWG website <<http://afrwg.icidonline.org/>> is operational. He requested representatives of the member countries to provide relevant information such as conferences held/ to be held, meetings of National Committees, etc. for posting on the website.

AFRWG Minutes Item 7: Any other business

19. Dr. Gao Zhanyi President of ICID said that he was impressed by the attendance from various regions across the African continent. He encouraged all participants to keep on supporting/ contributing to ICID activities.

20. Mr. John Metzger from the GWP said that his organization would like to form partnership with AFRWG. He further mentioned that GWP could also co-fund capacity building initiatives, networking activities and climate change projects in Africa. The acting Chairman thanked Mr. Metzger for sharing this information with AFRWG colleagues.

21. A feedback report was presented by ARID representative. The following activities were highlighted.

- (a) ARID had a workshop on green water use which was organized by IWMI in Ghana early this year,
- (b) A case study on connectivity of agriculture and water access (on going).
- (c) Reform of irrigation sector in Senegal (ongoing project).
- (d) Institutional arrangement project in Senegal.
- (e) Development of irrigation project in Burkina Faso.
- (f) Capacity Development in Senegal.

22. It was also noted that ARID has recently completed a study on irrigation development in Nigeria.

23. The meeting was closed and all observers of member countries of ICID and inactive countries in Africa were requested to maintain momentum by being actively involved in National Committees and join ICID as a paid-up member and also formally apply for membership of the AFRWG before the next meeting to be held in Korea in 2014.



**Minutes of the 19th Meeting of the
EUROPEAN REGIONAL WORKING GROUP (ERWG)
02 October 2013: 09.30-10.30, hours [Session 1]
02 October 2013: 11.00-12.30, hours [Session 2]
Mardin, Turkey**

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) Mr. Mati Tonismae (Estonia, 2002); (4) Mr. Pol Hakstege (The Netherlands, 2007) represented by Ir. Leon Winjker and Ir. Anneke van der Kraan; (5) Dr. Irina G. Pankova, Young Professional (Russia, 2007) represented by Dr. Irina Bondarik; (6) PH Peter S. Lee (UK, 2011); (7) Dr. Irina Bondarik, Secretary for Russian Speaking Countries (Russia, 2012); and (8) Dr. Klaus-Dieter Vorlop (Germany, 2012) represented by Prof. Klaus Roettcher.

Members Hon. Present: Dr. Gao Zhanyi, President, ICID.

Observers: (i) Ir. Hannes Puu (Estonia), (ii) Ir. Osmo Purhonen (Finland), (iii) Ir. Helena Äijö (Finland), (iv) Mr. Herve Plusquellec (France), (v) Ir. Parasyuk Alexander (Russia), (v) Ir. Mahmut Cetin (Turkey), and (vi) Ir. Hayriye Ibrikci (Turkey)

Website: <<http://erwg.icidonline.org>>

ERWG Minutes Item 1: Action Taken Report by Chair

1. The Chair reviewed actions taken on the decisions made based on minutes of the Adelaide (2012) meeting.

ERWG Minutes Item 2: Review of the membership of the Working Group

2. Ir. Leon Winjker and Ir. Anneke van der Kraan (The Netherlands) were re-presenting Mr. Pol (A.L.) Hakstege in the meeting of WG. The German member Dr. Vorlop was represented by Mr. Klaus Roettcher. Young Professional Mrs. Sabina Sedine (Germany) and Slovenian member Prof. Dr. Maticic have informed the Chairman that they will be unable to attend the Mardin meeting. The French National Committee has confirmed Dr. Sami Bourfa for the membership of the ERWG.

3. The Finnish National Committee of ICID (FINCID), has informed that Mr. Jaakko Sierla is going to leave the ERWG due to his retirement and that Mr. Olli-Matti Verta who has been a young professional member of the group to be the representative of FINCID in the ERWG. Mr. Sierla has been member of the WG for many years. The WG expressed their thanks for the several years' active contribution of Mr. Sierla.

4. Dr. Ricardo Segura, member from Spain has sent a message that due to his retirement he cannot contribute to the activity of ERWG in the future. Dr. Segura has been member of the WG since 1999. The WG expressed their thanks for the several years' active contribution of Dr. Segura.

5. The Central Office may ask the Spanish and Italian National Committees to send fresh nominations for the membership of the WG.

6. The Chairman informed that due to his workload, he would like to step down from the Chairmanship of ERWG. ERWG member National Committees may explore candidates for the Chairmanship. One option could be that in the future the European Vice-President would also be the Chairman of the ERWG. PH Peter Lee informed that the IWF/ICID.UK will try to nominate Mr. Ian Makin as Vice-President next year and he could be considered as a Chairman for the ERWG. The ERWG decided to discuss this issue during the upcoming Interim Meeting at St. Petersburg in June 2014.

ERWG Minutes Item 3: Links with regional and trans-national organizations for co-operation

7. Prof. Klaus Roettcher informed the WG that he would be the Chairman of the Working Group on Decentralized Flood Protection in the DWA, 'German Association for Water Management, Waste Water and Waste' (Annex 1). The Chairman informed that 'Water Resources Research Centre Pic' (Hungary) does not exist anymore and can be removed from Annex 1.

8. The Chairman invited members to strengthen the links with organizations listed in Annex 1 and asked the WG members to send their feedback, if any, on the interaction or cooperation to Central Office.

ERWG Minutes Item 4: Dialogue on Water for Food and Environment

9. The ERWG members continued the dialogue on WFD and its implementation through tools of the Common Agriculture Policy. The WFD can be accessed at following website:<http://ec.europa.eu/environment/water>.

ERWG Minutes Item 5: European Work Team on Water Related Risk Analysis (EWTWRA)

10. The proposed mandate for the WT is as below:

- (a) WRA should focus on agriculture, in general and at the farm level
- (b) WRA should review what has been done already and what is ongoing on and how it relates to agriculture
- (c) WRA should provide guidance and information for agriculture sector in Europe on identification, forecasting, preparedness, prevention and mitigation of water related risks

11. Central Office had invited nominations for membership and Chairmanship of the new Work Team. In absence of any response, Chairman wanted to explore the interest of the members in this and other activities as no member has volunteered to Chair the WT and no nominations have been received for its membership. For the future activities of the ERWG discussion has been started, how to organise those activities.

12. The involvement of ERWG members in other WG's is as follows:

- (a) PH Peter Lee is a member of PCTA and Poverty Alleviation WG,
- (b) Mr. Mati Tõnismäe is a member of WG-Drainage,
- (c) Mr. Olli-Matti Verta is a member of WG-CAFM,
- (d) VPH Laszlo Hayde is a member of PSCO and WG-HIST,
- (e) Dr. Irina Bondarikis is a member in PFC,
- (f) Mrs. Helena Äijö is a member in WG-Drainage,
- (g) Mr. Osmo Purhonen is a member in WG-ENV,
- (h) Prof. Klaus Roettcher is a member in WG-History, WG-CAFM and Editorial Board- Journal

13. After an active conversation about the issue, the WG decided that this WT and other WT's of ERWG will be converted to Focus Groups. The Focus Groups' task will be to raise issues in ICID thematic WG's from the European point of view, to report other WG's activities back to ERWG, and to inform the ERWG on other relevant issues within the scope of Focus Groups. The Focus Groups have focus persons who are contact points for the ERWG members and reports activities in ERWG meetings. The Focus Groups and focus persons were decided as follows:

- (a) Focus Group on History; focus person VPH Laszlo Hayde,,
- (b) Focus Group on Poverty Alleviation; focus person PH Peter S. Lee,
- (c) Focus Group on Environment; focus person Mr. Osmo Purhonen,
- (d) Focus Group on Drainage; focus person Dr. Irina Bondarik,
- (e) Focus Group on Water related Risks; focus persons Prof. Klaus Roettcher and Mr. Olli-Matti Verta,
- (f) Focus Group on Project Partnership and Financing; focus person Ir. Leon Winjker.

14. It was discussed and decided to make the following presentations during next meeting of the Working Group at Korea in 2014:

- (a) The Regional co-operation and workshops held in the previous years between Baltic Countries, Russia and Finland, presented by Estonian National Committee;

- (b) The recent work and achievements of Working Group on Drainage, presented by Finnish National Committee
- (c) The revision of water safety strategy in the Netherlands, presented by the Dutch National Committee

15. The presentations and the scopes of above presentations may be further discussed during the Interim meeting of ERWG at St. Petersburg in June 2014.

ERWG Minutes Item 6: European Work Team on Sustainable Irrigation Management (EWTSIM)

16. In absence of Prof Peter Kovalenko, Chairman– EWTSIM, Dr. Irina Bondarik and the Chairman informed the WG that there was no progress made or follow up in EWTSIM.

ERWG Minutes Item 7: European Work Team on Drainage (EWTDR)

17. In absence of Dr. Konstantin P. Tuluzakov (Russia), Chair-EWTDR, Dr. Irina Bondarik informed that there will be a special meeting of EWTDR on drainage issue during the IDW at St. Petersburg in 2014.

ERWG Minutes Item 8: Conferences supported by ERWG

ERWG Minutes Item 8.1: 12th International Drainage Workshop in June 2014 at St. Petersburg, Russia

18. Dr. (Mrs.) Irina Bondarik apprised the members on preparations made for the 12th International Drainage Workshop (IDW), scheduled to be held during 23-26 June 2014 at St. Petersburg, Russia. The theme is Drainage on Wetland Agricultural Areas. The sub-themes are: advanced equipment and technologies for drainage construction on wetland land; socio-economic aspects of drainage construction on wetland land; drainage designs and analysis methods; issues of training and skill development of designers, builders and drainage system control/operation engineers; integrated approach to drainage control issues and environmental protection; economic use of drainage land; and history of drainage systems. The venue and registration details will be announced shortly in the web-site. There will be three technical tours available.

ERWG Minutes Item 9: ERWG Letter Editorial Board

19. In absence of any proposal for preparing the 'ERWG Letter' from any National Committee, it was proposed by UK representative merging the ERWG Letter with the ERWG website. However, the Chairman informed that the WG website is also very weak. Therefore, it was decided that the WG could at least upload all presentations given in the meetings for the members to download.

ERWG Minutes Item 10: Publications of the ERWG

20. The Chairman suggested that it would be a good idea that open source publications which are linked to the WG activities could be collected here. All the members and national committees were requested to share these publications. This is also applicable to workshops. These publications or their links should be sent to the ICID Central Office, to the Chairman and to the Secretaries of the WG to be listed in the Annexes 4 and 5 of the Agenda.

ERWG Minutes Item 11: Three-Year Rolling Work Plan

21. The 12th IDW will be organized in June 2014 at St. Petersburg, Russia. An interim meeting of the ERWG will also be organized during the 12th International Drainage Workshop (IDW). The Russian National Committee will also be organizing a Young Professional Fora (YPF) during the 12th IDW.

ERWG Minutes Item 12: Any other business

PH Peter S. Lee announced that the Irrigation and Water Forum (formerly known as ICID.UK) and University of East Anglia (UEA) will be hosting a half-day seminar on "The daunting challenge of canal irrigation reform for water productivity and food security" on 21 February 2014 at Institution of Civil Engineers, (ICE) London. Please contact Mr. Tim Fuller, Secretary, The Irrigation & Water Forum, UK (E-mail: Tim.Fuller@ice.org.uk) for more information and/or click at <http://www.uea.ac.uk/>



EUROPEAN REGIONAL WORKING GROUP (ERWG)**1. 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:

- (a) Knowledge transfer and exchange of experience in matters of border crossing water and land management in European countries
- (b) Co-operation of experts and organisations engaged in national, supranational and international objectives of water management and irrigated agriculture
- (c) Development and promotion of border crossing projects and conferences
- (d) Members are the ICID National Committees of 20 European countries, as below:

Country Representatives			
Austria	Mr. Frederick M. Cate	Lithuania	Dr. Antanas Maziliauskas
Croatia	Prof. Davor Romic	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. Olli-Matti Verta	Slovenia	Prof. Brane Maticic
France	Dr. Sami Bouarfa	Spain	Representative
Germany	Dr. Klaus-Dieter Vorlop Dr. Sabine Seidel as Young Professional	Switzerland	Mr. Claude Alain Vullier
Hungary	Dr. Laszlo Hayde	The Netherlands	Mr. Pol Hakstege
Ireland	Dr. John Martin	Ukraine	Prof. Peter Kovalenko
Italy	Representative	United Kingdom	Mr. Peter S. Lee

Chairman : Dr. Laszlo Hayde (Hungary)
Vice-Chairman : Prof. Dr. Peter Kovalenko (Ukraine)
Secretary (1) : Mr. Olli-Matti Verta (Finland)
Secretary (2) : Ms. Dr. Irina Bondarik (Russia) *for Russian speaking countries*
Observer : Mr. Mohammed Benblidia (IME)

2. Countries with observer status

Bosnia & Herzegovina : Prof. Dr. Mihovil Vlahinic
Moldova: Mr. Valeriu Catrinescu

3. Subordinate Work Teams

European Work Team on Water Related Risk Analysis (EWTWRA)

Chairman : To be elected
Members : To be elected

4. 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),

Dr. Olga Zhovtonog, Secretary (Ukraine),
Mrs. Ildiko Zima Szaloki (Hungary)

Observer World Bank representative

5. European Work Team on Drainage (EWTDR)

Chairman Dr. Konstantin P. Tuluzakov (Russia)
Members Dr. Irena Bondarik, Secretary (Russia)
Prof. Brane Maticic (Slovenia),
Dr. Iulian Mihnea (Romania),
Mr. Toomas Timmusk (Estonia),
Dr. Nicola Yacik (Ukraine),
Mr. Daniel Zimmer (France)

6. Editorial Board of ERWG Letter (EBLET)

Editor to be elected
Secretary to be elected
Members to be elected

7. Water Network

In addition to the European National Committees of ICID, the following organizations/association/institution has been incorporated in the ERWG Water Network:

8. Five European professional organizations

- (a) CIPR - Commission Internationale pour la Protection du Rhin
- (b) EurAgEng - Special Interest Group on Soil and Water, European Society of Agricultural Engineers
- (c) EWA - European Water Association
- (d) EWRA - European Water Resources Association
- (e) TECHWARE - Technology for Water Resources

9. Seven National Water Management Associations

- (a) BSHE - Bulgarian Society of Hydraulic Engineers
- (b) DWA - German Association for Water Management, Waste Water and Waste
- (c) DONBH - Society for Irrigation and Drainage of Bosnia & Herzegovina
- (d) LZHIS - Lithuanian Association of Land and Water Management Engineers
- (e) MHT - Hungarian Hydrological Society
- (f) RSRE - Russian Society of Reclamation Engineers
- (g) SITWM - Polish Association for Water Plant Construction and Land Improvement Engineers and Technicians

10. Six European Water Management Institutes

- (a) ACVAPROJECT - Water Management Design Institute (Moldova Republic)
- (b) DHI - Danish Hydraulic Institute
- (c) IIDS - Institute of Irrigation and Development Studies, University of Southampton (United Kingdom)
- (d) RIIDHE - Research Institute for Irrigation, Drainage and Hydraulic Engineering (Bulgaria)
- (e) VITUKI - Water Resources Research Centre Plc. (Hungary)
- (f) IME - Institut Méditerranéen de l'Eau (France)

11. Work Results

- (a) ERWG Letter No. 1 to 20 (newsletters)
- (b) Irrigation Sector Reform in Central and Eastern European Countries (project report book/CD)
- (c) European Sector Vision on Water for Food and Rural Development (report)
- (d) ICID Guide "How to work out a drought mitigation strategy" (guideline)
- (e) Water Resources Management in the Czech Republic, Hungary, Lithuania, Slovenia (book)
- (f) Diffuse Entries in Rivers of the Odra Basin (research report)
- (g) Proceedings of several European conferences
- (h) 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)
- (i) Danube Valley : History of Irrigation, Drainage and Flood Control (book)

12. Projects

- (a) Flood risk mitigation by agricultural non-structural measures
- (b) Drought mitigation strategies
- (c) Implementation of the European Water Framework Directive
- (d) Flood plain management on Odra, Nemunas and Vistula
- (e) Flood prevention strategies
- (f) Point and diffused pollutants in the Odra basin
- (g) Sustainable irrigation and drainage management under the conditions of transitional economy
- (h) Dialogue on water for food and environmental security in Central and Eastern Europe



**Minutes of the 4th Meeting of the
WORKING GROUP ON IRRIGATION AND DRAINAGE IN THE STATES UNDER
SOCIO-ECONOMIC TRANSFORMATION (WG-IDSST)
02 October 2013, 09.00-10.30 hours [Session I]
02 October 2013, 11.00-12.30 hours [Session II]
Mardin, Turkey**

Year of Establishment: 2009

Completion of the Mandate: 2015

Mandate: (1) to develop and strengthen the network among the countries of transition; (2) to organize monitoring and evaluation of common problems in the States that belong to transition economy; (3) 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; (4) to summarize the experiences in overcoming negative tendencies in organizing public-private partnerships, implementation of IWRM and broad-basing of stakeholder; (5) to monitor the ecological situation in the transition states, including problems of closed basin (Aral Sea, Caspian Sea), salinization and water logging, etc.; (6) development of appropriate advance irrigation and drainage technology in transition states and its dissemination through capacity building; (7) to promote farmer's training to create awareness about irrigated and drainage agriculture

Members Present: (1) VPH Prof. Peter Kovalenko, Chairman (Ukraine, 2009); (2) VPH Prof. Victor A. Dukhovny, Vice Chairman (Uzbekistan, 2009); (3) Prof. Dr. N. Hatcho (Japan, 2009); (4) Secretary General represented by Madhu Mohanan.

Member Hon. Present: PH Prof. Bart Schultz (The Netherlands)

Observers: (i) Dr. Katsuyuki Shimizu (Japan); (ii) Giovanni Munoz (FAO); (iii) Alexander Pafasyau (Russia); (iv) Andrew Reshetov (Russia); (v) Dr. Shukhrat Mukhamedjanov (SIC ICWC); (vi) O. Anarbekov (IWMI).

WG-IDSST Minutes Item 1: Action taken report by Chair

1. The Chairman VPH Prof. Peter Kovalenko welcomed participants and introduced scope of actions carried out by him after the meeting in Adelaide (2012) viz.:

- (a) letters sent to NCs with request to inform the WG about principal indicators on Irrigation and Drainage (I&D) in their states and positive or negative changes that took place in them;
- (b) requested members of the group to inform of their proposals on various issues.

WG-IDSST Minutes Item 2: Review of the membership of the working group

2. Nomination of Dr. Gupta (India) was deferred due to his absence at Mardin meeting while nomination of Dr. Shimizu (Japan) in place of Prof Hatcho was accepted.

3. Chair recommended discontinuation of membership of Ms. Kateryna Shatkovska (Ukraine). Prof. Dukhovny recommended Dr. Sh. Mukhamedjanov as Secretary of WG. Members of the group supported the idea. (However, in absence of formal nomination of Dr. Sh. Mukhamedjanov (Uzbekistan), he can participate in the activities of the WG as an Observer. Please also note, two persons from the same country are not allowed to be members in the same WG. For a wider representation of countries in a workbody, not more than one membership from one country should normally be maintained - as per Annex 1 of PCSO, 2011).

WG-IDSST Minutes Item 3: Develop and strengthen the network among the countries

4. The Chairman invited members to present their country experiences. However, no presentations were made.

WG-IDSST Minutes Item 4: Monitoring and evaluation of common problems in States with economy in transition

5. Some new data were introduced by Russia, Ukraine and SIC ICWC for all Central Asian states. Chairman Prof. P. Kovalenko presented the data from which it was clear that there is reduction of irrigated land area in most countries of Eastern Europe and Kazakhstan.

WG-IDSST Minutes Item 5: Create database on irrigation and drainage in the countries of transition

6. Participants supported proposal of chairman to create data base for all states with transitional economy based on new survey and circulate the same among the members. A concept note on the topic is attached as **Annex**.

WG-IDSST Minutes Item 6: Develop public-private partnership and implementation of IWRM

7. VPH Prof. Dukhovny made a presentation on “IWRM in Central Asia – Results and Perspectives” at the meeting of the WG as an example of mutual work with International Organizations viz. GWP, IWMI. This reinforced mutual cooperation and dissemination of the experience in developing IWRM strategy. The dialogue on such experiences was promoted by the Chairman. The importance of implementation of IWRM was understood by all participants. Develop public-private partnerships and work on implementation of IWRM in member countries.

WG-IDSST Minutes Item 7: Identify and monitor problems (ecological situation) of closed basins

8. At Adelaide (2012), the group discussed about the major closed basins (10) in the world and suggested to seek collaboration with Lake Chad Basin Committee (LCBC) in presence of Mr. Tchouadang Kadjonga from Ministry of Agriculture, Chad. Prof Dukhovny was in contact with Mr. Kadjonga for possible collaboration towards identifying and monitoring problems of closed basins. In absence of Mr. Kadjonga at Mardin meeting, the discussion on the subject was deferred till next meeting in Korea in 2014. The Chairman may initiate discussion via email.

9. Prof. V. Dukhovny presented to participants a new direction of environment protection through “Green water development – way for effective survival for Central Asia”.

WG-IDSST Minutes Item 8: Development of appropriate advanced irrigation and drainage technologies

10. Unfortunately none of the donors to whom SIC ICWC approached together with EECCA network provided any positive response.

WG-IDSST Minutes Item 9: Create awareness about irrigated (drained) agriculture (capacity building)

11. Dr. Shukhrat Mukhamedjanov made a presentation on “Knowledge base for farmers” at the meeting and WG members had intensive discussion about ways to transfer the best experience and to create awareness about advances in irrigated agriculture. Training in irrigation water management is crucial and a pre-requisite for increasing water use efficiency and thereby the food and water productivity, Dr. Mukhamedjanov said.

WG-IDSST Minutes Item 10: Publication of the Working Group

12. WG discussed possible way for preparation of a document titled “Specific transformations in irrigated agriculture and water management in countries with transition economy”. Prof. P. Kovalenko and Prof. V. Dukhovny would prepare contents for the publication. SIC ICWC will edit the document. WG requested PCSO Chairman to arrange for financial resources to publish it.

WG-IDSST Minutes Item 11: Three-year work plan

13. The members agreed to prepare a 3-year work plan. All members may provide inputs to Prof. P. Kovalenko before the end of 2013.

WG-IDSST Minutes Item 12: Any other business

14. Prof. P. Kovalenko informed all participants about the conference EECCANBO in Moscow together with GWP during 7-8 November 2013 with themes related to improvement of water and irrigated situation in Russian speaking countries.



FIRST WORLD IRRIGATION FORUM

Concept Note of Need to Organize New Survey Situation in Irrigation in States of Transition Economy and to Publish New Review

1. Present situation in I&D in states of transition economy should be on from most painful subject in problems related to global decision of agrarian development and food security in World. If I&D areas at all globe is strictly growing, I&D areas in EE and NIS countries lost more than 11 million hectare after independence and failure of socialistic camp. ICID and GTZ in 2005 provided review situation only in Central Europe and published results in special publication "Irrigation sector reform in Central and Eastern European countries", 2006.
2. After 2005 all states went through strong restructurization on the way transfer from administrative socialistic to market economy. But situation in each countries is very different – from well-developed and progressing I&D in most Central Asia states, that were not account in previous review, proper movement in Ukraine and Caucasia, but strong collapse in Russia, Kazakhstan and most Central European states. Nevertheless all states with transition economy has similar problems that reflected on their success in adaptation of I&D to new conditions. Beside common for World climate changes, demographic pressure, growth of water scarcity, they differentiated by continued restructuring of agrarian sector on the way from state and cooperative farms to more small land users, difficult approach to credit line, reduction of state attentions and investments, competition with hydropower and water supply, need to renovate infrastructures that were constructed 30 -60 years ago. If add to this troubles drain of brains, weakness engineering organizations as educational same design, situation in these states requested new analyze and new decisions, based on experience those from them who more-less succeeded.
3. WG-IDSST proposed to organize repetition same very useful survey that was done in 2005 on the situation in 2014 follow the same content and structure that was in previous publishing. But new review should include states of Central Asia and Caucasia with Accent on the more attention to development new institutional structure that combine state vis-a-vis private governance and management, implementation of IWRM, water saving and increase productivity of lands same as adoption to climate changes.
4. Leading role in this publication will belong to chairman of WG VPH prof. P. Kovalenko together with ICID HQ. SIC ICWC VPH Prof V. Dukhovny will promote gathering of materials from CCA and publishing preparation of editing. Supposed that accordance of single methodological and contempt approach approximately 15 -17 national groups will prepare national reviews with follow up aggregation of content on the regional level by WG leadership. Preliminary cost near 25 -30 thousands USD.



**Minutes of the 19th Meeting of the
WORKING GROUP ON YOUNG IRRIGATION PROFESSIONALS FORUM (WG-YPF)
02 October 2013, 09.00-10.30 hours [Session I]
02 October 2013, 11.00-12.30 hours [Session II]
Mardin, Turkey**

Year of Establishment: 1993

Mandate: (1) 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, (2) To facilitate the development, acquisition and wider dissemination of knowledge and information about irrigation, drainage, flood management and environment amongst the young professionals, (3) To maintain and enhance links with national and international youth having interests in the related subjects or the activities relevant to ICID objectives, and (4) 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. Morteza Yazdekhashti; (2) Ir. Fabian Priandani, Vice Chairman (Indonesia, 2010); (3) Mr. Homan Khaledi (Iran, 2009); (4) Dr. Yacob Beletse (South Africa, 2010) represented by Dr. Michael van der Laan; (5) Dr. Sung Hee Lee (Korea, 2011); (6) Mr. Gao Lihui (China, 2011); (7) Ms. Ezee G.C. (Nepal, 2012).

Observers: (i) Mr. Namjoo Heo (Korea); (ii) Mr. Atsushi Marui (Japan); (iii) Mr. Mphabo Malota (Malawi); (iv) Marnet Shaki Ngosi (Malawi); (v) Cuthbert Kaba Nabilse (Ghana); (vi) Ousseni Kinda (Burkina Faso); (vii) Ms. Pooja Kapoor (India); (viii) Gül Özerol (Turkey); (ix) Kotaro Mizoguchi (Japan); (x) Bryce Contor (USA); (xi) Pin-Han Kuo (Chinese Taipei); (xii) Golamreza K. Sahoti (Iran); (xiii) Violey Moyo (Malawi); (xiv) Anderson Mbozi (Malawi); (xv) Rozalija Cvejic (Slovenia); (xvi) Annekevan der Kraan (Netherlands); (xvii) Matjaz Tratnik (Slovenia); (xviii) J.P. Venot (France).

Website: <<http://wg-ypf.icidonline.org/>>

(In absence of Chair Mr. Morteza Yazdekhashti (Iran) prepared the draft minutes)

WG-YPF Minutes Item 1: Action taken report by Chair

1. In absence of Chairman, the action taken report could not be presented. Although Vice Chair Ir. Fabian Priandani was present, he requested Mr. Morteza Yazdekhashti, representative of Mr. Yaser Barghi, to conduct the meeting.

WG-YPF Minutes Item 2: Review of the membership of the Working Group

2. Out of six nominations received, only Dr. Atsushi Marui from Japan and Ms. Pooja Kapoor from India were present. Their membership was accepted. Mr. Homan Khaledi from Iran was present in 2013 at Mardin meeting and therefore his membership will be continued.

3. Concept of Associate Membership was introduced by Mr. Avinash Tyagi, Secretary General wherein YPs could directly apply for ICID for membership.

WG-YPF Minutes Item 3: Review of the progress made by the National Committees in establishing Young Professionals Forum (YPF)

4. No new YPFs were reported. However, France, India, Japan, Malaysia, Spain, South Africa, and Turkey have their YPF directories that need to be updated. To encourage the participation of YPs, the Russian National Committee (RuCID) has been requested to explore the possibility of full waiver of the registration fee for YPs to attend the 12th International Drainage Workshop in 2014 at St. Petersburg, together with cheap accommodation.

WG-YPF Minutes Item 4: Establishment of a Network of Young Professionals through development of a web-based platform

5. Since 'Facebook' is banned in some countries, it was proposed to establish a more professional network like 'LinkedIn' besides 'Facebook'. The Chairman agreed to take the responsibility of hosting / administering the site.

WG-YPF Minutes Item 5: Establishment of a Mentorship program in National Committees

6. Mentorship program was introduced and welcomed by all participants. The Japanese success story was presented by Dr. Atsushi Marui and idea of one mentor to many mentees was also welcomed. Suggestion was made that the last year students of a degree course could also be a Mentee. Mentorship program needs to be widely circulated to all the National Committees.

WG-YPF Minutes Item 6: Activities of YPF members

7. Members were requested to take up the following activities on priority basis viz. submission of papers for publication in ICID Journal, submit briefs on YPF activities for YPF Newsletter, and compete in WatSave Awards etc. Following NCs reported their progress –

- Iran reported that they have weekly meetings.
- Japan reported to have meetings twice a year.
- Korean young professionals also meet regularly being co-workers in the same company.

WG-YPF Minutes Item 7: Publications of the Working Group

8. The group discussed to compile biographies of water professionals in irrigation and drainage areas which was well accepted by the members.

WG-YPF Minutes Item 8: Three-year work plan

9. Three-year work plan was discussed. It was decided to organize a Special Session for YPs during the Korea Congress in 2014. The WG Identified “Way forward for young Water Professional” to be the theme of the Special Session during Korea Congress in 2014. Dr. Lee (Korea) will design a half-day session in cooperation with the Chair. It is also proposed to involve YPs in all sessions to assist in the activities of the congress sessions. A formal request to this effect will be made to Yaser Barghi (Iran), Gul Oterol (Turkey), Jean Philippe Venot (France), Heo Namjoo (Korea), Lee Jung Lee (Korea) and many more from other NCs.

WG-YPF Minutes Item 9: Any other business

10. Feedback on UNESCO-IHE online SOMIS course was read out and all members expressed their appreciation for the program. Suggestion was made for having a programme on ‘hydrology of basin’ where data is either not available or scantily available”.



**Minutes of the 24th Meeting of the
COMMITTEE ON CONGRESSES/CONFERENCES (C-CONGR)
02 October 2013: 13:30-15:00 hours (Session-I)
02 October 2013: 15:30-17:00 hours (Session-II)
Mardin, Turkey**

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, represented by Mr. Morteza Yazdekhashti; (3) Dr (Mrs) Irena Bondarik, Russian representative; (4) Mrs. Serpil Koylu, Turkish representative; (4) Dr. Arthon Suttigarn, Thai representative; and (5) Er. Avinash C. Tyagi, Secretary General, ICID.

Observers: (i) Dr. Daesu EO (Korea); (ii) Ir. Gilyoung Kim (Korea); (iii) Ir. Sungyal-Kzun (Korea); (iv) Ir. Won-Ho, NAM (Korea); and (v) Mr. Syaiful Mahdi (Indonesia).

Website: <<http://c-congr.icidonline.org>>

C-CONGR Minutes Item 1: Action Taken Report by Chair

1. The Convener Prof. Tai-Cheol Kim informed the members that ICID Central Office was in contact with various host NCs organizing events for ICID. He referred to changing 'Asian Regional Conference' to 'World Irrigation Forum' in Turkey.

C-CONGR Minutes Item 2: Membership of the Committee

2. No new members were admitted to the Committee.

C-CONGR Minutes Item 3: Overview of outcomes of the Mardin (Turkey) Meetings (29 September – 05 October 2013)

C-CONGR Minutes Item 3.1: First World Irrigation Forum (1st WIF)

3. Mrs. Serpil Koylu, TUCID representative briefed the Committee on the just concluded WIF-1. The main theme of the 1st WIF was "*Irrigation and Drainage in a Changing World: Challenges and Opportunities for Global Food Security*". In order to successfully organize the 1st WIF, a Steering Committee was established with Chair TUCID and President, ICID as Co-Chairs. The Committee held three meetings.

4. More than 186 papers, short communications and posters were presented and discussed under three Sub-themes of the Forum, namely, (1) Policy, Science and Society Interactions; (2) Challenges and Developments in Financing Irrigation and Drainage Sector; (3) Integrated Water Management Approaches for Sustainable Food Production. In addition to the thematic sessions there were three workshops, two Roundtables, two Panel discussions, 23 Side events and an Exhibition.

5. During the Inaugural Ceremony, H.E. Prof. Dr. Veysel EROGLU, Turkish Minister of Forestry and Water Affairs presented the first World Irrigation and Drainage Prize 2013 to Vice President Hon. Prof. Victor A. Dukhovny (Uzbekistan) for his outstanding contributions. The WID prize comprised of a cash award of US\$ 10,000 and magnificent trophy.

C-CONGR Minutes Item 4: Feedback from the organizers of past events

C-CONGR Minutes Item 4.1: Feedback from 21st ICID Congress and 62nd IEC, Iran in October 2011

6. Mr. Morteza Yazdekhashti, a representative from Iran, presented the additional feedback from 21st ICID Congress and 62nd IEC at Tehran, Iran in October 2011. He mentioned the strengths and weakness of organizing the events in Tehran. The strengths were as follows:

- (a) Great cooperation of student volunteers for organizing the congress.
- (b) Cooperation of several Iranian public and private sector for holding the congress such as ministry of energy, Agriculture, foreign affair.
- (c) Preparing an exclusive list of address/emails of professionals in water and agriculture - 30,000 persons
- (d) Discounts were available at hotels.
- (e) Accompanying Person Tour was superb and much appreciated.

7. Problems and difficulties were as follows:

- (a) Selecting Tehran city (capital of Iran) for holding the congress had several problems such as traffic, high costs, transportation etc.
- (b) Did not have a complete list of professionals from pervious ICID events for circulating announcements.
- (c) Received several requests for waiving the registration fee or taking discount.
- (d) Received about 200 registration forms from some countries, which unfortunately were illegal migrants.

8. The Committee was informed that Central Office is now requesting the host NCs to provide the complete list of participants of the ICID events so that a consolidated list of such participants, individuals, institutions as well as exhibitors, (consolidated list of potential participants) is made available to the host NC of future events. It was also pointed out that a close liaison with CO is always useful in the case of issuing visas etc. as was maintained during WIF-1.

C-CONGR Minutes Item 4.2: Feedback from 63rd IEC and 7th Asian Regional Conference, Australia, June 2012

9. There was no representative from Australia in the meeting. However, it was regretted that information on the participants, the exhibitors and pictures from the 63rd IEC have not been made available to Central Office.

C-CONGR Minutes Item 4.3: Feedback from 11th International Drainage Workshop, Cairo, Egypt, September 2012

10. Secretary General Avinash Tyagi apprised the members on the 11th International Drainage Workshop held in September 2012 at Cairo, Egypt. He said that the workshop was well organized with good number of papers and lots of interested participants. The outcomes of the workshop were briefly presented in News Update (September 2012).

C-CONGR Minutes Item 5: 22nd ICID Congress with 65th IEC meeting, 14-20 September 2014, Gwangju Metropolitan City, Republic of Korea

C-CONGR Minutes Item 5.1: Review and discuss the preparations of the 22nd ICID Congress

11. Dr. Daesu EO (Korea), Secretary General, National Organizing Committee (NOC) of Korean National Committee on Irrigation and Drainage (KCID), apprised the members on preparations for the 22nd ICID Congress and 65th IEC. The events will be held in Gwangju Metropolitan city. The main theme of the Congress is "*Securing Water for Food and Rural Community under Climate Change*". He presented the basic information of the city. KCID supported by KRC is expecting 1,000 delegates for the Congress. Dr. Daesu EO recommended the delegates to travel to the Convention center in Gwangju from Incheon International airport by Bus. It is more comfortable than other mode of travel/routes. It takes about three and a half hours by bus. The representative from Iran and Indonesia requested to reduce the high tariff of Hotels, if possible, especially for Young professionals. Dr. Daesu was requested to explore the possibility of arranging cheaper accommodation for YPs and some participants from developing countries.

C-CONGR Minutes Item 5.2: The Questions and sub-topics of the 22nd ICID Congress

12. The Questions and sub-topics of the 22nd ICID Congress had been approved by the Committee in the 62nd IEC at Tehran, Iran and have been circulated to all.

C-CONGR Minutes Item 5.3: Special Round Table for Least Developed Countries (LDCs)

13. It was noted by Convener of C-CONGR that KCID would be organizing a roundtable to focus on issues emerging from LDCs/developing countries from Africa, Asia and Latin America. The Committee appreciated the efforts of KCID in mobilizing participation for these countries. This follows the recommendations made by the ASRWG WT-LDC of ICID in 2009.

14. Mr. Daesu Eo, Secretary General of National Organizing Committee (NOC), apprised the committee on the Round Table discussion format, speakers, time etc. but emphasized that the contents of the discussion will be largely decided by KOICA and KRC.

C-CONGR Minutes Item 5.4: General Reporters / Panel Experts

15. The Secretary General informed the members that the Central Office has already received some nominations for General Reporters and Panel Experts and the list would be finalized in consultation with the host NC.

C-CONGR Minutes Item 6: Preparations for the future events for the next 3 years

C-CONGR Minutes Item 6.1: 12th International Drainage Workshop (IDW), St., Petersburg, Russia, June 2014

16. Dr. (Mrs) Irena Bondarik (Russia), representative of National Committee of the Russian Federation on Irrigation and Drainage (RuCID) apprised the members on overview of the 12th International Drainage Workshop (IDW). The event will be held during 23-26 June 2014 at St., Petersburg, Russia. The main theme of the workshop is "*Drainage of waterlogged agricultural areas*". The deadline for receiving 'Extended Abstracts' is 01 February 2014. RuCID has been requested to explore the possibility of arranging full exemption of registration fee to at least 10 YPs, if not all.

C-CONGR Minutes Item 6.2: 66th IEC and 26th ERC, France, Montpellier, October 2015

17. The Chair on behalf of Dr. Dominique ROLLIN (AFEID) presented some information for 66th IEC and 26th ERC. The events will be arranged at Montpellier, France during 11 to 16 October 2015. The name of the venue is 'LE CORUM' in Montpellier. There will be a post conference technical tour on October 17. The sub-themes of the 26th European Regional Conference are: (i) Innovations for Smallholders in Irrigation, (ii) Wastewater Use in Agriculture and (iii) Governance of Surface Water and Ground water.

C-CONGR Minutes Item 6.3: 67th IEC and 2nd World Irrigation Forum, Chiang Mai, Thailand, 2016

18. Dr. Arthon Suttigarn, representing THAICID, apprised the committee on the overview of 2nd WIF and 67th IEC at Chiang Mai, Thailand in 2016. THAICID in cooperation with the Royal Irrigation Department will organize the ICID events in November of 2016 at the International Convention and Exhibition Center at Chiang Mai. This will also be the occasion to Commemorate His Majesty's 7th Cycle Birthday Anniversary or CMICE in Chaing Mai. The theme of 2nd WIF will be announced in due course of time.

19. Mr. Syaiful Mahdi (Indonesia) suggested that THAICID could provide a half day free tour for accompanying persons and technical tours for participants. He also suggested THAICID to exhibit a cultural dance at the farewell dinner.

C-CONGR Minutes Item 7: Proposals for future ICID Conferences

20. The ICID Central Office has received an '*Expression of Interest*' from Zimbabwe Committee on Irrigation and Drainage (ZwCID) for hosting 23rd International Congress on Irrigation and Drainage and IRNCID for hosting the 13th International Drainage Workshop (IDW), both in 2017. However, the Convener informed that the future ICID conferences in 2017 will be considered during the IEC meeting in 2014.

C-CONGR Minutes Item 8: Website of C-CONGR

21. The Convener suggested to look at the C-CONGR websites <http://c-congr.icidonline.org> for more information on ICID events.

C-CONGR Minutes Item 9: Any other Business

22. The meeting ended with thanks to Convener.



**Minutes of the 16th Meeting of the
WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE AND
FLOOD CONTROL (WG-HIST)**

01 October 2013, 09.00-10.30 hours [Session I]

01 October 2013, 11.00-12.30 hours [Session II]

Mardin, Turkey

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, climatologically 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. Kamram Emami, Chairman, (Iran, 2009); (2) Dr. H.C. Toussaint, Secretary, (the Netherlands, 2005); (3) Prof. dr. N. Hatcho (Japan, 1996); (4) Mrs. Xuming Tan (China, 1997); (5) VPH Dr. Laszlo Hayde (Hungary, 2001); (6) Mr. Charles L. Abhernethy (UK, 2005) represented by Mr. I.W. Makin; (7) Prof. dr. ing. Klaus Röttcher (Germany, 2006), (8) Prof. Wen-Pin Shu (Chinese Taipei, 2006) represented by Dr. Chih-Hung Tan (Chinese Taipei); (9) Dr. Jeong-Woo Na (Korea, 2007) represented by Dr. Sung-Hee Lee.

Members Hon.: (i) PH Prof. dr. Bart Schultz and (ii) VP Gerhard Backeberg (South Africa)

Observers: (i) Dr. Ray-Shyan Wu (Chinese Taipei), (ii) Dr. Chi-Jui Huang (Chinese Taipei), (iii) Mr. Piehui Duan (China), (iv) Mr. Yun-Peng Li (China), (v) Arif Karakaya (Turkey), (vi) Mahmet Copkun (Turkey), (vii) Giacomo Terrugi (WMO, Italy), .

Website: <<http://wg-hist.icidonline.org/>>

WG-HIST Minutes Item 1: Action taken report by Chair

1. The Chairman referred to actions on the decisions made during the last meeting of the WG at Adelaide (2012).

WG-HIST Minutes Item 2: Review of membership of the Working Group

2. The new nominations of Mr. Mirza Asif Baig (Pakistan) in place of Dr. I.B. Shaikh and Mr. Basudev Timilsina (Nepal) – re-nominated were not considered as they were not present. Chair asked CO to contact the NCs in order to re-affirm the above nominations.

3. At the meeting, nomination of Dr. Chih-Hung Tan (Chinese Taipei) replacing Prof. Wen-Pin Shu was received. The Chair recommends the nomination. The group accepted the nomination and welcomed Dr. Tan as a new member. *(However, in absence of formal nomination, and CV from Chinese Taipei Committee (CTCID), his membership is subject to receiving the nomination from CTCID. Till then, Dr. Tan can participate as an 'Observer' in the activities of the WG).*

4. On the basis of the non-attendance, non-participation, no communication with ICID, during the last 2 or more consecutive years, discontinuation of the membership of Dr. Jeong-Woo Na (Korea) was discussed. It was decided that no discontinuation will be effected. *(However, since no reason was given for continuation, as per IEC minutes, his membership is discontinued).*

5. The WG member from Spain, Prof Segura has resigned from the WG membership due to his retirement. The CO may request Spanish National Committee to send a new nomination. The group thanked Prof. Segura for his various contributions to the WG.

WG-HIST Minutes Item 3: Task Team on Historical Irrigation Structures

6. Post Adelaide meetings (2012), the process of recognizing the historical irrigation structures was initiated. The Chairman who is also the Vice Chairman of the Task Team apprised the members of the progress made by the Task Team. The WG members decided to support the work of Task Team. In addition, the group suggested that the members may cooperate with the UNESCO ICOMOS Conference on Water and Heritage. The conference was recently held in Amsterdam. The ICOMOS conference statement may be included on the WG website. Cooperation with other heritage organizations needs to be explored by the WG.

7. The group recommends that the Panel of Judges may include the Chairman of the WG-HIST and a WG member from the region where the nominated heritage structure is located. The discussion paper on the subject has to be further improved by Chairman and would be circulated among the WG members for information and comments.

WG-HIST Minutes Item 4: Publications of the Working Group

WG-HIST Minutes Item 4.1: 'Monsoon Asia History'

8. The group has been in the process of publishing Monsoon Asia History under the leadership of Prof N. Hatcho (Japan). Chairman appreciated the efforts of Prof N. Hatcho and Ms. Badra Kamaladasa (Sri Lanka) for their contributions.

9. A concise format to prepare the national irrigation histories would be distributed. These national histories would be used in the book on 'Monsoon Asia History' and the book will be brought in line with the upcoming book on 'Water History and Sustainability'. Efforts need to be made to obtain the comparative history of the US Army Corps of Engineers. Dr. Toussaint, the editor of the book, apprised the group. Despite several delays, the book is expected to be issued in 2014 and will be sent to WG members.

WG-HIST Minutes Item 4.2: 'History of Irrigation, Drainage and Flood Control in Southern Europe and the Mediterranean'

10. The articles from France and Italy are still awaited and therefore the WG may proceed with preparing the CD-ROM version now and insert the missing chapters later, when available. Chair will contact Prof Segura (Spain) for providing the final version of his contribution. CO is ready to publish the above CD-ROM, if the final English version is made available to them in ready to print format.

11. The WG congratulated ITAL-ICID for bringing out their excellent publication titled "Land Reclamation, Irrigation and Flood Protection". These volumes are in hard copy and can be requested from ITAL-ICID <info@italicid.it, marco.arcierci@regione.basilicata.it>. The WG suggested that ITAL-ICID books, and the three preceding ICID books, already published, may be referred when finalizing the comparative book on Southern Europe.

WG-HIST Minutes Item 4.3: Other publications

12. Chairman presented a structure and table of contents (**Annex 1**) for the book on 'Water History and Sustainability', focusing on lessons learned. Mr. Bryce A. Tontor (USA) may be requested (bcontor@rockymountainenvironmental.com) to provide his contribution for inclusion in the book. The WG endorsed the structure of the book. The deadline to complete the proposed chapters is set as 1 March 2014.

13. A draft version of the book will be presented at the next meeting of the working group in Korea (2014).

WG-HIST Minutes Item 5: Seminars organized by the WG

WG-HIST Minutes Item 5.1: History Seminar in 2013

14. The papers received for the international workshop on 'Historical Water Sustainability' to be held on 3 October 2013 at Mardin will be used as source material for the upcoming book on 'Water Wisdom and Sustainability'.

WG-HIST Minutes Item 5.2: History Seminar in 2014

15. The WG will be organizing an international History Seminar on 'Historical Water Sustainability: Lessons to Learn' in 2014 in Korea. This was agreed during Adelaide meetings in 2012. The scope and sub-themes of the seminar will be finalized in due course.

WG-HIST Minutes Item 6: Three-year work plan

16. The format in **Annex 2** was confirmed after adding a book on 'Water Wisdom and Sustainability'.

WG-HIST Minutes Item 7: Website of WG-HIST

17. The new website of WG-HIST http://www.icid.org/wg_hist.html is fully functional. A link of the excellent report on 'Irrigation Tunneling in Ancient Indonesia' brought out by INACID is available on the WG website. Members were requested to bring out similar publications, showcasing the history of irrigation and drainage.

WG-HIST Minutes Item 8: Any other business

18. In October 2012, Dr. Backeberg informed the CO that they were in the process of completing the document of History of Irrigation in South Africa, an exercise which was initiated more than 10 years ago by SANCID. Presentation of this book is to be expected in Korea in 2014. Dr. Backeberg presented another book on 'Dam structures in South-Africa' to the Chair.

19. Prof. Röttcher referred to the activities of the German Water History Institute related to building up a collection of water resources management books. The Institute composed list of their books. Prof. Röttcher made a presentation on the historical water games park in Kassel, a new world heritage site.



PUBLICATION ON WATER WISDOM AND SUSTAINABILITY

Sr. No.	Members	Title	No. of pages	Deadline
1.	Dr. Kamran Emami, (Iran)	Introduction Water Sustainability Sustainable flood Management Conclusion	5-10 5-10 5-10 10-20	1-4-2014
2.	Dr. Bert Toussaint (The Netherlands)	Water history and Sustainability in Netherlands	10-20	1-3-2014
3.	Prof. Dr. N. Hatcho (Japan)	Water history and Sustainability in Japan	10-20	1-3-2014
4.	VPH Dr. Ricardo S. Graino (Spain)	Water history and Sustainability in Spain	10-20	1-3-2014
5.	Mrs. Xuming Tan (China)	Water history and Sustainability in China	10-20	1-3-2014
6.	(Pakistan)	Water history and Sustainability in Pakistan	10-20	1-3-2014
7.	VPH Dr. Laszlo Hayde (Hungary)	Water history and Sustainability in Hungary	10-20	1-3-2014
8.	Mr. Satit Maneepai (Thailand)	Water history and Sustainability in Thailand	10-20	1-3-2014
9.	Mr. Yogesh Paithankar (India)	–	10-20	1-3-2014
10.	VPH Dr. A. Hafied A. Gany (Indonesia)	Water history and Sustainability in Indonesia	10-20	1-3-2014
11.	Mr. Charles L. Abernethy (UK)	Operation and Maintenance in the context of sustainability	10-20	1-3-2014
12.	Dr. Ing. Klaus Röttcher (Germany)	To be proposed	10-20	1-3-2014
13.	Prof. Tan (Chinese Taipei)	Water history and Sustainability in Taiwan	10-20	1-3-2014
14.	Dr. Jeong-Woo, Na (Korea)	To be proposed	10-20	1-3-2014
15.	Mrs. Ela Ekin (Turkey)	Water history and Sustainability in Turkey	10-20	1-3-2014
16.	Dr. Semsar Yazdi	Sustainable Qanats		1-3-2014

Editor: Ms. Sophia Montakhab**Edition:** 2 month (finish by 1-5 -2014)**Final Review by WG members:** 3 months (finish by 1-8-2014)**Final Approval:** 1.5 months (15-9-2014) during WG meeting in Korea

THREE-YEAR WORK PLAN

Activity	2013	2014	2015
<i>Publications</i>			
• Monsoon Asia History	√	√	√
• History of Irrigation, Drainage and Flood Control in Southern Europe and the Mediterranean	√	√	√
• Water Wisdom and Sustainability	√	√	√
<i>Workshops/ Seminars</i>	History Seminar in 2013	History Seminar in 2014	
Databank of Documentaries on water history	√	√	√
Cooperation with Int'l Bodies	√	√	√



**Minutes of the 20th Meeting of the
ICID JOURNAL EDITORIAL BOARD (EB-JOUR)
01 October 2013, 09.00-10.30, hours [Session I]
01 October 2013, 11.00-12.30, hours [Session II]
Mardin, Turkey**

Strategy Theme: Knowledge

Year of Establishment: 1994

Mandate:(i) To ensure with the (Joint) Editor(s) that the Journal is published in accordance with editorial policies; (ii) To select and recommend to IEC, through PCTA, the appointment of (Joint) Editor(s), Associate Editors and Members; (iii) To review and update editorial policies when required, to conform with the developing ICID objectives; (iv) To address and resolve issues pertaining to the Journal; and (v) 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) Prof. Machiel F. Vijoën, Associate Editor (South Africa, 2009); (3) Dr. Takao Masumoto, Associate Editor (Japan, 2011); (4) VPH Larry D. Stephens (USA, 2001); (5) Dr. Yohei Sato (Japan, 2009); (6) Prof. Dr. Mohd. Admin Bin Mohd. Soom (Malaysia, 2009); (7) Dr. Mohammad Javad Monem (Iran, 2011); (8) Prof. Dr.-Ing Klaus Rottcher (Germany, 2011); and (9) Dr. Li Jiusheng (China, 2012).

Nominated Members: (1) Dr. Henk Ritzema (The Netherlands); (2) Prof. Leon van Rensburg (South Africa); (3) Dr. Biju George (Australia), Associate Editor; and (4) Prof. Dr. Joong Dae, Choi (Korea).

Observer: Dr. Yingduo Yu (China).

Website: <http://www.icid.org/wiley_journal.html>

EB-JOUR Minutes Item 1: Action Taken Report by Chair (from Editor, Chairman etc.)

1. The report of the Chairman for 2012 was disseminated to the members of EB-JOUR before the meeting. Various points emerging from the report were presented at the beginning of the meeting and discussed.
2. The impact factor of the Journal has gone down to 0.685 during the year 2012. However, the five year average impact factor is 1.1.
3. The Associate Editors and Reviewers were requested to work as much as possible through the Manuscript Central System of Wiley for reviewing the manuscripts.
4. The Board was informed that since the Chairman will prepare a draft note on the types of papers that are acceptable to Journal for publication and otherwise. This note will be circulated among the members of EB-JOUR for their comments.

EB-JOUR Minutes Item 1.1: Special issues

5. The Board was informed that since the meeting in Adelaide (2012) one more Sponsored Special Issue was published in 2012 on the theme "Rainwater harvesting and conservation techniques for improving household food security". Guest editor Leon Daniel van Rensburg. This issue was mailed together with the regular issue 61.4. The sponsor was the South African National Committee of ICID.
6. The Board was informed that in 2013 three special Issues will be published, two of them will be Sponsored Special Issues. These are :
 - a. A Special Issue with selected papers of the Tehran Congress. This special issue has been published as the regular issue 62.3 in July 2013.
 - b. A Sponsored Special Issue on the theme Sustainable water and land management in tidal areas. Guest Editors: Park Sang Hyun, Shigetaka Taniyama and Jonathan Simm. This issue will be mailed together with the regular issue 62.4. The sponsors are the Japanese and Korean National ICID Committees and the Chinese Taipei Committee(since been published as Volume 62 Supplement 1 in October 2013)

- c. A Sponsored Special Issue on the theme Soil, water, and vegetation monitoring and modelling. Guest Editors: Lucio Ubertini and Fernando Miralles-Wilhelm. Sponsors the Princeton University, National Research Council of Italy (CNR) and Florida International University. This issue will be mailed together with the regular issue 62.5.

7. In 2014 a special issue is expected to be published with selected papers from the First World Irrigation Forum. This special issue is expected to be published as the regular issue 63.2.

8. In 2014 or 2015 two other special issues are expected to be published:

- a. A special issue with selected papers of the 22nd ICID Congress in Gwangju, Korea;
- b. A sponsored special issue with papers derived from one of the Congress Topics and sponsored by the Korean National Committee.

EB-JOUR Minutes Item 1.2: Book Reviews

9. In Issue 61.5 a book review by Daniele de Wrachien (Italy) had been published of the book: 'Management of Drip/Trickle or Micro irrigation', Edited by Megh Raj Goyal. The EB expresses its gratitude to Prof. de Wrachien.

EB-JOUR Minutes Item 1.3: French resumsés

10. For all submitted papers, Bernard Vincent (France) has checked the French Titles and Resumes. The EB expresses its gratitude to Bernard Vincent.

EB-JOUR Minutes Item 1.4: Recognition to the reviewers

11. The Guest Editors and Reviewers of papers in 2012 have been listed and recognized in the first issue of the Journal in 2013. The EB expresses its gratitude to all of them.

EB-JOUR Minutes Item 1.5: Best Paper Award 2013

12. In 2012, 93 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 2013' will be announced during the IEC meeting.

13. (The Best Paper Award 2013 has since been awarded to Messrs P.J.G.J. Hellegers, H.C. Jansen and W.G.M. Bastiaanssen from The Netherlands to the paper titled "An Interactive Water Indicator Assessment Tool to Support Land Use Planning" published in Volume 61, Issue 2 of Irrigation and Drainage - the Journal of ICID. Please access at http://www.icid.org/best_pap2013.pdf for the paper. The award was received by Prof. (Mrs.) Charlotte de Fraiture, Chairperson, Netherlands National ICID Committee (NETHCID) on behalf of the authors).

EB-JOUR Minutes Item 2: Review of the membership of the Working Group

Term of members

14. By January 2013 Prof. Dr. Nick van de Giesen (The Netherlands) stepped down as Joint Editor and continued as Associate Editor. At the same time Dr. Kristoph-Dietrich Kinzli P.E. (USA) started as Joint Editor of the Journal.

15. Mrs. Isabelle Proulx (Canada), Prof. Dr. Soon-Kuk Kwun (Korea) and Prof. Machiel F. Viljoen (South Africa) informed the Chairman that they want to step down from the Editorial Board. Their work for the Journal was highly appreciated.

16. The following nominations have been received from the National Committees and are recommended by the Board for approval:

- a. Prof. Leon van Rensburg, South Africa as Associate Editor;
- b. Dr. Biju George, Australia as Associate Editor;
- c. Dr. Henk Ritzema, The Netherlands as member;
- d. Prof. Dr. Joong Dae, Choi, Korea as member.
- e. Mr. Brent Paterson, Canada as member.

EB-JOUR Minutes Item 3: Distribution of the Journal among the ICID membership

17. After consultation with the National Committees, the list of members for distribution of IRD in 2013 to the National Committees (in principle 10 copies to each committee) and Work Body members and Office Bearers has been timely sent by Central Office to M/s Wiley, with an update in June 2013.

18. In the update the new category of Direct ICID Members has been added to the list of membership. The totals for 2013 are 292 online only, 282 online + print and 273 print only, which makes the overall total 847. The 47 individual member subscriptions are beyond the minimum of 800 that ICID subscribes.

EB-JOUR Minutes Item 4: Issues related to M/s. Wiley-Blackwell

19. Several characteristic figures of IRD are shown in the Chairman's report for 2012 that was disseminated to the members.

20. Shortly after the meeting in Adelaide (2012), agreement had been reached with M/s Wiley on renewal of the Agreement for the period 2014 - 2018. Details of the new Agreement are shown in the Chairman's report.

EB-JOUR Minutes Item 5: Any other business

21. The chairman will check if the standard review form on the Wiley web site needs to be updated to give better room for comments on the various point.



**Minutes of the 5th Meeting of the
WORKING GROUP ON ROLE OF IRRIGATION IN POVERTY
ALLEVIATION AND LIVELIHOODS (WG-POVERTY)**

02 October 2013, 11.00-12.30 hours

Mardin, Turkey

Strategy Theme: Systems

Year of Establishment: 2008

Completion of the Mandate: 2014

Mandate: (i) 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), (ii) Look for technical solutions that work within a clearly defined socio-economic context, so that they can be mobilized in a case specific approach, (iii) Emphasize multiple-use (MUS) of irrigation systems as a specific approach to alleviate poverty in this context, (iv) Increasing opportunities for greater and more open participation by the poor, in the development of systems and in the value chain, (v) Building accountability mechanisms that give longer term support and commitment to poverty alleviation initiatives, (vi) Guidelines supported by case studies on how to enhance the poverty alleviation and livelihood improvement impacts of new and existing projects, and (vii) The effect of urbanization on smallholders in peri-urban areas and drawing population from rural to urban areas.

Members Present: (1) PH Peter S. Lee, Chairman, 2010 (UK, 2008); (2) Ms. Mary Jean Gabriel, Secretary (South Africa, 2010); (3) Dr. Enayat Farahani (Iran, 2009); (4) Dr. Yohei Sato (Japan, 2009); (5) VP Laurie Tollefson (Canada, 2009); (6) Dr. Yu-Chuan, Chang (Chinese Taipei, 2012) represented by Dr. Ching-Tien, Chen; (7) Secretary General represented by Dr. S.A. Kulkarni.

Observers: (i) Duhrkoop, Andrea (Germany); (ii) Kotaro Mizoguchi (Japan); (iii) Mohamadsadogh Jorudi (Iran); (iv) Mostafa Vatanzadeh (Iran); (v) Hossein Dehghanisaniz (Iran); (vi) Mukhlis Zainol Abidin (Malaysia); (vii) Vahid Karani (Iran); (viii) Prof. Henk Ritzema (Netherlands); (ix) Dr. Charlotte de Fraiture (Netherlands); (x) Kevin Andrezejewski (USA).

Website: <http://wg-poverty.icidonline.org/>

Due to a clash in the programme with another workbody (ERWG) the Chairman was unable to attend the first session of the WG meeting and therefore the meeting commenced at 11.00 hours.

WG-POVERTY Minutes Item 1: Action taken report by Chair

1. The Chairman PH Peter Lee informed the meeting that he had created a folder on WG Poverty in the Dropbox, which could be accessed by all members. The documents in the folder included the presentations/papers from Mr. Tollefson, Dr Sato, and Ms Gabriel besides the draft outline of the position paper. The input received from Dr. Linden Vincent was also added in the Dropbox. In due course all the documents will be shared with all the members.

WG-POVERTY Minutes Item 2: Membership of the working group

2. Dr. Vincent was not present in person, but she was actively contributing by text and email. VP Adama Sangare and Mr. Moussa Amadou (Niger) were in Mardin but attending a parallel session of AFRWG. However, as the WG is winding up its activities by the next meeting, no changes were effected in the membership.

WG-POVERTY Minutes Item 3: Publication of the Working Group - To develop a position paper on 'Role of irrigation in poverty alleviation and enhancing livelihoods'

3. The chairman presented the outline of the draft position paper noting that it needed to be kept below 26 pages in total, including text boxes and photographs illustrating key points and providing good examples.

4. Mr Lee then showed some of the sections written by him and said that the target audience of the paper would be primarily irrigation and drainage professionals. The paper should encourage them to seek more opportunities for irrigation and drainage to serve the poor, as well as its traditional beneficiaries. Irrigation professionals need to understand the needs of the poor, their vulnerabilities and the best ways to help them. Multiple use of systems (including the provision of ecosystem services) could provide benefits sometimes in unexpected ways, and more needs to be done to make professionals responsive to these opportunities.

5. Chairman Lee requested that the members of the working group and some of the observers contribute to various sections. He hoped that Dr Vincent would contribute to the definition of poverty.
6. Ms Gabriel presented her new paper on 'Role of Women in Irrigated Agriculture Case study – South Africa'. This would contribute to the sections of the Position Paper on bottom–up design and management, broadening investment and partnerships.
7. VP Tollefson presented a paper on how irrigation in the Pallister Triangle in Canada had enabled the settlement of the area and improvement of the livelihoods of poor immigrants to the region. He would provide more information how this had impacted on the native peoples.
8. Dr. Sato presented a case study of farmers who were lifted from poverty in Japan, with even greater impact on the economy as a whole. This showed that poverty alleviation can be relevant to both developed as well as developing countries.
9. Dr. Farahani mentioned the case of a rich farmer alongside a poor farmer, where the poor farmer lacked the resources and scale to access the market. Many such farmers had moved to the city, prompting the consolidation of land holdings.
10. Amongst others attending the meeting, Dr. Charlotte de Fraiture (UNESCO-IHE) was requested to give examples of ecosystem functioning, like Lake Victoria, Kenya and in Burkina Faso. Dr Ritzema (Netherlands) would contribute experiences in revitalization of irrigation schemes in Vietnam and wetland rehabilitation. Dr Fraiture and Dr Andrezejewski (iDE) offered to contribute pictures. Mr Abidin (Malaysia) offered to contribute on his experiences in Malaysia.
11. The meeting closed on a positive note, and the Chairman offered to keep the members and interested observers involved in the continuing work on the Position Paper.
12. WG requested PCTA for a one year extension of the tenure of the work body to 2014.

WG-POVERTY Minutes Item 4: Any other business

There was no other business



**Minutes of the 31st Meeting of the
WORKING GROUP ON DRAINAGE (WG-DRG)
02 October 2013: 13.30-15.00 hours [Session I]
02 October 2013: 15.30-17.00 hours [Session II]
Mardin, Turkey
Strategy Theme: Systems**

Year of Establishment: 1983

Completion of the Mandate: 2013

Mandate: (i) To promote drainage as part of integrated water resources management; and (ii) 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) VPH Dr. Willem F. Vlotman, Chairman, 2001 (Australia); (2) PH Ir. Keizrul bin Abdullah (Malaysia, 1994) represented by Ir. Mohd Anuar Musardar Yusoff; (3) Mr. Chen Hung-Kwai (Chinese Taipei, 1997); (4) Mr. AT van Collier (South Africa, 2006) represented by VP Dr. G.R. Backeberg; (5) VPH Shinsuke Ota (Japan, 2006); (6) Dr. Yurii Yanko (Russia, 2006) represented by Dr. Irena Bondarik; (7) Dr. Gurbachan Singh (India, 2008); (8) Mr. Mati Tonismae (Estonia, 2010); (9) Mr. Ardvan Azari (Iran, 2011); (10) Ms. Helena Aijo (Finland, 2011); (11) Dr. Momon Sodik Imanudin (Indonesia, 2012); (12) Secretary General represented by Dr. S.A. Kulkarni.

Permanent Observers: PH Prof. Bart Schultz (The Netherlands)

Observers: (i) Dr. Ruey-Chy Kao (Taiwan); (ii) Dr. Takao Masumoto (Japan); (iii) Andrey Reshetov (Russia); (iv) Auxonder Posrsyn (Russia); (v) Ms. Wang Shaoli (China); (vi) Toru Hayashi (Japan); (vii) Masao Miyazaki (Japan); (viii) Mary Jean Gabriel (South Africa); (ix) Prof. N. Hatcho (Japan); (x) M. Sait Tahmiscioglu (Turkey); (xi) Dr. Young D. Kim (Republic of Korea); (xii) Khajeh Sahouti (Iran); (xiii) Vahid Karani (Iran); (xiv) Mehrzad Ehsani (Iran)

Website: <<http://wg-drg.icidonline.org/>>

SESSION 1 – WG-DRG Business (13.30-15.00 hours)

WG-DRG Minutes Item 1: Action taken report by chair

1. The Chairman reported about the production of DVDs containing drainage related documents and updated world drained areas.

WG-DRG Minutes Item 2: To review the membership of the Working Group

2. The following new and re-nominations were received for the membership of the group:

- (a) Dr. Ashraf El Sayed Ismail (Egypt) in place of Dr. M.H. Amer
- (b) Ms. Wang Shaoli (China)
- (c) Dr. Gurbachan Singh (India)
- (d) Engr. Mohd Anuar Musardar Bin Yusoff (Malaysia) in place of PH Ir. Keizrul bin Abdullah

3. Dr. Ashraf El Sayed Ismail could not attend the meeting, however, based on his CV, the nomination was accepted. Ms. Wang Shaoli (China), Engr. Mohd Anuar Musardar bin Yusoff (Malaysia) and Dr. Gurbachan Singh (India) attended the meeting and their nominations were accepted. In view of the valuable contributions made in the past by Prof. Maticic (Slovenia) and Dr. Bhutta (Pakistan), the WG retained their membership.

4. Chair urged for more active participation from all members.

5. Chairman Dr. Vlotman declared that he would be stepping down at the end of the meeting. The WG then invited volunteers for the position of Chairman, Vice Chairman and Secretary. The Chairman suggested the name of Bernard Vincent (France) for the Chairmanship. Since Mr. Bernard could not

attend the meeting, Chairman read his CV after which the group accepted Mr. Bernard as the new Chairman. Subsequently, Dr. Momon S. Imanudin (Indonesia) and Dr. Irena Bondarik (Russia) were accepted as the Vice-Chairman and the Secretary, respectively of the WG.

WG-DRG Minutes Item 3: Reinvigorating the mandate of the Working Group

6. The present tenure of the WG will be completed at the end of this meeting. The members proposed that the group be converted into a “Committee on Drainage” as drainage is one of the core activities of ICID. The following suggestions were made towards the mandate of the new Committee:

- (a) To promote drainage as a part of integrated water resources management;
- (b) To promote sustainable approaches for drainage and related projects through a balanced integration of water quantity and quality aspects, ecological aspects, socio-economic aspects, and cultural aspects; and
- (c) Development of drainage needs under the impacts of changes in land use and climate.

7. Dr. Backeberg, Theme Leader Schemes, presented guidelines for establishment of new working groups. Accordingly, the WG would prepare a scoping document for submission to the PCTA at the Korea meeting next year.

WG-DRG Minutes Item 4: DRAINAGE ON-LINE, for information

8. All members were requested to review the drainage section on the revised ICID website and provide their comments/ contributions.

9. All members were requested to visit the revised version of the website ‘DRAINLINE’ <http://www.icid.org/wg_drg.html> and review the text and link of the ICID website pages and provide comments/ suggestions to improve it further.

WG-DRG Minutes Item 5: Workshops of the Working Group

WG-DRG Minutes Item 5.1: 12 IDW at St. Petersburg, Russia, 2014

10. National Committee of the Russian Federation on Irrigation and Drainage (RUCID) is organizing and hosting the 12th International Drainage Workshop (IDW) during 23-26 June 2014 at Saint Petersburg. Dr. (Mrs.) Irena Bondarik, Secretary General, RUCID made a presentation about the workshop program. RUCID has also submitted a filled in financial statement indicating registration fee, etc. to the Central Office. Mrs. Bondarik distributed information brochures about the workshop containing theme, topics/ sub topics, schedule for submission of abstract of paper, etc. The information will also be made available at the ICID website, soon.

WG-DRG Minutes Item 5.2: 13th International Drainage Workshop

11. Iranian National Committee (IRNCID) has volunteered to organize the 13th IDW during the year 2017. Mr. Ardavan Azari made a presentation about the proposed workshop. The theme of the workshop will be ‘Drainage and Environment’ and will be dealt in three topics: (1) Measures to lower the volume of drainage water; (2) Measures to improve drainage water quality; and (3) Changing drainage design criteria in favor of the environment.

12. The WG recommended the proposal of IRNCID to PCTA for consideration/ approval.

WG-DRG Minutes Item 6: Publication of the Working Group

WG-DRG Minutes Item 6.1: DVD on Drainage for Sustainable Agriculture

13. A DVD titled ‘Agriculture Drainage Digest’ as brought out by the WG with active support of the Central Office was distributed among all present at the meeting. The DVD includes proceeding of all past IDWs, ICID publications related to drainage, special workshops, special issue on drainage of the ICID Journal, select publications of the World Bank, ILRI, FAO, etc. The DVD was kept in the registration kits and was also widely distributed to all delegates during the 1st World Irrigation Forum.

WG-DRG Minutes Item 6.2: Compilation of experiences in bio-drainage and bio –saline agriculture

14. Dr. Gurbachan Singh (India) made presentation on drainage and bio-drainage experience in India. Dr. Singh agreed to prepare a publication on bio-drainage based on experiences in India.

WG-DRG Minutes Item 7: Updating database on drained area in the world.

15. The group noted the updated table on “World Drained Area” included in the agenda. Chairman asked all to provide their comments and encouraged all those national committees to who are yet to provide the latest information. Mr. Chen Hung-Kwai provided updated data on drained areas in Chinese Taipei at the meeting which is since been included in the table.

WG-DRG Minutes Item 8: Any other business

None

SESSION 2 – PRESENTATIONS (15.30-17.00 hours)

WG-DRG Minutes Item 9: Presentations

16. The following presentations were made at the meeting:

- (a) A new water control system using subsurface drainage pipes for irrigated cultivation of paddy and upland crops in paddy fields ('FOEAS') - Takao Masumoto
- (b) Development of Irrigation and Drainage in Turkey – Nurgül Üzücek
- (c) Social Effects of the Southeastern Anatolian Project (GAP) – Nurgül Üzücek
- (d) Drainage for Reclamation of Waterlogged Salt Lands: Indian Experience - Dr. Gurbachan Singh
- (e) Water Management Approach for Increasing Cropping Intensity, Reducing Carbon Emission, and Fire Prevention in Peat Tidal Lowland Agriculture (A Case Study at Tanjung Jabung Timur Jambi Province - Dr. M.S. Imanudin

The meeting was closed at 18:00 hours



**Minutes of the 20th Meeting of the
WORKING GROUP ON WATER SAVING FOR AGRICULTURE (WG-WATS)
02 October 2013: 13.00-15.00 hours (Session-I)
02 October 2013: 15.30-17.00 hours (Session-II)
Mardin, Turkey
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) Dr. Mehrzad Ehsani, Vice-Chairman (Iran); (2) Ms. Nadide Demir (Turkey); (3) Dr. Onder Okmen (Turkey) as Young Professional; (4) Dr. Nico Benade (South Africa) represented by Dr. Gerhard R. Backeberg; and (5) Er. Avinash C. Tyagi, Secretary General, ICID.

Observers: (i) Ir. Homan Khaledi (Iran); (ii) Ir. Jin-Young Choi (South Korea); (iii) Ir. Syed Abdul Hamid (Malaysia); (iv) Ir. Zamam Zaunal (Malaysia); (v) Md. Zahir Shariff (Malaysia).

Website: <http://wg-wats.icidonline.org>

1. In absence of Chairman, Mr. Mehrzad Ehsani, Vice Chairman conducted the meeting.

WG-WATS Minutes Item 1: Action Taken Report by Chair

2. Mr. Mehrzad Ehsani, Vice Chairman briefly summarized the actions taken in this working group since the last meeting in Adelaide, Australia in 2012.

WG-WATS Minutes Item 2: Membership of the Working Group

3. Vice-Chair observed that most of the working group members were neither present nor represented. The CO may contact the NCs for fresh nominees from Spain, Pakistan and India. The WG noted that VPH Dr. Mark Svendsen (USA) withdrew his WG membership on his own.

WG-WATS Minutes Item 3: WatSave Awards

WG-WATS Minutes Item 3.1: WatSave Awards – 2013

4. 'WatSave Awards' are given in four categories viz., (1) Technology; (2) Innovative Water Management; (3) Young Professionals; and (4) Farmer. 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 64th IEC meeting scheduled to be held on 05 October 2013.

5. (The awards have since been declared and given away as below: Prof. Yi Yongging (China)'s work on "Thin and Exposed Irrigation for Paddy Rice" has won the WatSave Technology Award 2013 and Mr. Zhang Xuehui (China)'s work on "Innovations and Reforms for Modern Irrigation Management in Large Irrigation Schemes" has won the WatSave Innovative Water Management Award 2013.

6. The work that won them the WatSave awards can be accessed at http://www.icid.org/awards_ws.html#announce)

WG-WATS Minutes Item 3.2: Frequency of WatSave Awards

7. At present the WatSave awards are given away annually. It has been observed over the past few years that the responses from the National Committees for WatSave nominations have been slowly reducing. There has been no nomination for young professional's award in 2011 and 2012 and only one nomination from 2008-10. Similarly, no nomination in farmer's category were received in 2013. Nominations in other two categories have been mixed, ranging from 1 nomination to 4-5 in some years and a rare 8 in 2012.

8. Secretary General Avinash Tyagi informed the Group that there have been cases where NCs have not undertaken due diligence in authenticating the work that is submitted through them for the WatSave Awards. One of the reasons for this could be the lack of resources as well as sufficient time for the NCs to undertake due diligence as certain NCs get more than a couple of submissions each year. Given the tight schedule of submitting the nominations, it leaves little time for NCs to authenticate the work.

9. Further, in order for any jury to adjudicate such awards which are highly dependent on the actual application of the technology in the field, NCs have to play a crucial role, in authenticating the research / application cited in the nominated work. However, responsibility of NCs in thoroughly examining or such authentication process has not been spelled out explicitly.

10. In view of the above, it is felt that to avoid pressure on our national committees, the frequency of awarding WatSave awards need to be reviewed. For example it could be set triennially at the time of Congress. Congress is also the time for ICID's triennial best performing national committee award and best performing workbody award.

11. Members recommended to PCTA setting up a small group (Task Team) to revisit various aspects of WatSave Awards and recommend as appropriate for the consideration of IEC.

WG-WATS Minutes Item 3.3: Sponsorship

12. This year the Turkish National Committee of ICID (TUCID) has bagged the honor of sponsoring the WatSave Awards 2013. Each award consists of a citation plaque and cash award of US \$ 2000 each. The WG expressed their appreciation to Turkish National Committee for funding the cash award.

WG-WATS Minutes Item 4: Internal Workshop on 'Water Saving in irrigated Areas; Success Stories and Lessons Learned'

13. An Internal Workshop titled "Water Saving in irrigated Areas; Success Stories and Lessons Learned" was cancelled. There were no abstracts / paper received.

WG-WATS Minutes Item 5: Publications of the Working Group

WG-WATS Minutes Item 5.1: Translation of the book on 'Water Saving in Agriculture'

14. Prof. Hu Heping and Dr. Xiechong Bao (China) and Ms. Fabienne Latapie (France) were to translate the book in their languages. In absence of feedback, the CO may contact them again for translation.

WG-WATS Minutes Item 5.2: Other publications

15. The WG noted the publications brought out by the WG during its tenure.

WG-WATS Minutes Item 6: Conclusion of activities of the Working Group

16. The WG has successfully conducted numerous workshops and brought out a number of publications, as listed in Agenda, together with monitoring and administering the WatSave Awards over the years. The mandate of the WG comes to an end in 2013 and as such the WG is recommended to be closed.

17. VP Dr. G.R. Backeberg (Theme Leader: Systems) has presented a report on current situation of ICID working groups that have completed their mandate. Dr. Backeberg has also proposed a new working group and motivation in order to rebuild a new WG titled: "Working Group on Irrigation Water Loss Control for Achieving Water Savings". The policy of ICID is to rebuild the working groups with new blood and new energy. The new working group can be established in one of the following way:

- (a) Recommendation of the Strategy Theme Leader,
- (b) Proposed by the National Committee (s),
- (c) Proposed by an existing Working Group, or
- (d) Proposed by one of the collaborative partners / International Organizations.

18. The scoping document is essential for its onward submission to the PCTA before the proposal for a new WG can be 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 is to be taken. The scoping document shall cover at least the following sections answering some of the questions mentioned therein, but not limited to them. (a) Objectives; (b) State of knowledge on the topic; and (c) Work Plan.

19. The WG members need to come together and take up the challenge and develop a sound scoping document by May 2014 and submit it to PCTA for its consideration.

20. Motivation: With increasing competition for water, 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. Priority should therefore be given to training of managers to support adoption of available technologies, in particular measurement and metering of water use on irrigation schemes and information systems for canal water management.

WG-WATS Minutes Item 7: Any other business

21. The 22nd ICID Congress on Irrigation and Drainage will be held from 14-20 September 2014 at Gwangju Metropolitan City, Republic of Korea. Among the questions of the Congress, the WG-WATS is partially related with Question 59.3 – 'Water Sharing and Water Transfer in Water Stressed Areas'. In order to support the Congress review process, Mr. Merhzad Ehsani (Iran), Vice Chair and Dr. Önder ÖKMEN (Turkey) have informed their willing to be on the Panel of Expert for this topic.

22. The meeting ended with thanks to the Chair.



**Minutes of the 16th Meeting of the
WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)
02 October 2013, 13.30-15.00 hours [Session I]
02 October 2013, 15.30-17.00 hours [Session II]
Mardin, Turkey
Strategy Theme: On-Farm**

Year of Establishment: 1998

Completion of the Mandate: 2014

Mandate: (i) To promote on-farm irrigation as part of integrated water resources management, and (ii) To promote sustainable efficient approaches for on-farm irrigation.

Members Present: (1) VPH Felix B. Reinders, Chairman (South Africa, 1998); (2) VPH Prof. Peter Kovalenko, Vice Chairman (Ukraine, 2001); (3) Dr. A.K. Randev, Secretary (India, 2005); (4) Mr. Hassan Shantia (Iran, 2006); (5) Mr. Mohd Yazid Bin Abdullah (Malaysia, 2011); (6) Dr. Akira Iwamoto (Japan, 2011); (7) Dr. Chen, Ching-Tien (Chinese Taipei, 2012).

Permanent Observer: Giovanni Munoz (FAO)

Observers: (i) Bakhodir Mirzaev (Uzbekistan); (ii) Venot Jean Philippe (France); (iii) Alan Beadle (UK); (iv) Wei Hsien Yu (Taiwan); (v) Wang Chuan (Taiwan); (vi) Mr. Uttam Timilisina (Nepal); (vii) Mr. Suman Sijapati (Nepal); (viii) Mr. M. Gopalakrishnan, Secretary General Hon., ICID (India); (ix) Shih-ho Wang (Taiwan); (x) Yi-Chuan Liu (Taiwan); (xi) Manoshi Mothapo (South Africa).

Website: <<http://wg-on-farm.icidonline.org/>>

WG-ON-FARM Minutes Item 1: Action taken report by the Chair

1. The Chairman FB Reinders welcomed everyone at the meeting. The Chairman briefly summarized the progress made on the various activities of the WG during the past year.

WG-ON-FARM Minutes Item 2: Review of membership of the Working Group

2. The following nominations which were deferred due to their non-attendance/ participation at Adelaide meeting were once again confirmed by their respective National Committees viz.,

- Mr. Suman Sijapati (Nepal)
- Prof. Li Guangyong in place of Mr. Yan Guanyu (China)

3. Nomination of Mr. Suman Sijapati was accepted for the membership of the WG as he was present at the meeting. The nomination of Prof. Li Guangyong was deferred as he was not present at the meeting.

4. In accordance with ICID by-law 3.6 the membership of Dr. Abraham Mehari Haile (The Netherlands) was discontinued. In case of Dr. A.K. Randev, (India), since he was actively corresponding with the Chairman and also has reviewed abstracts of papers received for WIF1, the WG agreed to continue his membership.

WG-ON-FARM Minutes Item 3: Liaison with the ISO/TC23/SC18

5. The WG noted that there was no representation of the group at the 31st meeting of ISO/TC23/SC18 held from 31 October to 5 November 2012 in Orlando, USA.

WG-ON-FARM Minutes Item 4: Worldwide usage of micro and sprinkler irrigation

6. The WG discussed the updated data table of sprinkler and micro irrigation area in ICID member countries. It was recommended that the data may be further expanded to include surface (gravity) irrigated area. If possible, further sub-classification of each irrigation method for each country may also be compiled. The WG also suggested checking for computational errors in the table. The data sheet should be revisited and corrected. Member countries were urged to supply updated data to the Central Office. Members suggested that other sources/ links for example Aquastat of the FAO may be used to obtain the data/ information pertaining to other countries.

7. As regards the “Survey of Worldwide Usage of Sprinkler and Micro Irrigation”, Chairman Felix Reinders, with the assistance from the Central Office will develop a revised version of the survey proforma/ data sheet so as to cover additional parameters of interest.

WG-ON-FARM Minutes Item 5: Compilation of irrigation efficiencies achieved in ICID network countries

8. During Adelaide meeting, the group noted that Chinese National Committee (CNCID) had agreed to work on the compilation of worldwide data on irrigation efficiencies through the newly established ‘International Center for Training and Research in Irrigation and Drainage’. However, there was no feedback from the Centre. After thorough discussion and the practical value of such an exercise, the WG proposed not to proceed with this activity due to a lack of adequate and reliable research based information.

WG-ON-FARM Minutes Item 6: Inviting proposals for 9th International Micro Irrigation Symposium

9. WG encouraged all those interested National Committees to send their proposal to the Central Office for hosting the 9th International Micro irrigation Symposium for its approval by the 65th IEC.

WG-ON-FARM Minutes Item 7: Publications of the Working Group

WG-ON-FARM Agenda Item 7.1: Paper on “Improvement of the On-Farm Irrigation Systems Using Simple Water Control, Measuring and Application Devices”

10. Chairman Reinders informed that a write-up of the paper was almost complete and it will be submitted shortly for publication.

WG-ON-FARM Agenda Item 7.2: Paper on “Micro irrigation for Smallholders and Greenhouses”

11. Chairman Reinders had reviewed the paper “Micro irrigation for stallholders and greenhouses” and was to communicate with Prof. Y. Nakano (Japan) so that it can be submitted to ICID Journal for its possible publication. Prof Nakono will be contacted to know the progress on the finalization of the paper.

WG-ON-FARM Agenda Item 7.3: Upgrading/ modernization of surface irrigation systems

12. Prof. Mohan Reddy Junna (USA) volunteered to prepare a book on “Soil and Water Management in Surface Irrigation Systems”. However, the progress has been very slow. The Chairman will follow it up with Prof. Junna to speed up the process and to have a draft with the next meeting in Korea.

13. As per the guidelines of the C-PR&P/ PCTA, the Working Group deliberate and decide upon the types of publications it proposes to bring out and filled out **Annex 1**.

WG-ON-FARM Minutes Item 8: Three-year work plan of the WG

14. The present tenure of the WG will end by Korea meeting in 2014. The updated work plan is shown as **Annex 2**. It was agreed that the WG will develop and present a new mandate at the Korea meeting. All members were requested to provide their inputs to the Chairman.

WG-ON-FARM Minutes Item 9: Website of the workbody

15. A new version of WG-ON-FARM website <http://www.icid.org/wg_on-farm.html> is functional. Members were requested to access the refreshed website and provide their comments/ suggestions along with some relevant documents, links etc. for its posting on the group’s website. Dr. Suresh Kulkarni from the Central Office informed that the members can now access all past ICID publications online.

WG-ON-FARM Minutes Item 10: Any other business

16. The WG agreed to submit a proposal for the Best Performing Workbody Award (BPWA) to be awarded at Korea Congress in 2014. The Chairman will lead the process but everyone was requested to assist and contribute.

It was also suggested that WG should get involved in the research related activities.

WG-ON-FARM Minutes Item 11: Presentations

17. The following three presentations were made at the meeting;

- (a) Beyond technology and potential: The actors who make drip irrigation by Jean-Philippe Venot et al from France
- (b) The performance of Moist Tube irrigation by Manoshi Mothapo from South Africa
- (c) Improved efficiency of irrigation water use: A South African framework by Felix Reinders et al

Interesting discussion followed after all the three presentations.

WG-ON-FARM Minutes Item 12: Closure

18. The Chairman closed the meeting and thanked everyone for their active participation and hoped to see everyone at the next meeting to be held in Korea.



PROPOSED PUBLICATIONS OF THE WORKING GROUP
Convener: VPH Felix B Reinders (South Africa)

Sl. No.	Proposed Outputs/ Type of Publication	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Manuals	Surface irrigation	Designers	Prof. Junna and various co-workers	<ul style="list-style-type: none"> Draft 2014 Final 2015
2	Proceedings of the Workshop/Conference	9 th Micro Irrigation Symposium	ICID Members	Host Country still to be identified	2015
3	Technical Papers	<ul style="list-style-type: none"> “Improvement of the On-Farm Irrigation Systems Using Simple Water Control, Measuring and Application Devices” 	ICID Members	FB Reinders, I van der Stoep, Irrigation Australia	January 2014
		<ul style="list-style-type: none"> “Micro irrigation for Smallholders and Greenhouses” 	ICID Members	Prof Nakano	February 2014
4	Compilation of Database	Micro Irrigation survey of the world	ICID Members	Central Office	On-going
Filled by: F.B. Reinders					
Date: 2 October 2013					



WORK PLAN (2013-2015)

2013	2014	2015
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”
Invite Member countries to host the next Micro Irrigation Symposium	Plan and cooperate with the organisers of the 9th International Micro Irrigation Symposium	Cooperate with the organisers of the 9th International Micro Irrigation Symposium
Submit paper on “Improvement of the On-Farm Irrigation Systems Using Simple Water Control, Measuring and Application Devices”	Finalize and publish the paper	
Submit paper on “Micro irrigation for smallholders and greenhouses”	Finalize and publish the paper	
Continue with work on writing up a manual on: “Soil and Water Management in Surface Irrigation Systems”.	Prepare a draft manual	Finalize the manual



**Minutes of the 6th Meeting of the
WORKING GROUP ON WATER AND CROPS (WG-CROP)
02 October 2013, 13.30-15.00, hours [Session I]
02 October 2013, 15.30-17.00, hours [Session II]
Mardin, Turkey
Strategy Theme: On-Farm**

Year of Establishment: 2007

Completion of the Mandate: 2016

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) VP Laurie C. Tollefson, Vice-Chairman (Canada, 2009); (2) Dr. Koji Inosako (Japan, 2010); and (3) Prof. Dr. Mohd Amin Mohd Soom (Malaysia, 2011).

Member Hon. Present: President Hon. Peter S. Lee (UK)

Observers: (i) Dr. Hossein Dehghanisanij (Iran); (ii) Ir. Sue Walker (South Africa); and (iii) Ir. Guus Paardekaper (The Netherlands).

Website: <<http://wg-crop.icidonline.org>>

VP Laurie C. Tollefson, Vice-Chairman of the WG, Chaired the meeting as Dr. Ragab, Chairman of the WG was busy elsewhere.

WG-CROP Minutes Item 1: Action Taken Report by Chair

1. Mr. Laurie C. Tollefson, Vice Chairman briefly summarized the actions taken in this working group since the last meeting in Adelaide, Australia in 2012.

WG-CROP Minutes Item 2: Review of the membership of the Working Group

2. The membership of the Working Group was reviewed. Two nominations were received for the membership of the WG: (i) Mr. Marco Arcieri, Italy; and (ii) Mr. Shreemat Shrestha, Nepal. Both were suitable candidates for the WG but unfortunately they were not present during the meeting. The WG recommended that both would be accepted as members of the WG when they attend a WG meeting, hopefully next year in Korea.

3. In addition, the WG also recommended that based on strong past performance and on the basis of their communication with the working group, VPH Prof. B.I. Maticic (Slovenia), Prof. R.G. Allen (USA) and Mr. Chen Yih-Rong (Chinese Taipei) be given 1 year to renew their participation in the WG. All three members will be contacted and encouraged to participate. Dr. Andrew Sanewe from South Africa has withdrawn and the WG has requested South African National Committee to consider a replacement.

WG-CROP Minutes Item 3: Precision Agriculture: Promote the efficient use of water and low input in crop

4. Dr. Hossein Dehghanisanji (Iran) gave an excellent presentation on "Precision Irrigation". The presentation was well received. The WG was contemplating on the concrete deliverable under this item.

WG-CROP Minutes Item 4: Energy crops for bio-fuel production

5. Considerable discussion was held on energy crops for biofuel. Mr. Laurie Tollefson mentioned that he chaired a TF looking at this issue and questioned the need to discuss it in this WG. The members felt that we should continue work here since the task force is for only a short period of time. Mr. Tollefson outlined the work of the task force and invited membership to participate in the TF meeting.

WG-CROP Minutes Item 5: Multi-functionality to water use in paddy (Rice) cultivation

6. The WG agreed to publish a 'Technical Report' through consolidation on contributions in this section. Ir. Leon van Rensburg from South Africa will be requested to contribute on rainfall harvesting. Mr. Laurie Tollefson will

report his work on energy crops under the Biofuel TF. Dr. Inosako Koji (Japan) has already submitted a paper on 'Multifunctional use of water in paddy' to Chairman, WG-CROP. Dr. Ragab Ragab (UK) has also submitted a report on 'Crop Water Models'.

WG-CROP Minutes Item 6: Management of Agriculture under Climate Change

7. An excellent workshop in conjunction with the WG on Climate Change was held in Mardin. This was a great big effort on the part of the WG in developing call for papers, selecting abstracts and reviewing papers. It was a good result with excellent papers received.

WG-CROP Minutes Item 7: Publications of the Working Group

8. A technical report will be published as reported previously. In addition, PowerPoint presentations made in the WG will be collected and utilized as technical updates and notes. They will be made available to the membership. The WG has decided to publish documents as listed and detailed in the **Annex**.

WG-CROP Minutes Item 8: Three-Year Work Plan

9. Due to low attendance and in absence of several key members, it was difficult to put the three years plan with agreed commitments in place. However, the WG agreed that for year_1: to get the technical reports of Item 5 completed and to get the output of the workshop published. For year_2 (2015) to contribute papers to Q59.1 "Securing water and livelihood of rural communities" of Korea Congress : Possible papers could be 'Alternative crops for food security' by Sue Walker; 'Rainfall harvesting for food production' by Guus Paardekaper; 'Water productivity at basin scale' by Hussein Dehghanisanij and 'Using micro hydropower for better energy management' by Koji Inosako. Year 3: Initiate new activities on: Applicability of the virtual water concept, methods to reducing water and carbon footprint, precision irrigation management, impact of climate change on yield quality and quantity, rainfall harvesting for food production, diversification of cropping systems to cope with limited water resources conditions etc.

WG-CROP Minutes Item 9: Website of WG

10. The benefits of accessing the web site for WG documents and software was highlighted. The chairman informed the WG that two documents and SALTMED 2013 model software are now available for download from the WG web site.

WG-CROP Minutes Item 10: Any other business

11. The WG agreed to consider using the facility of teleconferencing offered by ICID in future meetings.

12. Dr. Ragab Ragab accepted to be a Panel Expert for Q59.1 and two other members will be identified via e mail soon.



PUBLICATIONS OF THE WORKBODIES**Chairman: Dr. Ragab Ragab (UK)**

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Proceedings of the Workshop / Conference	Based on the workshop on climate change 2013	All water professionals	ICID-HQ to produce in collaboration with the chairman and authors	2013-2014
2	Technical Paper/report	Based on technical reports under item 5	All water professionals	ICID-HQ+ I&D journal to discuss the type and format and produce in collaboration with the chairman and authors.	2014
3	Technical Note				
Filled by: Ragab Ragab					
Date: 02-10-2013					

**Minutes of the 18th Meeting of the
WORKING GROUP ON USE OF POOR QUALITY WATER FOR IRRIGATION (WG-PQW)
02 October 2013, 13.30-15.00 hours [Session I]
02 October 2013, 15.30-17.00 hours [Session II]
Mardin, Turkey
Strategy Theme: On-Farm**

Year of Establishment: 1995

Completion of the Mandate: 2016

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) VP Dr. R. Ragab (UK, 1997); (2) VPH Dr. Karim Shiati (Iran, 1997); (3) Dr. Leon van Rensburg (South Africa, 2010); (4) Dr. Takanori Nagano (Japan, 2011) represented by Dr. Kajime Tanji; (5) Dr. Ding Kunlun (China, 2012).

Observers: (i) Mr. Gao Lihui (China); (ii) Mr. Mohd Azmi Ismail (Malaysia); (iii) Ms. Nomwzo Mjadli (South Africa); (iv) Mkhanyiseni Ziwu (South Africa); (v) Mr. Mohd Adnan Mohd Nor (Malaysia); (vi) John Ginnivan (Australia).

Website<http://www.icid.org/wg_pqw.html>

(VPH Dr. Samia El-Guindy, Chairperson of the WG had informed her inability to attend the Mardin event and requested VP Dr. Ragab Ragab to chair and conduct the meeting)

WG-PQW Minutes Item 1: Action taken report by Chair

1. Actions taken since the last meeting were briefly reported by the Chair.

WG-PQW Minutes Item 2: Review of the membership of the Working Group

2. The WG agreed to retain the membership of VPH Karim Shiati as a valuable member of the group who contributed immensely to its activities. The clash in time between the WG-PQW with other WG's in the past two years did not allow him to attend the meeting.

WG-PQW Minutes Item 3: Presentations by members

3. Two excellent presentations were given and well received:
 - (a) Reuse of saline drainage water for irrigation: Case study in South Africa by Leon Van Rensburg
 - (b) Poor Quality Water and Degraded Land for Biofuel Crops by Tapas Biswas (presented by John Ginnivan)

WG-PQW Minutes Item 4: Cooperation with International Organizations

4. The WG is making efforts to reach out to other organizations. As requested by the partners in the capacity development project coordinated by UN-WATER DPC, the WG is willing to consider developing the guidelines to support WHO and FAO guidelines on safe use of wastewater in agriculture. Members suggested to consider this as one of the activities under 3-year work plan.

WG-PQW Minutes Item 5: Publications of the Working Group

5. The WG considers publications of its output in a various forms - Technical papers for peer reviewed journals, technical notes, non-technical notes and manual for SALTMED model software. The type of publication will be decided once all the reports received by the Chairman. The technical paper on "Impact of irrigation by saline water on soil and crop production" as received from Dr. Anna Tedeschi was circulated and the rest of the reporters agreed to submit their reports in 6 months time i.e. by February 2014:

- (a) Dr. Takanori Nagano (Japan) on "Impact of tsunami on the environment";

- (b) Dr. Tapas Biswas (Australia) on “The use of poor quality water and the new biofuel crops”;
- (c) Dr. Bernard Vincent (France) on “Mitigation of subsurface drainage pesticide pollution by use of off pipe constructed wetlands”;
- (d) Dr. Leon Van Rensburg (South Africa) on “Irrigation by using poor quality water”;

6. Due to low attendance and in absence of several key members, it was difficult to put the three year work-plan with agreed commitments in place. However, the WG agreed that for the year 1 (2014) get the technical reports of item 5 completed, for the year 2 (2015) to organize a workshop on the use of poor quality water to include the following sub topics: Advances in Treated Waste Water, TWW technologies, policies for using PQW, Capacity building and the criteria for using waste water in different countries, and for the year 3 (2016) - work on publication of the workshop output and refining guidelines of WHO and FAO, if possible.

WG-PQW Minutes Item 6: Website of the working group

7. The benefit of accessing the website for WG documents and software was highlighted. The Chairman informed the Members and Observers that two documents and SALTMED 2013 model software were now available to download from the WG website.

WG-PQW Minutes Item 7: Any other business

8. The WG agreed to consider using the facility of teleconferencing offered by ICID in future meetings. The WG will be contributing to Korean 2014 Symposium: non-point source pollution – NPS and best management practices. Members were encouraged to send their contribution directly to the organizers.



**Minutes of the 1st Meeting of the
TASK FORCE TO GUIDE ICID INPUTS TO 7TH WORLD WATER FORUM (TF-WWF7)
02 October 2013, 15.30-17.00 hours
Mardin, Turkey**

Year of Establishment: 2012**Completion of the Mandate: 2015**

Mandate: To provide overarching lead role on behalf of ICID for inputs to 7th WWF by liaising with: (i) National Committees for required inputs for active participation in the themes of 7th WWF which are of direct relevance to ICID, and (ii) Workbodies on specific subjects related with 7th WWF, (2) To liaise with Korean National Committee (KCID) for preparatory work of WWF7; (3) To liaise with 7th WWF Program Committee and other International Bodies, especially FAO, interested to participate in the activities proposed to be organized during the 7th WWF; and (4) To regularly report to the IEC of the developments in the preparatory works leading to 7th WWF and recommend ICID inputs for consideration in 64th IEC.

Members present: (1) VPH Mr. Shinsuke Ota, Chairman (Japan); (2) PH Dr. Bart Schultz (the Netherlands); (3) VP Prof. Tai-Cheol Kim (Korea) represented by Mr. Daesu EO; (4) Mr. Akif Ozkaldi (Turkey) represented by VP Dr. Huseyin Gundogdu ; (5) Dr. Kazumi Yamaoka (Japan); (6) Secretary General Engr. Avinash Tyagi (ICID).

Member Hon. Present: (i) President Dr. Gao Zhanyi (China); (ii) VPH Dr. Karim Shiasi (Iran); (iii) VPH Dr. Hafied Gany (Indonesia).

Observers: (1) Thierry Facon (FAO); (2) Young D. Kim (Republic of Korea); (3) Sung Yul Kim (Republic of Korea); (4) Sung Hee Lee (Republic of Korea); (5) Renziye Yicdiz (Turkey); (6) Aynur Fayrap (Turkey); (7) Gurhan Demir (Turkey); (8) Haken Aksu (Turkey); (9) Burco Calli (Turkey); (10) Irmak Benci (Turkey); (11) Ayse Aydin (Turkey); (12) Hsiao-Wen Wang (Chinese Taipei); (13) Masao Miyazaki (Japan); (14) Kazumi Morinaga (Japan); (15) Kotaro Mizoguchi (Japan).

TF-WWF7 Minutes Item 1: Introduction by the Chair

1. The Chairman Mr. Ota apprised about the various meetings held and other activities related to the 7th World Water Forum (WWF7) since the Adelaide meeting. The major meetings included the World Water Council (WWC) held at Marseille in November 2012 and the internal meeting of participants from ICID and FAO held on the occasion of the WWF7 Kick-off meeting at Daegu in May 2012.

2. In the WWC meeting, three new Governors from ICID family viz., President Dr. Gao Zhanyi (China), Mr. Akif Ozkaldi (Turkey) and Dr. Kazumi Yamaoka (Japan) were elected; while Mr. Yaser Barghi (Iran) was appointed as a Youth Delegate. At the internal meeting held at Daegu, participants from ICID and FAO exchanged their views on engaging with agricultural water sector in WWF7.

TF-WWF7 Minutes Item 2: Membership of the Task Force

3. As suggested by Chairman Mr. Ota, ICID related WWC Governors viz., Mr. Akif Ozkaldi (Turkey) and Dr. Kazumi Yamaoka (Japan), and the Youth Delegate Mr. Yaser Barghi (Iran) were included as members of TF-WWF7. It was agreed that the Chairpersons of the relevant workbodies including PCTA, WG-CLIMATE, WG-SDTA, and ASRWG be included as the members.

4. It was also emphasized that the TF need to collaborate closely with the relevant international organizations and rapport should be established as soon as possible. It was proposed that informal talk should be commenced, especially with FAO.

TF-WWF7 Minutes Item 3: Report by the Korean National Committee on the Kick-off meeting of WWF7

5. Dr. Young Kim from KCID reported about the Kick-off meeting of WWF7 held on 14-15 May 2013 in Daegu, Korea. Dr. Kim informed that in the thematic process 'food production and agriculture', energy was identified as the fifth important theme of the eight themes. In addition, the science and technology process was added to the usual thematic, political and regional processes whereas and the 'Implementation' is a forward-looking concept common across all the processes.

TF-WWF7 Minutes Item 4: Lessons from the 6th World water Forum, and follow up on commitments, progress on MoU signed between AFEID and KCID, and publications brought out

6. Dr. Bart Shultz explained the commitments made in WWF6 and reported about the preparation of the 'Synthesis Report' for Theme 2.2. TF suggested that the WWF6 Synthesis report may be made available on the ICID website as PDF and also brought out in a printed form.

7. It was suggested that TF members may participate in future events organized by the member countries/ national committees of ICID to present the developments on WWF7 and exchange views.

8. The Chair also requested KCID to move forward on the MoU signed between AFEID and KCID in March 2012 during 6th World Water Forum at Marseille.

TF-WWF7 Minutes Item 5: Consideration of the 'Discussion paper' on "Role of ICID in 7th World Water Forum"

9. The TF discussed the draft 'Discussion Paper' prepared by Chairman Ota which incorporates information and suggestions received from members besides those from Dr. Bart Schultz and Secretary General Avinash Tyagi (**Annex**). Mr. Ota also apprised the gist of the discussion emerged at the internal meeting held in Daegu in May 2012.

10. It was suggested that the 'Discussion Paper' need to include commitments of ICID made in WWF6, close linkage with the theme of WWF7, input of the outcome of WIF1 to WWF7, reflection of the outcome of the next ICID congress in Korea, evaluation of the achievement to the goal of MDGs and contribution to SDGs (Sustainable Development Goals) and significance of the forum to be held in Asia.

11. The proposed mandate (objectives) of the 'Discussion Paper' viz., "Role and efforts of agricultural water sector to the world water issues will be widely acknowledged" was considered as appropriate. Other viewpoints and observations like including Asian aspects and how to figure out and incorporate diversified irrigation and drainage efforts and policy directions of each country rather than focusing on specific issue like PIM were highlighted.

12. Regarding ministerial meeting on water for food and agriculture, various opinions were expressed about its objectives and impacts. Since the scope of this meeting is largely depends on the decision by the Korean Ministry of Agriculture, the Chairman requested KCID to liaise with the Ministry.

13. The following key questions were raised in the 'Discussion paper':

- Q 1. What are ICID's objectives/ real aims in participating in WWF7 as an organization?
- Q 2. What do we want to achieve?
- Q 3. To what extent has ICID been able to achieve its stated/ unstated objectives of participating in the past WWFs?
- Q 4. What are the different ways the stated objectives can be realized?
- Q 5. Are there sufficient benefits in investing time and resources?
- Q 6. What should be our mode of engagement in WWF7 process?
- Q 7. How can we bring our voices effectively to WWF?
- Q 8. How can we involve more WGs in the process?
- Q 9. How can we involve more NCs in the process?
- Q10. How do we link WIF1 to WWF7?
- Q11. How do we best utilize the outcomes of WWF7?

14. It was recognized that these questions should be kept in mind by all ICID members while contributing and working for WWF7 so as to achieve envisaged objectives with the limited human and financial resources of ICID.

15. It was suggested that ICID should not only invite other sectors to the discussions but also need to join the discussions in other sectors. The Chairman hoped that President Dr. Gao Zhanyi, Secretary General Avinash Tyagi, and Dr. Yamaoka who will be attending the WWC meeting in Budapest next week, will convey ICID perspective to other sectors.

16. The Chairman hoped to continue the discussion with members electronically and through web conferencing and requested to provide their feedback.

TF-WWF7 Minutes Item 6: Any other Business



TASK FORCE TO GUIDE ICID INPUTS TO 7TH WORLD WATER FORUM (TF-WWF7)**Discussion paper on “Role of ICID in WWF7”**

1. The ‘Discussion paper’

This paper is prepared by the chair for your consideration on “Role of ICID in WWF7” and incorporates the obtained information and valuable suggestions by members of the internal meeting in Daegu at the occasion of Kick off meeting for WWF7, PH Dr. Shultz and SG Tyagi.

2. Key Questions about WWF7

It is useful to reconsider the following key questions so that we could achieve envisaged objectives with the limited human and financial resources of ICID.

- Q 1. What are ICID’s objectives/ real aim in participating in WWF7 as an organization?
- Q 2. What do we want to achieve?
- Q 3. To what extent has ICID been able to achieve its stated/unstated objectives of participating in the past WWFs?
- Q 4. What are the different ways the stated objectives can be realized?
- Q 5. Are there sufficient benefits in investing time and resources?
- Q 6. What should be our mode of engagement in WWF7 process?
- Q 7. How can we input our voices more to WWF?
- Q 8. How can we involve more WGs in the process?
- Q 9. How can we involve more NCs in the process?
- Q10. How do we link WIF1 to WWF7?
- Q11. How do we best utilize the outcomes of WWF7?

3. Points reflected in the ‘Discussion Paper’

The paper reflects the following points and the chair requests the members and participants would keep these in mind in the discussion.

- (a) Commitments of ICID made in WWF6
- (b) Close linkage with the theme of WWF7
- (c) Input of the outcome of WIF1 to WWF7
- (d) Reflection of the outcome of the next ICID congress in Korea
- (e) Evaluation of the achievement to the goal of MDGs* and contribution to SDGs**
 - (i) Significance of the Forum to be held in Asia (i) Millennium Development Goals, and (ii) Sustainable Development Goals

4. Tentative mandate (objectives)

Taking the above into consideration, the chair proposes the following tentative mandate (objectives) for your consideration.

Role and efforts of agricultural water sector to the world water issues will be widely acknowledged, in which:

- (a) Our will and efforts for MDGs/SDGs will be visualized and illustrated so that everybody can understand.
- (b) The irrigation modernization activities in Asian countries will be highlighted taking the opportunity of WWF in Korea.
- (c) Due attention should be given to ‘Science and Technology’ as this process is to be newly introduced for WWF7.
- (d) Special efforts such as PIM which contribute to social coherence and rural welfare through promoting better water management will be underlined.

5. Scheme proposal at WWF7

- (a) Ministerial meeting on water for food and agriculture (Its possibility largely depends on the decision by the Ministry of agriculture in Korea.)
- (b) Symposium on role and efforts of irrigation sector to the world water issues (Panelists will be selected from statesmen to farmers and representatives of other water sectors.)
- (c) Symposium on launching World Water Heritage System (Co-organized by WWC, FAO, UNESCO; focused on wise water management)
- (d) Technical session on experienced solutions proposed at WWF6 (including case examples of WatSave awards)
- (e) Poster session of water saving efforts, etc. at a booth (The following materials will also be distributed.)
- (f) Issue of PR Materials (e.g. “Multiple roles and future prospect of agricultural water” “Current irrigation technology coping with world water issues” “World Irrigation System Map”)

6. Action plan and task sharing (Scheme proposal at ICID congress, Sep. 2014, Korea)

- (a) Draft final plan for WWF7 will be prepared by the chair and others and presented by the chair. (incorporating inputs and remarks from WGs and NCs)
- (b) Progress on the task shared by each TF member will be reported.
- (c) Follow-up sessions of WIF1 will be organized. (summing up the discussions in WIF1, seeking extensive comments and opinions from wide range of participants incl. web)
- (d) Input from ASRWG will be incorporated to illustrate Asian feature.
- (e) How to organize or make use of additional intermediate events should be considered.



**Minutes of the 7th Meeting of the
TASK FORCE ON FINANCING WATER FOR AGRICULTURE (TF-FIN)
03 October 2013: 09.00-10.30 hours
Mardin, Turkey
Strategy Theme: Systems**

Year of Establishment: 2007

Completion of the Mandate: 2013

Mandate: The focus of TF-FIN is to get a better understanding and assessment of (i) the required investments and beneficiaries of those investments in agricultural water, (ii) the presently available financing mechanism 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:(i) Vice President Dr. Gerhard R. Backeberg, Chairman (South Africa, 2009); (2) Prof. Dr. Kazumi Yamaoka, Vice-Chairman (Japan, 2009); (3) Mr. E. Farhadi (Iran, 2009) represented by Ir. Hassan Shantia; and (4) Secretary General, ICID represented by Dr. S.A. Kulkarni, Executive Secretary, ICID Central Office.

Observers: (i) Ir. Giovanni Munoz (FAO); (ii) Mr. Kotavo Mizoguchi (Japan); (iii) Dr. Hossein Dehghanisanij (Iran); and (iv) Ir. Aysena Oreolde (Turkey).

TF-FIN Minutes Item 1: Overview of Activities by Chairperson

1. The activities of the Task Force consisted of 3 Workshops organized over the period from 2009 to 2012. The themes of the workshops were (a) Principles and approaches on financing irrigation development; (b) Policies and strategies for financing water for irrigation; and (c) Case studies of water use charging and financing irrigation. Contributions were made through presentations and papers. Opportunities were also given to members who did not participate in workshops to submit papers. All 7 members of the Task Force completed papers on policies and strategies for financing, while 4 members also completed papers on country case studies of water use charging systems.

TF-FIN Minutes Item 2: Publications of the TF-FIN

2. The final report of the papers completed according to the mandate of the Task Force, was submitted during the final meeting held in Mardin, Turkey. The report was distributed to members who could not attend and handed to those members present or represented. This report will now be edited and during the final meeting it was suggested that a “definition of terms” be added. Prior to the final meeting, the Secretary General of ICID indicated by e-mail that this report will be published by ICID and this option was accepted by all Task Force members. On advice of Dr Kulkarni, this may be in the form of a limited edition of printed copies and electronic copies on CD.

TF-FIN Minutes Item 3: Conclusion of activities of the Task Force

3. With submission of the final report in accordance with the mandate of the Task Force and within the term of activities which end in 2013 (**Annex**), the activities of the Task Force are now concluded.

TF-FIN Minutes Item 4: Any other business

4. The recommendation was made that consideration be given to establishment of a new Working Group on “Irrigation Development and Management of Water User Associations”. The motivation for this new Working Group will be submitted by the Chairman to PCTA. It is further recommended that all National Committees of ICID be invited to submit a Scoping Report to PCTA for consideration and formation of this New Working Group.

5. Finally, thanks are due to all active members of the Task Force for their contributions over the last 4 years.



**REPORT OF THE TASK FORCE ON
FINANCING WATER FOR AGRICULTURE (TF-FIN)**

During the term of activities from 2009 to 2013, 3 workshops were organized on (i) principles and approaches; (ii) policies and strategies; (iii) country case studies of water use charges and financing of irrigation development. Contributions through presentation and papers on all 3 topics were made by Task Force members from Australia, France (on Thailand), and South Africa, while contributions on strategies and water use charges were made by the Task Force member from Japan. The representatives from India and Pakistan and member from Iran submitted papers on policies and strategies regarding water use charges and financing of irrigation. The draft final report was submitted during the meeting held in Adelaide, Australia in June 2012. Since then all papers on presentations made during the 2012 workshop have been completed. The final report on papers addressing the mandate of the TF with conclusion and recommendation has been submitted to members and ICID Central Office. The activities of TF-FIN are therefore concluded with the meeting held in Mardin, Turkey in 2013. It is recommended that (1) the report is finally edited for publication by ICID; and (2) establishment of a new Working Group on Development and Management of Water User Associations (WUAs) "is considered.



**Minutes of the 4th Meeting of the
TASK FORCE ON WATER FOR BIO-ENERGY AND FOOD (TF- BIO-ENERGY)
03 October 2013: 09.00-10.30 hours
Mardin, Turkey
Strategy Theme: Basin**

Year of Establishment: 2010

Completion of the Mandate: 2013

Mandate: Evolve “ICID’s position on Water for Bio-Energy and Food”

Members Present: (1) Mr. Laurie Tollefson, Chairman (Canada, 2010); (2) Dr. FuqiangTian (China, 2012); (3) Mr. Uttam Raj Timilsina (Nepal, 2012)

Observers: (1) Mr. André Roux (South Africa)

TF-BIO-ENERGY Minutes Item 1: Action Taken Report by Chair

1. The Chairman gave a brief report regarding decisions and actions taken since Adelaide (2012). This includes members preparing country presentations and soliciting other countries to provide information.

TF-BIO-ENERGY Minutes Item 2: Review of membership of the Task Force

2. The Central Office has invited nominations from the National Committees as well as from the countries, which have been invited to submit the country papers. However, none of them responded to the requests. The attendance was reviewed and members felt that although the group is small, its members participate most actively. .

3. Dr. FuqiangTian (China) provided the group an excellent PowerPoint presentation on the status of biofuels in China during the meeting. Similar presentations were made in Adelaide (2012) by Canada, South Africa, Nepal and India.

TF-BIO-ENERGY Minutes Item 3: Publications of the Task Force

4. The TF will develop a position paper based on country paper submissions. Currently submissions have been received from South Africa, India, Canada, and Nepal. To enrich the publication, submissions from Australia, Brazil, China, Iran and the USA have been requested but not received till date. The Central Office is requested to write to the National Committees mentioned above and elicit their country presentations.

TF-BIO-ENERGY Minutes Item 4: Tenure of the Task Force

5. The TF is currently scheduled to end in 2013. The group recommends an extension of the tenure of the TF to 2014. This will provide sufficient time to complete the report using the material already submitted and hopefully integrating submissions from some or all of the countries previously mentioned to broaden and enrich the document.

6. The group discussed potential future activity and suggested a two pronged approach. The Task Force will bring out the ICID position paper in 2014 and suggested that a WG on this subject be considered and National Committees be requested for potential membership.

TF-BIO-ENERGY Minutes Item 5: Any other business

7. Meeting closed with thanks to the Chair.



**Minutes of the 2nd Meeting of the
TASK FORCE ON VALUE ENGINEERING (TF-VE)
03 October 2013: 09:00-10:30 hours
Mardin, Turkey
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)

1. Develop a Website on application of Value Engineering in Irrigation and Drainage projects
2. Produce a Documentary on application of Value Engineering in Irrigation and Drainage projects
3. Organize workshops and seminars on application of Value Engineering in Irrigation and Drainage projects
4. Prepare a Manual on application of Value Engineering in Irrigation and Drainage projects

Member Present: (1) Dr. Kamran Emami, Chairman, 2013 (Iran, 2012).

Observers: (i) Ir. Enayatollah Farahani (Iran); (ii) Ir. Shahriar Serghiniazad; (Iran); (iii) Ir. Ali Mohammadi (Iran); (iv) Ir. Leon Wijnker (Netherlands); (v) Dr. Herve Plusquellee (USA); (vi) Ir. Aynur FAYRAP (Turkey); (vii) Ir. Ayseri Pervin Gungor (Turkey); (viii) Mrs. Remziye Yildiz Gulagaci (Turkey); (ix) Ir. Mohd Anuar Musardar Yusoff (Malaysia), Mohd Azmi Ismail (Malaysia); (x) Ir. Nor Hisham M. Ghazali (Malaysia); and (xi) Ir. Anneke van der Kraan (Netherlands).

TF-VE Minutes Item 1: Action Taken Report by Chair

1. Dr. Kamran Emami, Convener of the TF-VE referred to actions taken for strengthening its membership. Efforts were made to invite papers for the internal workshop of the TF-VE at Mardin.

TF-VE Minutes Item 2: Membership of the Task Force

2. The following nominations were received :
 - (a) Mr. François BRELLE (France)
 - (b) Mrs Remziye YILDIZ GULAGACI (Turkey)
 - (c) Mr. Suman Sijapati (Nepal) – re-nomination
3. Upon representation by Prof. Herve Pasquellec (France), the nomination of Mr. François BRELLE (France) was accepted although he could not be present due to travel restrictions. The nomination of Mrs Remziye Yildiz Gulagaci from Turkey was unanimously endorsed by the task force to be a member and also it's Vice-Chair. The nomination of Mr. Suman Sijapati from Nepal was again deferred as he was neither present nor represented. The TF also agreed for Dr. Emami to be the Chair and Ir. Nor Hisham M. Ghazali (Malaysia) to be the Secretary of the TF (subject to his formal nomination from MANCID).
4. Observers were advised to be in contact with their respective national committees and get themselves nominated for the membership to the TF.

TF-VE Minutes Item 3: Review of the establishment of the TF-VE

5. The meeting agreed that the TF-VE will continue working towards its mandate. It was decided to complete the mandate of the TF by Sep. 2015 as the first meeting of the TF was held at Adelaide in 2012.

6. Referring to the terms of references, the TF has yet to make significant progress towards achieving its mandate due to a lack of members. Nonetheless, Value Engineering is far too important to be ignored and it is thus the task of the TF to promote VE, beginning with the members' from NCs. It was suggested the TF establish contacts with the World Bank for promotion of VE in water projects.

7. Dr. Emami emphasized that the official title of the TF-VE would be *Task Force on Value Engineering for Cost Saving in Irrigation and Flood Projects*. He then reflected on the history and benefits of value engineering efforts in the USA for 5800 highway projects. The value engineering process had resulted in a total of 6% savings based on initial project costs (22.5 Billion Dollars saving out of 374 Billion Dollars Initial cost). The percentage of the potential savings would be definitely higher in developing countries due to several reasons.

8. Irrigation, drainage and flood management projects are often associated with huge costs and could significantly benefit from the value engineering process. Some form of cost management which seeks to optimize the project value is normally present in development projects but these are generally intuitive or qualitative. The challenge for the ICID community is to migrate from the intuitive to a more structured or systematic approach which is what Value Engineering offers.

9. The activities of the TF for next two years are shown in the Work Plan at **Annex**.

TF-VE Minutes Item 4: Internal Workshop of TF-VE at Mardin, Turkey in 2013

10. Although a workshop on 'Value Engineering' was scheduled during this meeting, the call for papers elicited few responses. It was thus agreed that this internal workshop be deferred to the 22nd ICID Congress and 65th IEC Meeting of ICID in Gwangju, Republic of Korea in 2014. All members were encouraged to contribute papers.

TF-VE Minutes Item 5: Any other business

Knowledge Sharing

- (a) The Chairman distributed a CD entitled "*Application of Value Engineering in Irrigation and Drainage Projects*". The CD includes a lecture on application of VE in Irrigation and some papers and manuals on VE.
- (b) Ir. Nor Hisham M. Ghazali (Malaysia) shared a brief presentation on the "*Implementation of Value Engineering in Malaysia*".
- (c) The TF decided to establish its website to promote value engineering and gradually introduce e-learning / remote training programmes making use of available ICID facilities.



TWO-YEAR WORK PLAN

Activity*	2013	2014	2015
<i>Publications</i>			
Produce documentary		√	√
Prepare Manual		√	√
<i>Workshop</i>			
Organize Workshop	√	√	
Develop website	√	√	



**Minutes of the 6th Meeting of the
WORKING GROUP ON WATER MANAGEMENT IN WATER
STRESSED REGIONS (WG-DROUGHT)**

03 October 2013, 11.00-12.30 hours (Session I)

03 October 2013, 13.30-15.00 hours (Session II)

Mardin, Turkey

Strategy Theme: Basin

Year 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: (a) 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; (b) Approaches and strategies for incorporating economic justification when deciding on the amount of water to be allocated for agricultural production; (c) Re-defining, as necessary, the conventional irrigation efficiency concept; and (d) 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) VPH Franklin E. Dimick, Chairman (USA, 2009) represented by Ir. Bryce A. Contor; (2) Mr. Mohammad Sadegh Jafari, Vice-Chairman (Iran, 2008); (3) Prof. Chang-Chi Cheng (Chinese Taipei, 2008); (4) Dr. Takanori Nagano (Japan, 2011); (5) Mr. V.C. Ballard (Australia, 2012); (6) Dr. Gurhan Demir (Turkey, 2012); and (7) Dr. Hakan Aksu, Young Professional (Turkey, 2012).

Observers : (i) Ir. Michael Talhami (Jordan); (ii) Ir. Ming-Yong Jan (Taiwan); (iii) Prof. Wei Hsien Yu (Taiwan); (iv) Ir. Yi-Chuan Liu (Taiwan); (v) Ir. Ching-Tieu Chen (Taiwan); (vi) Mr. John Metzger (GWP); (vii) Ir. Enayatollah Farahanic (Iran); (viii) Mr. Bashir Ahmad (Afghanistan); (ix) Ir. Faisa Basiri (Afghanistan); (x) Dr. Nefise Gedikogcu (Turkey); (xi) Ir. Mehmet Soylu (Turkey); and (xii) Dr. Abdelraouf Ramadan Eid (Egypt).

Website: <http://wg-iadws.icidonline.org>

Mr. Mohammad Sadegh Jafari (Iran), Vice-Chairman of the WG chaired the meeting in absence of Chair

WG-DROUGHT Minute Item 1: Action Taken Report by Chair

- 1. The Chair reported limited participation by group members since the Adelaide meeting and encouraged members to participate during the next year.

WG-DROUGHT Minute Item 2: Review of the membership

- 2. Memberships of Mr. Abraham Mehrari Haile (The Netherlands) and Dr. Benjamin de Leon Mojarro (Mexico) were discontinued because they have not participated in WG activities for two years.
- 3. In the absence of the Mr. Abraham Mehrari Haile as the secretary, Mr. Clarke Ballard offered to fill the role of Secretary. The meeting accepted this offer.

WG-DROUGHT Minute Item 3: An International Workshop on ‘Developing Management Strategies for Coping with Drought and Water Scarcity’ in October 2013 at Mardin, Turkey

- 4. An International Workshop on ‘Developing Management Strategies for Coping with Drought and Water Scarcity’ held on 2 October 2013 at Mardin, Turkey.

5. Seven of the nine accepted papers were presented by the authors. The three themes leaders (namely, Prof. Chang-Chi Cheng (Chinese Taipei), Theme Leader of Theme 1; Mr. Mohammad Sadegh Jafari (Iran), Theme Leader of Theme 2; and Mr. Clarke Ballard (Australia), Theme Leader of Theme 3) will benefit from information for their themes from the papers presented at the workshop. Issues discussed in the papers included:

- (a) Preparation of models to predict beginning, duration and end of droughts;
- (b) Management of water demand during droughts;
- (c) Saving water at irrigation system level and on-farm;
- (d) Modification of water allocation to water users;
- (e) Water right transfer and prioritizing;
- (f) Legislative and legal foundation for water right transfers and water allocation modification;
- (g) Development of new water resources.

WG-DROUGHT Minute Item 4: Presentations by Theme Leaders

6. Theme 1: Drought Management Strategies in Water Stressed / Scarce Regions - Prof. Chang-Chai Cheng (Chinese Taipei) reported limited participation by WG members, but presented a framework and a list of headings for his theme, including their classification into national, regional and local level and into short term and long term strategies.

7. Theme 2: Coping with Water Scarcity – Mr. Mohammad Sadegh Jafari (Iran) had previously circulated a detailed set of headings for this theme, which is open to comments and modification.

8. Theme 3: Rainfall Harvesting and Management for Sustainable Agriculture in Water Stressed /Scarce Regions– Mr. Ballard (Australia) reported little progress since the Adelaide meeting because of lack of WG member input. However, some fresh information is available from the Workshop papers.

WG-DROUGHT Minute Item 5: Publications of the Working Group

WG-DROUGHT Minutes Item 5.1: 'Irrigation under Drought and Water Scarcity' – publication of the erstwhile WG-IADWS

9. An outline of draft of the publication was passed on from the ICID to Messrs Mr. Mohammad Sadegh Jafari and VPH Dr. S. Nairizi for their concurrence.

WG-DROUGHT Minutes Item 5.2: Final output of the WG-DROUGHT required by 2014

10. The WG decided on a single publication with 3 chapters based on the 3 themes. The three theme leaders have to collaborate to get the outline finalized. A draft outline will then be circulated among WG members with a request for comments and contributions. A draft final publication will be presented at the 2014 meeting in Korea.

WG-DROUGHT Minute Item 6: Three-Year Rolling Plan

11. The WG members were requested to participate in preparation of the draft publication of the WG, so that the draft could be commented on and finalized by the year 2015. Therefore, it is expected that the task of the WG will have to be extended by one year to the year 2015.

WG-DROUGHT Minute Item 7: Any other business

12. Prof. Cheng (Chinese Taipei) presented his work 'Assembling Multifunction Platform'

- (a) Mr. Hakan Aksu (Turkey) presented his poster paper on Drought assessment of Ankara.
- (b) The chair apprised the WG members of the new on-line facilities provided by the Central Office for video conference of the WG group members, if further deliberation was required.



**Minutes of the 8th Meeting of the
WORKING GROUP ON GLOBAL CLIMATE CHANGE AND
AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**

03 October 2013, 11.00-12.30 hours (Session I)

03 October 2013, 13.30-15.00 hours (Session II)

Mardin, Turkey

Strategy Theme: Basin

Year of Establishment: 2005

Completion of the Mandate: 2014

Mandate: (i) To review the progression of and predictions for Global Climate Change (GCC) and climate variability, (ii) To explore and analyze the medium-term implications of climate change and climate variability for irrigation, drainage, and flood control, (iii) To stimulate discussion and raise awareness of water-related GCC issues within the ICID family, (iv) To stimulate discussion at national scales among scientists, policy makers, and, through the media, the general public on GCC and water, and (v) To join the international dialogue on GCC and water.

Members Present: (1) VPH Dr. Mark Svendsen, Chairman (USA, 2006); (2) Dr. Tsugihiko Watanabe, Vice Chairman (Japan, 2006); (3) Dr. Ray Shyan Wu, Secretary (Chinese Taipei, 2009); (4) Prof. Heping Hu (China, 2008); (5) Prof. Sue Walker (South Africa, 2009); (6) Dr. Roestam Sjarif (Indonesia); (7) Mehmet Sait Tahmiscioglu (Turkey, 2012).

Permanent Observer: Giovanni Munoz (FAO representative)

Observers: (i) A.S. Roux (South Africa); (ii) Nam Won-Ho (Korea); (iii) Mohd Anuar Musardar Yusoff (Malaysia); (iv) Dr. M. Amin (Malaysia); (v) Cuthbert Kaba Nabulse (Ghana); (vi) Ms. Jianxin Mu (China); (vii) Hande Akgokao (Turkey); (viii) Chuan Wang (Taiwan); (ix) Hsiu-ling Chen (Taiwan); (x) Li-Hua Chang (Taiwan); (xi) Prof. Jin-Yong Choi (Korea); (xii) Dr. Sylvester Mpandeli (South Africa); (xiii) Homan Khaledi (Iran).

Website: <<http://wg-climate.icidonline.org/>>

WG-CLIMATE Minutes Item 1: Action taken report by Chair

1. The WG jointly with WG-CROP organized an international workshop on 'Management of Water, Crops and Soils under Climate Change' held at Mardin. The WG has also initiated a work plan to prepare a note on the technical aspects of 'Adapting Irrigation and Drainage to the Impacts of Climate Change' as agreed at the Adelaide meeting. Taking into account the overall theme of the forthcoming ICID Congress relating to climate change and its various impacts, WG reconsidered the idea of preparing the technical note and instead proposed to adapt the outcome of the Congress questions and bring out a comprehensive document by synergizing outcomes of these various events. .

WG-CLIMATE Minutes Item 2: Review of membership

2. Prof. Dr. Choi, Jin-Yong, nominated by KCID (Korea) was present and was accepted as a member.

3. The following nominations were deferred once again due to their non-attendance:

- (a) Mr. Dinesh Bhatt (Nepal),
- (b) Ir. C.W.J. Roest (The Netherlands), and
- (c) Engr. Riaz Ahmad Khan (Pakistan).

4. In accordance with ICID By-law 3.6, the Chair recommended discontinuation of the membership of Dr. Kim Russell (Australia), and Dr. Krishna Kumar Kanikicharla (India) and requested Central Office to ask the respective national committees to nominate new representatives.

WG-CLIMATE Minutes Item 3: Global Framework for Climate Services

5. The Global Framework for Climate Services (GFCS) was established by the UN System under the leadership of the WMO to provide relevant climate related information to national users. The GFCS focuses on four priority areas i.e. agriculture and food security, disaster risk reduction, health, and water.

6. Chair Dr. Svendsen and Secretary General Avinash Tyagi have been involved in the discussion of the User Interface Platform and provided inputs to the implementation plan particularly for water and agriculture sectors. At the Adelaide meeting, it was felt that participation of the national committees in the GFCS will help stimulate discussion at national scale among scientists, policy makers and the general public.

7. With the above background and subsequently with the leadership of Secretary General Avinash Tyagi and guidance of President Gao Zhanyi, a MoU between WMO and ICID was signed in July 2013. The 5-year MoU is intended to enhance WMO's ability to appropriately make use of outreach, capabilities and expertise of ICID in the areas of flood/ drought /irrigation management by the worldwide irrigation and drainage community. The MoU will be implemented generally through exchange of information; coordination of joint projects, joint research tasks, experiments and trials, provision of technical support services, advice, consultation, joint applications for project funding, etc. The MoU provides a vehicle for implementing the specific activities which may be proposed in the future.

WG-CLIMATE Minutes Item 4: WG related events

WG-CLIMATE Minutes Item 4.1: International Workshop on Management of Water, Crops and Soils under Climate Change

8. The International Workshop on "Management of Water, Crops and Soils under Climate Change" was held during the First World Irrigation Forum (WIF1) on 2 October 2013. The workshop was organized jointly by WG-CROP and WG-CLIMATE. In total, 15 papers and 3 short communications were received for the workshop. Nine papers were selected for presentation, while six papers were actually presented.

9. Given the problems experienced during the preparation for the workshop, the WG recommended to PCTA to ask the Central Office to develop written guidelines on the process involved in developing WG-initiated workshops.

WG-CLIMATE Minutes Item 4.2: WMO's side event at Mardin

10. WMO organized a side event on "Climate services to optimize irrigation use and improve farmer management in agriculture" at Mardin. The objective of the event was to set out a mechanism to build links between the climate service providers in the region as well as countries and irrigation managers. Dr. Sue Walker explained WMO's presentations relating to the information available for farmers. Dr. Walker also suggested inviting WMO to demonstrate those modes for the WG at the next congress. Chair Dr. Svendsen suggested bringing in the World Bank/ ADB programs to provide funding for implementing activities under the MoU.

WG-CLIMATE Minutes Item 4.3: 22nd International Congress on Irrigation and Drainage, September 2014, Korea

11. The 22nd International Congress on Irrigation and Drainage will be hosted by the Korean National Committee (KCID) during 14-20 September 2014. The theme of the Congress is "Securing Water for Food and Rural Community under Climate Change". The Question 58 of the Congress deals with "How irrigation and drainage play an important role in climate change adaptation?" while the sub-question 58.1 is 'Understanding impacts of climate change on land and water use'.

12. Chair Dr. Svendsen presented a short talk on the sub-question which covered the impacts, namely water supply/ demand, sea levels, crop growth, and others along with possible adaptations strategies. Secretary Dr. Wu suggested compiling related papers which will be contributed to Korea congress and re-organize in a way to cover the important agricultural, irrigation and drainage issues.

WG-CLIMATE Minutes Item 5: Publications of the Working Group

13. Chair Dr. Svendsen suggested that instead of preparing a technical note as decided at the Adelaide meeting, the WG would support KCID/ Central Office to solicit papers for question 58.1 for the 22nd Congress and selecting the best papers for publication into a special issue of ICID Journal, which would then serve as a principal output of the WG.

WG-CLIMATE Minutes Item 6: Website of the Working Group

14. The website of WG-CLIMATE <http://www.icid.org/wg_climate.html> is functional. Members were requested to access the refreshed website and provide their comments/ suggestions along with some relevant documents, links etc. for its posting on the group's website. The presentation made by Chair Dr. Svendsen at Mardin will be posted on WG webpage. The WG asked the Central Office to maintain the website currently maintained by Dr. Ray Shyan Wu, Secretary (Chinese Taipei).

WG-CLIMATE Minutes Item 7: Any other business

15. Dr. Walker was invited and made a brief presentation on "Crops for the Future Research Centre".

The meeting was concluded after the presentation.



**Minutes of the 3rd Meeting of the
WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)
03 October 2013, 11.00-12.30 hours (Session I)
03 October 2013, 13.30-15.00 hours (Session II)
Mardin, Turkey
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); (3) Dr. Kazuaki Hiramatsu, Secretary (Japan, 2011), represented by Dr. Hajime Tanji; (4) Dr. (Ms.) Hsiao-Wen Wang (Chinese Taipei, 2010), as Young Professional; (5) Prof. Budi Santoso Wignjosukarto (Indonesia, 2011); and (6) Ir. Hj. Nor Hisham bin Mohd Ghazali (Malaysia, 2012).

Observers: (i) Dr. Momon S. (Indonesia); (ii) Ir. Jeong Ryeol Jang (South Korea); (iii) Ir. Hong, Eunmi (South Korea); (iv) Ir. Pin-Han Kuo (Taiwan); (v) Ir. Chen Hung-Kwai (Taiwan); (vi) Ir. Shih-ho Wang (Taiwan); (vii) Ir. Masao Miyazaki (Japan); (viii) Ir. Iwan Nursyirwan (Indonesia); (ix) Ir. John Metzger, GWP, Sweden; and (x) Ir. Mohd Azmi Ismail (Malaysia).

Website: <<http://wg-sdta.icidonline.org>>

WG-SDTA Minutes Item 1: Action Taken Report by Chair

1. WG-SDTA had planned to publish a Special Issue on SDTA in ICID Journal-Irrigation and Drainage in 2013. The Chairman informed all the members and supporters of WG-SDTA that the Special Issue titled "Sustainable Water and Land Management in Tidal Areas" was available online at <<http://onlinelibrary.wiley.com/doi/10.1002/ird.v62.S1/issuetoc>>. Thanks to all supporters for their contribution and cooperation in this process. Special thanks to Prof. Bart Schultz for his great support and help on publishing this issue.

2. In the year 2012, WG-SDTA had communicated with WG supporters and contributors as well as ICID Central Office for various issues by approximately 80 e-mails. The communication includes the draft agenda and minutes, preparing for the workshop and short course and the publishing of the Special Issue etc.

3. The Chairman also referred to many other actions that emerged from the minutes of Adelaide meeting in 2012.

WG-SDTA Minutes Item 2: Review of the membership of the Working Group

4. The Japanese National Committee of ICID nominated Dr. Hajime Tanji (Japan) in place of Prof. Dr. Kazuaki Hiramatsu for the membership. His nomination was accepted, as he attended the meeting and shown his willingness to contribute. Dr. Hajime Tanji assumed the position of WG Secretary. The WG welcomed Dr. Hajime Tanji as the new Secretary of the WG. The Working Group acknowledged efforts and contributions of Dr. Hiramatsu to the Working Group as its Secretary since 2011.

5. The memberships of Dipl. Ing. Bernd Probst (Germany) was discontinued due to his non-attendance and no communication. His valuable contributions to the SDTA Handbook, however, were greatly acknowledged.

6. As for the memberships of Dr. E.J. James (India), he expressed (August 21, 2013) his interest in continuing the membership of WG-SDTA. He is currently serving the Statutory Wetland Regulatory Authority (India), which looks into the coastal and tidal water bodies. The WG decided to continue his membership, subject to his active participation in the activities of the WG.

WG-SDTA Minutes Item 3: WG Workshops

WG-SDTA Minutes Item 3.1: Internal Workshop on ‘Environmental Impacts and Sustainable Management of Tidal Areas’ in 2013

7. An internal workshop titled “*Environmental Impacts and Sustainable Management of Tidal Areas*” was organized during the WG meeting. **Annex 1** enumerates the papers presented in the workshop.

WG-SDTA Minutes Item 3.2: International workshop on ‘Sustainable Management of Tidal Areas in the Era of Climate Change’ in 2014

8. The WG will organize an International Workshop on “*Sustainable Management of Tidal Areas in the Era of Climate Change*” during Korea Congress in 2014. The theme and sub-themes of the workshop are given in **Annex 2**. The draft announcement, review team, deadlines etc. will be finalized in due course of time after discussion with Ex-Chairman Dr. Park Sang Hyun.

9. Frequency of International Workshops: The WG arrived at consensus to hold international workshop every two years. The workshop announcement (scope, theme-sub-themes, reviews, deadlines etc.) will be discussed among WG leaders first, and then sent to members for their opinion. The SDTA member from the host national committee is expected to take lead in organizing the workshop.

WG-SDTA Minutes Item 4: Short Course to be organized in 2015

10. According to the rolling plan, WG-SDTA planned to hold a short course in 2015. In the WG meeting last year in Adelaide, Ex-Chairman Dr. Park Sang Hyun (Korea) proposed to hold the short course during 2014 Korea Congress. However, in view of organizing an International Workshop in 2014, the WG decided to hold the short course following the original plan on 2015. Some points for consideration, while designing the short course:

- a. Young professionals are likely to be the participants with at least five years of experience in the subject area
- b. Consider a pre-course webinar to bring the participants to a reasonably same level of understanding on the subject
- c. The preferred learning route could be: experience – knowledge – application

11. The Chairman may design the first draft announcement (theme, schedule, duration, participants/faculty and venue) in cooperation with WG leaders, and then invite comments from members. However, the announcement must be finalized well before the next meeting of the WG in September 2014 at Korea

WG-SDTA Minutes Item 5: Publications of the Working Group

WG-SDTA Minutes Item 5.1: A Special issue of ICID Journal on SDTA in 2013

12. WG-SDTA has published a Special issue of ICID Journal titled “Sustainable water and land management in Tidal Areas” in 2013. The Special Issue can be access online at: <http://onlinelibrary.wiley.com/doi/10.1002/ird.v62.S1/issuetoc>. The members expressed their thanks and gratitude to Korean National Committee of ICID (KCID), Japanese National Committee of ICID (JNC-ICID) and Chinese Taipei Committee of ICID (CTCID) for sponsoring the issue.

WG-SDTA Minutes Item 5.2: Another Special Issue of ICID Journal on SDTA in 2016 – new theme and topic

13. The WG is also preparing to publish another Special Issue of ICID Journal on SDTA in 2016. The papers collected from the Internal Workshop of 2013 and the International Workshop in 2014 will be the valuable source for papers in the Special Issue. Vice-Chairman Prof. Henk Ritzema will organize the review committee to select and review papers for the Special Issue.

WG-SDTA Minutes Item 6: Work Plan and Future Activities

14. The working group plans to bring out various possible outputs emerging from the activities of the WG towards full-filling the mandate. The activities as listed in **Annex 3** will be completed by organizing internal/international workshops and short courses.

WG-SDTA Minutes Item 7: Four-Year Work Plan

15. The detailed four-year work plan is given at **Annex 4**. As for SDTA information platform, the relevant and information will be collected from member countries and upload onto ICID WG-SDTA's website. Past proceedings and related information without copyright concerns can also be collected and shared through the website.

16. As far visiting member countries for experience exchange, it is suggested to merge these visits as technical tours at the time of regular international workshops in different countries. In case, a member country has an exchange program, it can be included in the action taken report as well.

WG-SDTA Minutes Item 8: Any other business

17. WG-SDTA is trying it's best to make communication with related supporters and organizations, with hope to have more interaction and cooperation towards better outcome from WG-SDTA.

The meeting ended with thanks to the Chair.



LIST OF PAPERS PRESENTED DURING THE INTERNAL WORKSHOP

No.	Names	Country	Title of the Papers
1.	Dr. Park Sang-Hyun represented by Dr. Jang Jeong-Ryeol	Korea	Possibility of the Byeokgolije Dam as a Dike in the Tidal Area
2.	Prof. Bart Schultz	The Netherlands	Impacts of Man-Induced Changes in Land Use and Climate Change on the Sustainable Development of Coastal and Deltaic Areas
3.	Mr. Abu Saleh Khan et al	Bangladesh	Redesigning Coastal Polders in Bangladesh considering Sea Level rise and Climate Change
4.	Ir. Nor Hisham M. Ghazali et al	Malaysia	Impact of Sea Level Rise and Tsunami on Coastal Areas in Northwest Peninsular Malaysia
5.	Prof. Hsiao-Wen Wang Ms. Pin-Han Kuo	Taiwan	Opportunities for Enhancing Bird Habitat by Gate Operation at Budai Salt Pond Wetland in Coastal Taiwan
6.	Dr. Hajime Tanji et al	Japan	Recovery of Tsunami affected Tidal Areas in Miyagi Prefecture
7.	Prof. Henk Ritzema	The Netherlands	Collaborative Research to Improve the Water Management in the Rice Polders in Nickerie, Surinam
8.	Mr. Hung-Kwai Chen	Taiwan	Integrated Flood Control and Land Restoration Planning for Severe Land Subsidence Area in Pingtung
9.	Dr. Budi Santoso Wignyosukarto	Indonesia	Flood Mitigation in the Development of Peat Land, Riau Indonesia



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.

Sub-themes:

1. Marine and tidal influences such as sea water rise, storm, waves and water temperature
2. Terrestrial influences such as flood and drought disaster concerned with precipitation and other meteorological changes.
3. Adaptation measures and strengthening of irrigation, drainage and flood prevention facilities
4. Environmental conservation to keep water quality and biological diversity
5. Soil, water and wetland conservation in tidal and reclamation area
6. Institutional management and stakeholders' participation
7. Impact and contribution of tidal reclamation work on climate change
8. Economic issues of gain and losses from climate changes

KCID will support the printing cost of the proceedings and editing 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 be organized.



WORK PLAN AND FUTURE ACTIVITIES

(a) Sustainable management options for lowlands

1. Review and evaluation of existing management systems, operation standards, and mitigation strategies
2. Enhancing the food supply for people and the productivity of irrigated and drained area by improving water and land management
3. Management of resources and promotion of sustainable production
4. Proposing innovative strategies (room for water, rental area, dam removal etc.?) for the sustainable development and management in tidal areas
5. Scenario analysis and decision support
6. Risk assessment (vulnerability etc.?)
7. Sustainability definition and evaluation (PPP)

(b) Climate change and increasing risks on tidal areas

1. Understanding the changing facts, the causes of recent events, etc.
2. Redefining the return interval of extreme events
3. Using GCMs and changing records to predict for the rising sea level, storm surge, extreme floods, droughts and so on
4. Simulating hydrological and ecological consequences under global climate change
5. Raising awareness and dialogues to cope with the increasing risk on tidal areas due to global climate change
6. Risk management to protect people, property and the environment of tidal areas from natural and man-made hazards
7. Working with IPCC and WG-Climate change
8. Understanding adaptations worldwide
9. 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

1. Review and evaluation of the existing design and management systems, operational standards, and rehabilitation methods
2. Appraisal using methods that are rigorous, coherent and transparent and consider social, environmental and economic costs and benefits
3. Establishing standard operation protocols
4. Enhancing survey techniques and monitoring programs
5. Database establishment
6. Improving the productivity of irrigate and drained lands through appropriate application of irrigation, drainage, and flood management technique
7. 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

1. Understanding the current state and underlying problems of natural wetlands
2. Understanding the current state of constructed wetlands and learn from the failure or unexpected cases
3. Considering indicator species vs. ecosystem as a whole
4. Habitat conservation and restoration Evaluating wetland compensation
5. Ecosystem services
6. Environmental enhancement and stewardship of natural resources
7. Providing wildlife-oriented public access and recreation

(e) Organize international dialogue / conferences to promote land and water management in tidal areas

1. Holistic engagement with social, economic and environmental issues
2. Involvement of stakeholders
3. 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
4. Workshops
5. Short Courses
6. Webinar
7. Collaborating with other related working groups actively
8. Providing a transparent platform for public

(f) Co-operate / co-organize events with other related Working Groups - WG-DRG, WG-Climate and WG-ENV



FOUR YEARS WORK PLAN

Activity	2013	2014	2015	2016
Publication of Special Issue				
• Announcement (Guidelines)	✓	✓		
• Inviting Authors	✓	✓	✓	
• Study and Writing		✓	✓	
• Publication of the Special Issue				✓
• Dissemination of the Special Issue				✓
Workshop				
• Determining subject of workshops	✓	✓		
• Workshops	✓	✓		
• Dissemination	✓	✓	✓	✓
Short Courses				
• Determining subject of short course	✓	✓		
• Determining organizer of each course	✓	✓		
• Preparing	✓	✓		
• Short courses			✓	
• Dissemination	✓	✓	✓	✓
Recruiting New Members	✓	✓	✓	✓
SDTA Information Platform	✓	✓	✓	✓
Visiting member counties (experience exchange and discussion)	As written in Item 7			

**Minutes of the 22nd Meeting of the
COMMITTEE ON PUBLIC RELATIONS AND PUBLICATIONS (C-PR&P)
03 October 2013, 11.00-12.30 hours (Session I)
03 October 2013, 13.30-15.00 hours (Session II)
Mardin, Turkey
Strategy Theme: Knowledge**

Year of Establishment: 1992

Mandate: (i) 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, (ii) 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, (iii) 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, 1992); (2) PH Bart Schultz (The Netherlands, 2009); (3) Dr. Yingduo Yu (China, 2012); (4) Secretary General represented by Madhu Mohanan.

Member Hon.: President Gao Zhanyi (China)

Observers: (i) SGH M. Gopalakrishnan (India); (ii) Ms. Pooja Kapoor (representing Mr. R.K. Gupta/ Mr. C.P. Arora, (India); (iii) Homan Khaledi (Iran).

Website: <<http://c-prp.icidonline.org/>>

C-PR&P Minutes Item 1: Action taken report by Chair

1. The Chair noted the excellent progress on the development of the ICID website since the Adelaide meeting. Additional follow up was discussed at the meeting as reported in the following items.

C-PR&P Minutes Item 2: Membership of the Committee

2. WAPCOS (India) Limited which has joined ICID as 'Direct Member' under 'Institution' category nominated Mr. C.P. Arora (India) for the membership of the Committee. The Indian National Committee on Surface Water (INCSW) nominated Mr. R. K. Gupta for the membership of the Committee. Neither of the nominees attended the Mardin meeting but were represented by Ms. Pooja Kapoor. However, the Committee proposed to defer their acceptance until the next meeting to be held in Korea in 2014. '

3. In accordance with the ICID By-law 3.6, the Chair recommended discontinuation of the membership of Mr. A.K. Ganju (India). President Honoraire Peter Lee requested to withdraw his membership as he exceeded the limit on the number of workbodies that he can serve.

C-PR&P Minutes Item 3: Publications brought out and under processing during the period 2012-13

C-PR&P Minutes Item 3.1: Periodicals

4. The Committee noted about the publications - ICID e-Bulletin, News Update, ICID News brought out by the Central Office. All the past issues of these periodicals are available on ICID website.

5. Committee also noted about the excellent Annual Report 2012-13 brought out by the Central Office and is also available on the website. Latest issues of News Update, ICID News and Annual Report were also made available through ISSUU (a digital online publishing portal), and 'Facebook' page of ICID.

C-PR&P Minutes Item 3.2: Publications under processing

6. The following ICID publications are under processing:

- (a) 'Inter-basin Water Transfer: Global Experiences – Analyses and recommendations' (by erstwhile TF- IBWT). Pres. Hon. Prof. Bart Schultz, Chairman of the erstwhile TF informed that the publication will be made available at the Korea Congress.

7. The WG-IADWS publication "*Irrigation under Drought and Water Scarcity*" is being revised by the Central Office and a draft document was tabled at the WG-DROUGHT meeting for comments/ suggestions by members.

8. Working Group on Drainage (WG-DRG) compiled a DVD on "Agriculture Drainage Digest" as a contribution of the WG to the WIF1. The DVD was released during the First World Irrigation Forum (WIF1) at Mardin. The DVD includes proceedings of all past International Drainage Workshops (IDWs), ICID publications related to drainage, special workshops, special issue on drainage of the ICID Journal, select publications of the World Bank, ILRI, FAO, etc.

C-PR&P Minutes Item 3.3: Publications by National Committees

9. Committee noted the publications brought out by some National Committees.

C-PR&P Minutes Item 4: Sale of publications/Congress Transactions during the period 2012-13

C-PR&P Minutes Item 4.1: Sale of Publications

10. The Committee noted the status of sale of publications.

C-PR&P Minutes Item 4.2: Sale of Congress Transactions

11. The Committee suggested that the price of the Congress Transactions might include only the cost of preparing and shipping the Transactions.

C-PR&P Minutes Item 4.3: Policy for sale of ICID publications

12. The Committee noted that all ICID publications will soon be available in electronic version. The Central Office will also keep in view the 'Print on Demand' option for forthcoming publications.

C-PR&P Minutes Item 5: Report on ICID Journal

13. Pres. Hon. Bart Schultz reported on the *ICID Journal*, noting that:

- (a) About 1/3 of the papers submitted are published in the Journal.
- (b) During 2013, new software is being used for the review process. Five issues of 144 pages each and two Special Issues will be brought out. A regular issue will be brought out by publishing select papers from the First World Irrigation Forum.
- (c) The impact factor is 0.685.
- (d) A new agreement with M/s Wiley has been signed for the period 2014-2018.

C-PR&P Minutes Item 6: Review of ICID website

14. The Committee reviewed the new ICID website as revamped by the Central Office and made suggestions for additional changes and upgrades. It was suggested that the home page be made much simpler by using more links to sub-pages. It was also recommended that a Site Index be added to the website, linked from the home page.

15. The Committee also noted the development on the new Text Delivery Service (TDS), which is a part of the ICID's knowledge management activity. Central Office representative made an online presentation of the new software through which national committees can add their publications to the centralised TDS database. The Committee appreciated the concept and encouraged all national committees to make use of the new facility.

C-PR&P Minutes Item 7: Digitization of ICID publications

16. The Committee noted the good work on digitization of ICID publications and documents from the year 1950 onwards. All the digitized documents are now available at Central Office in searchable PDF format. Central Office is in the process of placing these digitized special publications in the 'Members only' section for free download.

17. As per the agreement made with M/s De Books, New Delhi, all the recent ICID publications (between 2000 to 2012) have been converted in to e-Pub format and made available to the online users through ICID website (http://www.icid.org/diva_epub_icid.html). Visitors can now download these online e-publications by paying nominal charges.

Committee encouraged all to avail this facility.

C-PR&P Minutes Item 8: Establishment of websites by Workbodies

18. Presently, 20 workbody websites are operational through the www.icidonline.org domain name. The Committee recommended that the link from the www.icid.org (workbodies page) to www.icidonline.org be made more prominent. The WG-ENV and WG-DRG websites can also be accessed through LinkedIn group.

C-PR&P Minutes Item 9: Publicizing outcome of ICID workbodies

19. The Committee supported the idea of publishing the workbody output from time to time. The workbody should spell out the scope, target audience, collaborators and dissemination strategy, and timeline to bring out the publication.

C-PR&P Minutes Item 10: Any other business

20. It was noted that web based video-conferencing or audio/ tele-conference is now available for ICID workbodies. Members can contact Central Office with their requirement in terms of date and time and participants list to enable booking the meetings and facilitating the conferences. More information on these facilities is available at http://www.icid.org/co_whatsnew.html.



**Minutes of the 28th Meeting of the
WORKING GROUP ON COMPREHENSIVE APPROACHES TO
FLOOD MANAGEMENT (WG-CAFM)**

03 October 2013, 11.00-12.30 hours (Session I)

03 October 2013, 13.30-15.00 hours (Session II)

Mardin, Turkey

Strategy Theme: Basin

Year of Establishment: 1999

Completion of the Mandate: 2015

Mandate: 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, 2012 (Germany, 2009); (3) Dr. Takao Masumoto, Secretary, 2010 (Japan, 2009); (4) Mr. Maurice Roos (USA, 2006); (5) Mr. Ahmet Seren, Young Professional (Turkey, 2006); (6) Mr. Olli-Matti Verta (Finland); (7) Dr. Arthon Suttigarn (Thailand, 2012); (8) Ms. Ir. Aysen Pervin Gungor (Turkey, 2012); (9) Dr. Herman Booysen, represented by Mr. Marchiel Vilhoen (South Africa, 2012); and (10) Secretary General, represented by Dr. S.A. Kulkarni).

Newly-nominated member: Mr. Mohd Adnan Mohd Nor (Malaysia).

Observers: (i) Mr. Hannes Pua (Estonia), (ii) Dr. Willem Vlotman (Australia); (iii) Ir. Hilemet Eroylu (Turkey); (iv) Mr. Chaiwat Prechawit (VP-ICID, Thailand); (v) Mr. Anneke van der Kraan (The Netherlands); (vi) Mr. Leona Wijnker (The Netherlands); (vii) Ir. Aysena Oreolde (Turkey); (viii) Ms. Canan Senturk (Turkey); (ix) Mr. Maruf Aras (Turkey); (x) Mr. Shahriar Serghiniazad (Iran); (xi) Mr. Ali Mohammadi-Jaberi (Iran); (xii) VPH Laszlo G. Hayde (Hungary); (xiii) Mr. Mochamad Bazuki (Indonesia); (xiv) Dr. Rozaliya Cvejic (Slovenia, EU); and (xv) Ms. Helena Aijo (Finland).

Permanent Observer: Mr. Giacomo Teruggi (WMO Representative).

Website: <<http://wg-cafm.icidonline.org>>

WG-CAFM Minutes Item 1: Action Taken Report by Chair

1. The Chair reviewed actions taken on the decisions made during the meeting based on minutes of the Adelaide (2012) meeting.

WG-CAFM Minutes Item 2: Review of the membership of the Working Group

2. The nomination of Mr. R.K. Agarwal (India, joined ICID as "Direct Member" under 'Institution' Category) for the membership of the WG was deferred since he was not present in the meeting. The Malaysian National Committee of ICID (MANCID) nominated Mr. Mohd Adnan bin Mohd Nor (Malaysia) and his nomination was accepted unanimously after he briefly introduced himself.

3. In accordance with ICID by-law 3.6, Chair recommended discontinuation of the membership of Mr. Jin Soon Kim (Korea) on the basis of non-attendance and no communication. ICID Central Office may invite fresh nomination from Korea.

WG-CAFM Minutes Item 3: Presentations on Floods (Country Case Studies)

4. Ms. Aysen Pervin Gungor (Turkey) made presentation on 'Flood Situation and Flood Management in Turkey', as a Country case study. In response to the Chairman's request for the presentations on the recent floods, Prof. Dr. Klaus Rottcher (Germany) and Mr. Maurice Roos (USA) also made their country presentations during the meeting on: (i) Floods 2013 in Germany, and (ii) Impact of Hurricane Sandy on New York and Upper Midwest Floods 2013 in USA, respectively.

WG-CAFM Minutes Item 4: Publications of the Working Group

WG-CAFM Minutes Item 4.1: WG publication on ‘Adaptive Flood Risk Management’

5. The WG is planning to publish a document titled “*Adaptive Flood Risk Management*” based on workshop papers and country presentations on floods. Country reports from Turkey, Slovenia, Malaysia, South Africa, Finland and The Netherlands are awaited. On the other hand, the papers from WG workshop, country reports, internal presentations and other resources would be used for WG publication on ‘Adaptive Flood Risk Management’. Vice Chairman Prof. Klaus Rottcher (Germany) has developed a draft framework for the WG document.

WG-CAFM Minutes Item 5: Three-Year Work Plan

6. In order to complete the mandate and focus on specific activity, the members discussed a 3-year work plan which includes activities such as workshops, publications and so on. The WG concluded that the main activities of the WG are the publication of ‘Adaptive Flood Risk Management’, the planning of the 2nd Workshop on ‘Adaptive Flood Risk Management’ in Gwangju, Korea 2014, and the strengthening the WG-CAFM Web Site, including uploading all the presentations for country reports on floods. The details and timeline are tabulated in **Annex 1**.

7. As far as publication on ‘Adaptive Flood Risk Management’ is concerned, the WG has decided to publish it by October 2015 (**Annex 2**). The first manuscript/draft is to be ready by April 2014 (Six months). Eight papers (Paper no 6-14 in the list, Annex 2 of the Agenda 2013) to be used in this publication, following the framework, will be reviewed by WG experts by Jan 2014 (Three months) and further revised by author April 2014 (Three months). Five papers (Paper no 1-5 in the same list) and new papers from Finland, Slovenia, Malaysia, will be prepared by April 2014 (Six months). All other common chapters will be prepared by the Chairman and other experts of the WG by September 2014. Contents of the publication will be improved and strengthened during the 2nd Workshop in Gwangju, Korea in 2014.

WG-CAFM Minutes Item 6: Any other business

8. The cooperation with international organization, such as WMO, UNESCO, ISDR, IAHS and so on, was discussed. Fortunately, Mr. Giacomo Teruggi, representative from WMO, attended the meeting. He could be the focal point for mutual cooperation.



THREE-YEARS WORK PLAN

Activity*	2013	2014	2015
Publications			
• 'Adaptive Flood Risk Management' – Title, chapters etc	Framework Chapter and Country Case Study Chapters [10-20 pages for each chapter]	Review of the publication structure in the Workshop in Gwangju, Korea	Publication
• Inviting Authors	Papers and countries presented in the 2011 and 2012 meetings (such as, Pakistan, Japan, Iran, South Africa, Thailand, Australia, Korea, USA, the Netherlands, Turkey). New papers and countries (Finland, Slovenia, Malaysia, etc.)	Adding some new papers and countries	Revision only
• Peer Review	By the experts in WG-CAFM	By the experts in WG-CAFM	Technical check by the publisher
Workshops			
• Workshop Title, scope etc	-	2 nd Workshop on 'Adaptive Flood Risk Management' to review and strengthen the publication	Under consideration
• Workshop Proceedings	The papers in the previous Proceedings are used as inputs into the publication.	Papers	Under consideration
Others			
• WG workshops	-	Contributing to the above workshop	
• Cooperation with international bodies	WMO, UNESCO, ISDR, IAHS etc.	WMO, UNESCO, ISDR, IAHS etc.	WMO, UNESCO, ISDR, IAHS etc.
• Data Bank on films and documentaries on floods	Starting from strengthening "CAFM-Web Page" through the ICID System	"CAFM-Web Page"	"CAFM-Web Page"

*Action plan need to be described for each activity with timeline and responsibility allocation.



PUBLICATIONS OF THE WORKBODIES**Chairman: Dr. Kamran Emami (Iran)**

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Proceedings of the Workshop/Conference	Using the proceedings as the inputs for the publication	Planners, managers and designers	ICID National Committees	Each year
2	Adaptive Flood Risk Management	Setting up holistic, integrated and adaptive flood management schemes in view of uncertainties resulted from the climate and hydro systems changes	Planners, managers and designers	Members of WG-CAFM and ICID National Committees	2 years for the publication 1 st Year For papers presented in 2013 Workshop, 3 months' review, and 3 months revision For papers to be prepared newly, 6months 2 Year Publication (Sept. 2015)
Filled by: Secretary					
Date: 3 Oct., 2013					



**Minutes of the 5th Meeting of the
WORKING GROUP ON ENVIRONMENT (WG-ENV)
03 October 2013, 11.00-12.30 hours [Session I]
03 October 2013, 13.30-15.00 hours [Session II]
Mardin, Turkey
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) Prof. N. Hatcho, Vice Chairman, 2011 (Japan, 2008); (2) Dr. Michael van der Laan, Secretary (South Africa, 2010); (3) Dr. Hu Heping (China, 2008); (4) Prof. Yih-Chi Tan (Chinese Taipei, 2008) represented by Dr. Chih-Hung Tan; (5) Mr. Mohammad Kazem Siahi (Iran, 2008) represented by Mr. Homan Khaleidi; (6) Mr. Osmo Antero Purhonen (Finland, 2008); (7) Dr. Aynur Fayrap (Turkey, 2012).

Observers: (i) Mukhillis Zainol Abidin (Malaysia); (ii) Dr. Gul Ozerol (Turkey); (iii) Mr. Mati Tonismae (Estonia); (iv) Mohd Yazid bin Abdullah (Malaysia); (v) Engr. Muhammad Sani Bala (Nigeria); (vi) Ismail Widadi (Indonesia); (vii) Prof. Charlotte de Fraiture (The Netherlands); (viii) Purba Robert Sianipar (Indonesia); (ix) Mochamad Basuki Hadimoeljono (Indonesia); (x) Dr. Chi-Jui Huang (Chinese Taipei); (xi) Mustafa Geliker (Turkey); (xii) Dr. J.P. Venot (France); (xiii) Widiyanto (Indonesia); (xiv) Arie Moerwanto (Indonesia); (xv) A.R. Moudnejad (Iran); (xvi) Remziye Yildiz Gulacaci (Turkey); (xvii) Sazouland Douh (Chad).

Website: <<http://wg-env.icidonline.org/>>

(In absence of Chairman Dr. Sylvain Perret (France), Prof. Hatcho Vice Chairman conducted the meeting)

WG-ENV Minutes Item 1: Action taken report by Chair

1. Due to travel restrictions imposed on French citizens by their government, Chair was unfortunately not able to attend the ICID 2013 WG-ENV meeting. Acting on his behalf, Vice-chair Prof Hatcho indicated that since the previous meeting in Adelaide (2012), significant progress had been made by the working group on the focus areas of using Life Cycle Assessment to determine the environmental impacts of irrigation and drainage, as well as irrigation return flows and ecological flows. Vice-Chair indicated that this would be further elaborated on during the course of the meeting.

WG-ENV Minutes Item 2: Membership of the Working Group

2. Ir Mohd Azmi Ismail's (Malaysia) nomination was accepted by all present and Ir Ismail was welcomed into the working group by Vice-Chair.
3. Mr Santosh Kaini (Nepal), Mr W.M. Tembhurney (India) and Mr Syed Mansoob Ali Zaidi (Pakistan) were not present and their nomination as member of the group were therefore not accepted.
4. Central Office will be requested to invite the concerned National Committee of Prof C. de Fraiture and Dr J.P. Venot to nominate these two individuals for membership in WG-ENV.

WG-ENV Minutes Item 3: Agricultural return flow and requirement of environmental flow

5. Mr. Purhonen (Finland) indicated that following the previous meeting in Adelaide (2012), he circulated three documents on environmental flow in Europe to members of the working group. Mr Purhonen gave a brief overview of each of the documents, and explained that the term 'ecological flow' was now favoured over 'environmental flow'. This is because the term 'environment' means different things to different people, and that the term 'ecological' better captures other parameters such as the quality of the water. It was further noted that in 2014, a guideline document on ecological flow in Europe would be released.

6. Dr Choi (Korea) reflected that in Korea, the ecological flow requirement was estimated as the 10 year average of the lowest flow. Mr. Purhonen queried the influence of drought on this value and suggested that data from drought periods should be removed from the calculation of the average. Mr. Ginnivan (Australia) commented that in Australia, river flow pulses were also considered important, so the ecological flow rate is not a single value but differs between seasons. Mr. Ginnivan asked who owns the ecological flow volume in Europe and Mr. Purhonen responded that it was different for different countries. He elaborated that in Finland, for example, water utilization is based on a permit system which is supervised by the Minister of the Environment.

7. Mr. Ginnivan gave a presentation on water management in the Murray-Darling Basin of south-east Australia, including water trading policies, salinity management and methods used to secure water for the environment from current users. Mr. Purhonen commended the water trading policy and indicated that other countries could learn from Australian experiences in the Basin.

WG-ENV Minutes 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)

8. Vice-chair gave a brief overview of the draft document prepared by the Chair, Vice-chair and Secretary, titled 'The potential contribution of Life Cycle Assessment (LCA) to analyzing the environmental impacts and the sustainability of irrigation and drainage systems'.

9. Secretary then gave a presentation on an LCA case study done for sugarcane production in South Africa to give members of the group a better understanding of the approach who are not familiar with LCA.

10. Mr. Purhonen commented that weighting of the final impact factors was very important, and this is prone to being very subjective. Mr. Purhonen also commented that improved management often comes at a cost, for example increasing the number of variables that are measured in the field, and this also needs to be taken into account.

11. Prof de Fraiture (The Netherlands) queried whether this approach can be used at larger scales. Vice-chair indicated that it was certainly possible, but had to be done in a more simplistic way.

WG-ENV Minutes Item 5: Irrigation and Drainage for the environmental sustainability (Sub-theme 3.3 of WIF1)

12. It was noted that a number of potentially relevant papers were presented for Sub-theme 3, for example, paper on greenhouse gas emissions, and Vice-chair and Secretary would peruse the written papers and relevant material that could be included in the working group's outputs.

WG-ENV Minutes Item 6: Three-year work plan

13. Mr. Ginnivan commented that considering the broad mandate of the working group, the group could benefit by focusing on an aspect that is common in the group and where the group can contribute significantly. Vice-chair agreed and suggested that the broad over-view brought by different members of the group until now has enabled it to better focus in on key areas. Mr. Ginnivan further suggested that partners could be sought to assist with the work, for example supermarket chains that want to sell products that they can prove to have been irrigated/grown in a more sustainable way.

14. For the envisaged LCA document, Mr. Ginnivan recommended writing up the conclusions in a way that aligns with the mandates of the working group. Mr. Purhonen suggested including a list of additional aspects that still need to be considered when using an LCA approach. Secretary indicated that the group also needed to be clear on who exactly is target audience of this document. Vice-chair indicated that a draft version of the document would be circulated for contributions and/or comments from the group (both members and observers). Secretary commented that by the end of 2014, he would be able to contribute an additional LCA study, to be conducted in the Gauteng Province, South Africa.

15. Regarding the irrigation return flows and ecological flows were concerned, Secretary indicated that it could be useful to assess how transferable the EU guidelines will be to developing countries; and suggested a review of the approaches used in different countries represented by members of WG-ENV to estimate ecological flows. For this objective, Secretary will circulate a short questionnaire on this subject for completion by members and observers in different countries. Dr Venot reminded the group that there is much published literature on this subject. Secretary indicated that this was supposed to be more of a practitioner's indication on how this flow volume is pragmatically being calculated at ground level. Mr. Ginnivan indicated that ultimately some institution would eventually be held accountable to assess the ecological benefits of this flow, and posed the open question

of what types of measurements (and at what intensity) is required to quantify these benefits? Mr. Ginnivan suggested that the questionnaire may include a request for information on what type of monitoring is or will be taking place to judge the ecological benefits. Mr. Ginnivan indicated his willingness to pass on documents on the Murray Darling Basin experiences to interested WG-ENV members.

16. Prof de Fraiture reminded the group that it is important not to stray from the working group's mandate of focusing on irrigation and drainage, and that the linkage between irrigation and rivers needs to come through strongly.

17. Vice-chair indicated that for the working group to end its activities in 2014 is too soon, and would motivate for an extended mandate until 2015 during the report-back session. This would provide ample time for the working group to produce two publications in 2014 and host a workshop on these subjects in 2015

WG-ENV Minutes Item 6.1: Website of WG-ENV

18. Vice-chair indicated that the website is fully functional and members were strongly encouraged to make use of it to disseminate information and facilitate communication.

WG-ENV Minutes Item 7: Any other business

19. Dr Venot and Prof de Fraiture indicated that it would be good for the group to also report on the positive impacts of irrigation, for example, in groundwater recharge, flood water retention and paddy field multi-functionality. Following strong agreement from the group, Prof de Fraiture offered to lead this initiative.

The meeting ended with thanks to Chair.

