

Agenda of the Sixty-Second Meeting of the
International Executive Council (IEC)

Tehran, Iran

First Session: 22 October 2011: 09.00 to 12.30 hours

Second Session: 22 October 2011: 13.30 to 17.00 hours

Item 0 : Condolences

It is with deep regrets and sorrow that we report the passing away of one of our able colleague, **Captain Sunthorn Ruanglek**, Vice President, ICID during the years 1983-1986 representing Thailand in January 2011. Captain Ruanglek was elected as Vice President in the 34th International Executive Council (IEC) in Melbourne, Australia on 1 October 1983 and held this distinguished position for three years contributing immensely to various workbodies. ICID fraternity recalls that Captain Ruanglek rose to the highest position of the Director General of Royal Irrigation Department in the Ministry of Agriculture, Thailand and had been responsible for several impressive projects that were under construction in Thai basins. He also had been advising Prime Minister of his country till 1985 and later, held the distinguished position of Senator in the Thai Assembly. Till end, his contributions as consultant had enriched the irrigation community. We in the International Commission on Irrigation and Drainage (ICID) deeply mourn the passing away of Vice President Honoraire Sunthorn Ruanglek and wish to convey our deepest sympathies to the bereaved family.

We also place on record the sad demise of **Dr. C.C. Patel** on 4 February 2011 at his residence in Gandhinagar, Gujarat State of India. Dr. Patel was elected as Vice President in the 27th International Executive Council meeting held at Banff, Canada in 1976 for a period of three years (1976-79).

Dr. Patel was known for his pioneering work in water management in India. His contributions spread across all aspects like the planning, design, construction and operation river valley projects by the coordinated use of ground and surface water. Dr. C.C. Patel was a former Secretary to Government of India in the then, Ministry of Irrigation for over 5 years and had been associated with some of the Tribunal Awards on shared waters. He has also been associated with the water policy, water law, water administration and water management taking into account pollution, ecological and environmental aspects. He had worked as a member of the several 'Experts Committee of the Government of India' and Task Forces, besides a stint in the World Bank. He joined United Nations as Senior Adviser on Water Resources for 5 years and was the Chairman and Managing Director of Sardar Sarovar Narmada Nigam Ltd., a mega river valley project in India.

May their souls rest in eternal peace!

CONDOLENCE RESOLUTION

"The 62nd Meeting of the International Executive Council (IEC) deeply mourns the profound loss suffered by the Commission in the passing away of Vice President Hon. Captain Sunthorn Ruanglek and Vice President Hon. Dr. C.C. Patel. The Council resolves that the condolences of the Commission be conveyed to the bereaved families of late VPH Ruanglek and late VPH Patel, as well as to the National Committees of Thailand and India."

Opening Remarks by President

Item 1 : Opening Remarks by President, ICID

President Chandra Madramootoo will make opening remarks about the events during the past one year since the 61st IEC meeting in Yogyakarta.

Matters for Decision

Item 2 : Application of Countries for ICID Membership

No new applications have been received during the year in Central Office.

However, the Secretary General received an application of withdrawal of membership from the Chilean National Committee (CHICID) which is placed in **Annex**. The matter was taken up with President.

IEC may consider and advise.

Item 3 : Venues for Future Conferences

In response to the Central Office circular No.CM1/2011/210-270 dated 3 March 2011, inviting the National Committees (NCs) to submit their proposals for hosting specified future meetings of ICID, the following offers were received:

- **66th IEC Meeting, 2015**

Two offers are available— One from THAICID and subsequently, another from AFEID.

Thai National Committee (THAICID) has shown interest to host the 66th IEC Meeting and *9th Asian Regional Conference* in October / December 2015 at Chiang Mai in an e-mail dated 31 March 2011; they have submitted necessary proforma, duly filled-in, for hosting the event.

AFEID vide its e-mail dated 22 July 2011 along with the proforma had also expressed their willingness to organize the 66th IEC Meeting along with European Regional Conference in Montpellier, in September 2015.

- **9th Asian Regional Conference**

THAICID is willing to host this event along with 66th IEC Meeting in October / December 2015. It may be recalled that during the 60th and 61st IEC meeting in New Delhi as well as Yogyakarta THAICID expressed its desire to host the 64th IEC and 8th Asian Regional Conference in 2013, but lost during the vote and Turkey bagged the 64th IEC and 8th Asian Regional Conference.

- **4th African Regional Conference**

Open for offers from NCs of the region.

- **5th American Regional Conference**

Open for offers from NCs of the region.

- **26th European Regional Conference**

Open for offers from NCs of the region.

It may be noted that the venues for future IEC meetings, Congresses and Regional Conferences have already been approved by the Council up to 2014, as per below:

- 3rd African Regional Conference, Bamako, 29 November to 5 December 2011
 - 63rd IEC and 7th Asian Regional Conference, Adelaide, Australia, June 2012
 - 11th International Drainage Workshop, Cairo, Egypt, 23-27 September 2012
 - 64th IEC and 8th Asian Regional Conference, Mardin, Turkey, October 2013
 - 12th International Drainage Workshop, St. Petersburg, Russia, June 2014
 - 65th IEC and 22nd Congress on Irrigation and Drainage, Seoul, Korea, 2014.
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Representatives of the listed NCs attending the Council meeting will apprise the Council on details of their offers, including the dates when the events could be held.

THAICID / AFEID offering to host the events in 2015 are also invited to make a presentation during the IEC meeting regarding their offer and mention how the NC will contribute to ICID's technical and financial resources through these events, in accordance with existing practices which shall govern in respect of payments to ICID from annual events / regional conferences.

Item 4 : Broadbasing of ICID Membership – Suggestions of the Committee

To look into different points emerged during consideration during the IEC on the subject; Management Board (MB) constituted a Review Committee on 9 February 2011 and circulated the following documents to the Committee members

- The broadbasing proposals circulated during the 61st IEC meeting.
- The minutes of Item 4 "Broadbasing of ICID Membership" reflecting the outcome of discussions in IEC

The Committee comprises of:

(1)	VPH Felix B. Reinders (South Africa)	-	Chair
(2)	VPH Larry D. Stephens (USA)	-	Member
(3)	VPH Prof. Dr. Mohd. Amer (Egypt)	-	Member
(4)	VP Dr. Willem F. Vlotman (Australia)	-	Member
(5)	Ing. Helvecio Mattana Saturnino (Brazil)	-	Member
(6)	VPH Dr. Saeed Nairizi (Iran) Chair, PFC	-	Member
(7)	Secretary General	-	Member-Secretary.

Chairman of the Committee may kindly provide an update on the progress made by the committee to IEC.

Item 5 : Assessment of progress – New approach to invigorate the International Technology Research in Irrigation and Drainage (earlier IPTRID)

As highlighted in the Opening Remarks by President, ICID in the 61st IEC meeting at Yogyakarta the earlier form of donor driven IPTRID with its base in FAO had to cease with non availability of donor support and hence a new direction was proposed and discussed in IEC.

In tune with the spirit of this new approach, a Memorandum of Understanding was signed with Iran in IEC 2009 at New Delhi and two more MoUs viz., (i) with China (CNCID), and (ii) with AFEID were signed during the 61 IEC in 2010. It would be pleasurable point to note that all the commitments made in this direction during the past IECs stand accomplished.

In light of the MoU that CNCID (with the support of their Ministry of Water Resources) signed with ICID, an International Workshop in Beijing on "*Water Saving*" took place during 11-14 July 2011. This was a highly successful event that brought together many National Committees' nominees for discussions on agricultural water savings, highlighting individual country experiences presented by the nominees. CNCID sponsored the international travel and stay of the participants etc. who were in need of such support and fulfilled their commitment as per the signed MoU to this effect. And this goes on record as the maiden effort following the engagement of National Committees in ICID in their renewed efforts on "Intensification of Irrigation and Drainage Research to achieve Global Food Security" as enshrined in the discussion document floated during the last IEC in Yogyakarta. An emphasis on the issues related to water saving in irrigation was welcome first step. FAO joined the ICID-CNCID during this event; participants included experts gathered from 12 countries, covering over 60% of total world irrigated.

On this occasion an impressive launching ceremony of an International Centre for Training and Research in Irrigation and Drainage in Beijing at the hands of President Chandra Madramootoo was held on 12 July 2011. This marked the birth of the first nodal Centre for IPTRID with the great support of the Government of China in the Ministry of Water Resources. In a high level meeting held between ICID President and H.E. Dr. Chen Li, the Hon'ble Minister for Water Resources declared its strong commitment in supporting the ICID and in promoting its mission across the globe.

Moving further, IRNCID is to launch a nodal centre in Teheran for Central Asia and Middle East. The Rules of Procedure will be firmed up in the 62nd IEC meeting in Tehran, October 2011. The Ministry of Energy, through IRNCID has proposed to appoint a special team headed by Dr. Mohammad Javad Monem to facilitate the Centre in Iran.

Fulfilling the obligations of the MoU signed by AFEID, RAID-ARID and ICID in Yogyakarta in October 2010, the French National Committee sponsored a few African delegates for the 24th European Regional Conference held during March 2011 in Orleans. This facilitated knowledge sharing on various aspects of groundwater usage in agriculture benefitting researchers, basin managers of irrigation schemes and users.

IEC might wish to note the successful accomplishment of the commitments made during the last IEC by different National Committees endorsing the approach to intensify the Technology Research following a demand driven, self possessed approach, twinning ICID National Committees' common interest in R&D.

Item 6 : ICID Preparation for Inputs to WWF-6, Marseille, France, 2012

The Food and Agricultural Organization of the United Nations (FAO) and the International Commission on Irrigation and Drainage (ICID) are jointly coordinating the preparation of the key priority 2.2 "**Contribute to food security by optimal use of water**" for the **6th World Water Forum**, to be held in Marseille in March 2012.

For the 6th Forum, twelve **Thematic Priorities** are addressed. Under each priority, series of **targets** translate the identified issues into concrete and achievable objectives at all levels. For each target, **workable solutions** will be proposed at the Forum.

ICID established a Task Force '*To Guide Inputs to World Water Forum 6 (TF-WWW6)*' and its maiden meeting took place last year in Yogyakarta when a map was carved out on its approach and action plan.

The preparation process has already begun and it aims to be as inclusive as possible. The Forum Committee so far, has organized two formal consultations (Marseille, June 2010 and Paris, January 2011), in order to screen likely recommendations, eventual targets and workable solutions. Each of the two consultations had about 400 participants, representing different stakeholders, including ICID, from various countries and regions of the world.

The 2nd Stakeholder Consultation Meeting was held on 17 and 18 January 2011 in Paris where the Core Groups stand formed on each one of the 12 key priority issues. WWF6 invited ICID to be one of the members of the Nucleus Core Group on "*Contribute to food security by optimal use of water*". ICID nominated President Hon. Dr. Bart Schultz and was accepted as Coordinator by the Thematic Process Commission / 6th Forum Secretariat.

Under the key priority 2.2, there are 9 targets, out of which ICID is TSG Coordinator in two targets (3 and 5) and contributing in other targets through AFEID, which are as follows:

- Target 3: Increase sustainable productivity and lower costs of water management (yield per ha, per m³ of water and per \$\$ of production cost) in such a way that by year 20yy there is food security at affordable prices for all (Jacques Plantey and PH Dr. Bart Schultz)
- Target 5: By year 20yy increase by xx% the capacity of water storages in support of irrigated agriculture (either supplementary, deficit, or full irrigation) - within the framework of an environmentally sufficient and socially sound management (President Dr. Chandra A. Madramootoo, and ICOLD President Prof. Jinsheng Jia)

Other significant efforts to provide inputs to the forum shall emerge from workbodies and National Committees.

WG Climate had envisaged to work on appropriate inputs to the topic on "*Water and Food Security: Call for Solutions*" and VPH Dr. Mark Svendsen has informed his Committee during Yogyakarta meetings that he will also participate in a workshop on the subject during World Water Week.

Similarly ASRWG through its Task Force on Climate Change intends to collect and collate the adaptation measures to tackle with climate change based on a survey country-wise in Asia. This will be provided to the Forum in Marseille following the regional approach. IAL has also come forward to support all the above by coordinated efforts on the topic of interest for WWF6.

As UN-Water partners, ICID has an invitation for several preparatory meetings connected with World Water Council, World Water Forum and Global Water Partnership etc. UN-Water Seminar on the theme "Water and Food Security", which will also be the World Water Day 2012 theme and UN-Water Task Force on WUE, which will focus on water accounting terminology and definitions were held during WWW 2011. The TF-WUE is a part of the UN-Water Decade Programme on Capacity Development on its efforts to water efficiency initiative and enhancing water productivity. ICID nominated Secretary General Gopalakrishnan to participate in various meetings held at Stockholm.

The Chairman, TF-WWF6/ Secretary General Will provide feedback to the Council.

Item 7 : New Secretary General

As was informed to the Council during 61st IEC in Yogyakarta, the Search Committee constituted for the purpose of finding a new Secretary General undertook its task soon thereafter. The Search Committee convened its meetings in New Delhi between 22 and 26 January 2011 when the shortlisted candidates were invited for discussions with the Committee. The Committee's recommendation was duly considered by President who had virtual discussions with the nominee. The nominee was served with a letter of appointment as Secretary General (Designate) by President on 20 April 2011.

An official announcement of the selection of A.C. Tyagi, Director at the World Meteorological Organization (WMO) located at Geneva for the position of Secretary General (Designate) was made by the President Madramootoo in August 2011. Tyagi has been invited to attend the IEC meeting at Tehran.

President may like to introduce Tyagi and apprise the Council on the succession plan.

Reports for Approval

Item 8 : Secretary General's Report

8.1 61st IEC and 6th Asian Regional Conference

The 61st IEC and 6th Asian Regional Conference of ICID were held in Yogyakarta, Indonesia from 10-16 October 2010. The theme of the 6th Asian Regional Conference was "*Improvement of Irrigation and Drainage Efficiency under the Small Land Holding Condition*". More than 500 professionals from 35 countries and international organizations gathered at the history and scenic city of Yogyakarta and participated in various events. During this period, the meetings of all the ICID workbodies were held. Three full-day Seminars and three Special Sessions and a technical exhibition were held. The minutes of the 61st IEC meeting were posted on the ICID website on 31 December 2010 for wider circulation and the printed copies were dispatched to the NCs and all concerned on 20 January 2011.

8.2 Annual Report, ICID Journal and Other Publications

The Annual Report for the year (April 2010 to March 2011) has been compiled and placed on the ICID website on 25 August 2011. The printed copies were dispatched to all the NCs and Office Bearers in the first week of September 2011. All the NCs are urged to contribute to the Annual Report by providing a brief of their activities, key events held, publications brought out and updates on irrigation and drainage related data in their countries.

Five issues (Vol. 59) of the ICID Journal were printed through M/s Wiley-Blackwell as per the current agreement for journal publication. These were directly mailed by publishers to the NCs, Office Bearers and Workbody members based on the details supplied by the Central Office.

All issues of "*ICID News*" and "*News Update*" were mailed and posted on the website on time.

8.3 Active Members of ICID

The ICID Network as of now is spread over 110 countries comprising 28 NCs in Africa, 18 in Americas, 35 in Asia and Oceania, and 29 in Europe. At the end of August 2010, there are 59 active NCs compared to 65 in the year 2009-10. In Africa, out of 28 countries, there are 6 active NCs, 17 deemed to be inactive and 5 admitted but not paid subscription to commence their membership. In Americas, out of 18 countries, 6 are active, 9 are deemed to be inactive, 1 admitted but not paid subscription and 2 countries (Chile and Cuba) withdrew on its own. Revival of Cuba's membership is being pursued. In Asia and Oceania, out of 35 NCs there are 24 active, 6 inactive, 4 were admitted but have not paid subscription and 1 country (New Zealand) withdrew on its own. In Europe, out of 29 countries, 23 are active, 5 are deemed to be inactive and 1 (Denmark) withdrew on its own. Office Bearers during their visit to some of the inactive NCs / countries have been making efforts in respect of such NCs for their reactivation.

The Embassy of Chile in New Delhi vide its letter of 18 May 2011 has informed to the Central Office about the decision of the Govt. of Chile to withdraw its membership from ICID effective from 31 May 2011.

Vide e-mail dated 2 August 2011 from Prof. Dr. G.A. Karantounias, General Secretary of Greek National Committee has expressed the NC's inability to pay the subscription for the year 2011 due to financial crisis in the Country. However, Prof. Karantounias has informed that they are organizing an International Training Seminar Course on Remote Sensing in November 2011 in Greece to tide over the financial crisis.

8.4 Workbodies

Presently there are 3 Permanent Committees, 2 Committees, 18 Working Groups / Work Teams, 4 Regional Working Groups and 4 Task Forces, besides 3 administrative bodies, namely, Management Board (MB), Office-Bearers Committee (OBC), and Staff Committee (SC) that carry out the activities of the Commission. To assist MB on Journal-related issues, there is also a separate Management Team for ICID Journal (MT-Journal). A total of 280 nominated representatives of NCs contribute their expertise on 382 membership slots on the workbodies.

8.5 Visits of Secretary General and Meetings in India

During his visits to countries for conferences / meetings on invitation with necessary financial support from them, Secretary General took the opportunity of visiting the National Committees and their members to have a firsthand appraisal of their activities and to encourage them and with other members of international organizations to foster closer relations of ICID with them.

The events attended by SG during the year are listed below:

- **3rd McGill Conference on Global Food Security, Montreal, Canada, 19-22 October 2010**

On invitation from the Organisers of the McGill Conference series on "*Global Food Security*", in Montreal, Canada, this was attended alongwith other office bearers of ICID with an invitation. PH Dr. Bart Shultz and VPH Gao Zhanyi and SG Gopalakrishnan were the invitees and the topic on '*Water Management Scenarios*' in India was assigned to SG Gopalakrishnan. President Dr. Madramootoo's role in organising this global initiative of McGill's Faculty of Agricultural and Environmental Sciences, to raise the awareness about the scope of the challenges to food security worldwide, and advancing research in all related areas linked to food security stood appreciated and ICID's visibility too got enhanced. The proceedings were later published compiling all contributions with the title "Water Management for Global Food Security".

- **International Conference on "Trans-boundary Environmental Problems of Central Asia: Application of International Legal Mechanism for their Solution", Tashkent, Uzbekistan, 16-17 November 2010**

An invitation to ICID Secretary General from the 'Ecological Movement of Uzbekistan' with the backup of the Government Uzbekistan who is in ICID membership fold to participate in the International Conference on "*Trans-boundary Environmental Problems of Central Asia: Application of International Legal Mechanism for their Solution*" at Tashkent on 16-17 November 2010 was duly respected and I participated. The Conference provided an opportunity to discuss issues of water resources management in trans-boundary rivers, as well as the environmental risks associated with the construction of hydropower stations in the rivers Amu-Darya and Syr-Darya, a trans-boundary impact of industrial emissions on the environment and population health in the region, elaboration of common position and Conference Resolution. I delivered an inaugural speech for the Conference as

envisaged by the Organisers. Important dignitaries of Uzbekistan like His Excellency Bory Alikhanov, Vice-Speaker of the Legislative Chamber of Oliy Majlis (Parliament), Sh. Khamraev, Deputy Minister of Agriculture and Water Resources and Ms. G. Saidova, First Deputy Minister of the Republic of Uzbekistan and ICID VPH Prof. Dukhovny and VPH Prof. Kovalenko were other invited key participants.

- **FAO Regional Workshop on “Analysis of Sustainable Water Resource Use”, Bangkok, Thailand, 20-23 December 2010**

Secretary General attended the FAO’s Regional Workshop on the “*Analysis of Sustainable Water Resource Use*” in the Asia Pacific region during the month of December in Bangkok, Thailand on invitation from FAO. It facilitated a meeting with THAICID members. Director General at Royal Irrigation Department of Thailand had also a meeting arranged in his office.

THAICID and ASRWG were also represented in the FAO’s Regional Workshop respectively through ICID Vice President Chaiwat Prechawit (*Thailand*) and Dr. Tai-Cheol Kim (*Vice Chair of ASRWG*). SG Gopalakrishnan presented ICID and its recent contributions to WWF5 coordinating a consortium of over 56 global water organisations.

The workshop aimed to identify collectively various issues relating to Sustainable Water Use. It came out that there were more preferences on knowledge pooling by improved information flows and creation of the ‘*Centres of Excellence*’ and ‘*Knowledge Networks and Partnerships*’.

- **GWP-IWMI Regional Workshop on “Climate Change, Food and Water Security”, Colombo, Sri Lanka, 24-25 February 2011**

Secretary General Gopalakrishnan represented ICID at the GWP-IWMI Regional Workshop on “Climate Change, Food and Water Security” held at Colombo, Sri Lanka from 24-25 February 2011 on an invitation from Chair of GWP South Asia. The critical issues for the meet related to climate change, water and food security for South Asia. The GWP / IWMI sessions were guided by the Chair, GWP Technical Committee, VPH Dr. Mohamed Ait Kadi. The sessions concluded with a media message that “No more ‘Business as Usual’ in face of Climate Change and Food Security”.

- **International Conference “Towards the 6th World Water Forum – Cooperative Actions for Water Security”, Tashkent, Uzbekistan, 12-13 May 2011**

SG Gopalakrishnan represented ICID for an invitation to join the International Conference organised by the Government of Uzbekistan in Tashkent on 12 and 13 May 2011 aimed at considering an appropriate regional agenda for the 6th World Water Forum in March 2012 in Marseille, France. “Cooperative Actions for Water Security” was the theme of the event. The participation was rich and included several global organisations including UN and UN Water members and partners. The thematic scope of the 6th World Water Forum guided the issues discussed. Vice Presidents Hon. Victor Dukhovny and Peter Kovalenko also joined the inaugural and plenary / round tables and spoke.

All travel expenses including round trip air-ticket, accommodation were covered by the inviting party in all the above cases for Secretary General.

- **79th ICOLD Annual Council Meetings, Lucerne, Switzerland, 31 May – 03 June 2011**

Secretary General Gopalakrishnan attended the 79th International Commission on Large Dams (ICOLD) Council meetings in Lucerne, Switzerland from 29 May to 03 June 2011 on an invitation from President ICID and the organizers in Switzerland National Committee of ICOLD. Secretary General held discussions with ICOLD President Prof. Jinsheng Jia on areas of cooperation between the two organizations. ICID President Dr. Chandra Madramootoo would co-Chair a Session to be chaired by ICOLD President on ‘Storage’ under Key Priority 2.2 for the forthcoming 6th World Water Forum in Marseille in March 2012.

ICOLD is one of the members of International Water-related Associations’ Liaison Committee (IWALC) and ICID Central Office is the Secretariat of IWALC. It may be recalled that ICOLD, IHA and ICID defended storage dams soon after the World Commission on Dam’s Report on the subject released in 2000, jointly SG also took this opportunity to hold cooperative actions of ICOLD and ICID for the forum topic (WWF6) on Storage, to be handled by ICID President Dr. Madramootoo and ICOLD President Prof. Jin Jisheng, jointly.

- **ICID Workshop on “Water Saving Irrigation and Food Security”, Beijing, China, 11-14 July 2011**

On an invitation from the Chinese National Committee of ICID and Ministry of Water Resources, People's Republic of China, Secretary General attended an International Workshop on “Water Saving Irrigation and Food Security” jointly organized by CNCID and MoWR of China. An impressive launching ceremony of an International Centre for Training and Research in Irrigation and Drainage in Beijing in the hands of ICID President Chandra Madramootoo took place on 12 July 2011 marking the birth of the first nodal Centre for IPTRID, thanks to the great support of the Government of China in the Ministry of Water Resources.

- **World Water Week Meetings in Stockholm, Sweden, 21-27 July 2011**

SG Gopalakrishnan represented ICID in several important meetings scheduled during World Water Week in Stockholm, viz. (i) UN-Water meetings (*ICID is a UN-Water Partner*) (ii) FAO coordinated meeting of the Working Group on WUE/WP, (iii) Inputs for the WWF6 – particularly on the ‘Thematic Priority Area, Contribute to Food Security by Efficient Use of Water’ and GWP Consulting Partners Meeting 2011. A mini IWALC meeting was possible. The WWC pre forum 6 meetings of the sub thematic groups were SG also attended. The AFEID Seminar on “Which Water Quality for Which Use? – A Regulator’s and Practitioner’s Perspective” which was chaired and conducted by François Brelle, Chair, AFEID was also participated. SG contributed as a Panelist in the UNW and FAO Special Session on “Water and Food Security: Call for Solutions” , GWP Panel as Partnering Needs of Global Organisation for Food Security as well as a special session on 'Review of efficiency terminology for a global common standard evaluation' in which ICID was invited to join the panel.

Meetings in India

1. Secretary General chaired the Special Session on Irrigation in India and Spain held on 04 November 2010 at India International Centre in New Delhi facilitated by ICID, in association with INCID. It was a very fruitful interaction between the visiting team of Spanish delegates of FENACORE led by Dr. Andrés del Campo García and a few in India/ INCID explored mutually, the ways of participatory irrigation in each other's country and the differences and commonalities. Central Office professionals also attended the event.
 2. Secretary General participated and spoke at the India-EU Workshop on “Water Technology Research and Innovation Collaboration” held at Bangalore on 09-10 November 2010, on a special invitation from organizers.
 3. Secretary General was invited to be the keynote speaker at a 5-days lecture series organized by the Centre for Environmental Protection, Research and Development (CEPRD) from 08-12 January 2011 at Indore, Madhya Pradesh.
 4. Secretary General was invited to contribute a keynote paper at the International Conference on Underground Space Technology (ICUST) held at Bangalore in January 2011. Secretary General respected the request.
 5. Secretary General participated and contributed at the IUCN 4th Stakeholder Consultation held at New Delhi, India on 21 January 2011 on invitation to join as member of the Regional Advisory Committee.
 6. On invitation from Media, Secretary General presented a paper on the topic “Water Resources in India: Issues and Challenges” at the H2O World 2011 Annual International Conference organized by EPC World Media Group on 11 March 2011 at New Delhi.
 7. Secretary General represented ICID and delivered a keynote address on “Innovative Approaches in Water Management” held on 22 March 2011 at Ahmedabad, Gujarat organized by the Central Board of Irrigation and Power and the State Government of Gujarat.
 8. Secretary General honoured an invitation from the Industry, the Federation of Indian Chamber of Commerce & Industry's (FICCI) to join their Steering Committee Meeting on “Water Mission” held on 24 March and again on 20 July 2011.
 9. Secretary General attended together with President, ICID the 27th Meeting of INCID as a special invitee ; President ICID spoke before the 68th NDC-WWC Brainstorming Session held on 25 March 2011 at New Delhi, India . SG Gopalakrishnan, also President, NDC WWC chaired.
 10. Secretary General participated and contributed at a Seminar on “Roller Compacted Concrete Dams” organized by Central Board of Irrigation and Power (CBIP) at Nashik, Maharashtra State from 13-15 April 2011.
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11. Secretary General attended the Workshop on “Drilling and Blasting for Surface and Underground Structure” organized by CBIP at New Delhi, India on 11 August 2011.

8.6 Visits of Office-Bearers and other important personalities to Central Office

- Prof. Jorge Zornberg, President, International Geosynthetics Society (IGS), Fumio Tatsuoka, Immediate Past President of IGS, and other delegates from UK and USA visited the Central Office on 11 November 2010.
- Prof. Asit K. Biswas, President, Third World Centre for Water Management visited Central Office on 15 December 2010. Vice President A.K. Bajaj, Chairman, INCID was invited to join the meet.
- H.E. Aghatam AG Alhassane, Minister of Agriculture and Aliou Bamba, Technical Advisor of the Ministry of Agriculture, Republic of Mali visited New Delhi in December 2010. Bamba, visited the Central Office on 16 December 2010.
- PH Ir. Keizrul bin Abdullah, VPH Larry D. Stephens, VPH Dr. S. Nairizi and VP Dr. Willem Vlotman visited the Central Office during the period 19-23 January 2011. A meeting of the Selection Committee for searching new SG and interaction with a shortlisted group took place in Central Office.
- Prof. N. Hachó and Dr. Kenji Yoshinaga from Japanese National Committee visited the Central Office on 25 January 2011.
- President Prof. Dr. Chandra Madramootoo visited the Central Office on 25-26 March 2011 and interacted with Central Office staff.
- A Malaysian National Committee delegation led by VPH Ir. Mohd. Azhari bin Ghazalli visited the Central Office on 22 July 2011.
- Dr. Kenji visited on 2 September with students from Toyo University.

8.7 ICID Website and Text Delivery Service (TDS)

ICID Website indicates a steady growth in number of visitors. This is a clear indication that more and more people are consulting ICID.ORG very frequently which is very encouraging. Recently introduced web design was widely appreciated and this format is capable of attracting more visitors and can cater better search results through Google search engine. Our main keywords ‘Irrigation and Drainage’ are already shown on the 1st page of the search results. One more facility has been introduced through the Google i.e. simultaneous translation of website information in nearly 52 foreign languages. Right now this function is available only on ‘Home’ and ‘About ICID’ sections.

At the Yogyakarta meeting of the C-PR&P (19th meeting) a review of the website was conducted and the Committee made several suggestions. Most of the suggestions have been effected to make the website user friendly. Central Office also introduced a digital publication of Annual Report 2010-11 with page flip technology to feel like book reading and the same is available online for feedback.

Efforts are continuing to enrich the database available on the Text Delivery Service (TDS). Under the ‘Articles Section’, presently (up to 31 August 2011) 900 entries have been compiled, while under the Books Section 300 entries are available. During the year 1 April 2010 to 31 August 2011, a total of 1200 articles have been included on the TDS database from ICID and other publications. All the NCs might wish to widely publicize this useful, free of cost service for the professionals to take maximum advantage.

Advertisements were also sought from International Organizations, Equipment Manufacturers, Institutions, etc. for website insertions as well as in the ICID News. National Committees are requested to use their good offices to encourage companies in their countries to publicize their advertisements ICID website/ ICID News.

8.8 French Unit

Central Office French Unit continued to perform its usual tasks like the preparation of the Agenda, Minutes, abstract translation of ICID Congress, Annual Report, ICID News, News Update, correspondence with French speaking countries as well as with French speaking members of various Working Groups and Committees.

Due to various constraints and stringent austerity measures, the vacancy occurred on retirement of Senior French Translator was not filled. The present incumbent is single-handedly doing the translation work.

8.9 Webpages of Workbodies

The Central Office has registered a domain name 'www.icidonline.org' through which the WBs could directly access their respective webpages. So far 22 Workbodies (WBs) have established individual webpages for projecting their activities through the ICID website.

8.10 Central Office Technical Library

During the year 1 April 2010 – 31 August 2011, the Central Office Library recorded 297 accessions, thus bringing up the number of acquisitions to a total of 3,836 as on 31 August 2011. Information (abstracts) about all these books/publications is placed on Text Delivery Service (TDS).

8.11 ICID Publications and Sales

During the 61st IEC in Yogyakarta, there was a good sale of ICID publications. Notwithstanding, a large number of copies of unsold publications are still lying in the Central Office, including a few of the transactions of past congresses. Some of the literatures in French, which can be of value for the Francophone countries, are also available for being spared on request or demand. Suggestions for improvement of the sale of publications are solicited from time to time from all ICID members.

Thanks to the significant efforts of the WG-SDTA. The handbook titled "Towards Sustainable Development of Tidal Areas: Some Principles and Experiences" will be getting released in Tehran during Congress. This will be unique publications of its kind as ICID addresses the issues concerning tidal area development for the first time in a comprehensive manner through this work.

IEC might wish to record its special appreciation to the great efforts of all those who were behind this laudable ICID publication.

8.12 Exchange of Information

Copies of Newsletters were received from NCs of Germany, Korea, United Kingdom, and USA. Other NCs are urged to send their Newsletters/ periodicals to the Central Office.

It has also been observed that though the e-mail and postal addresses of some of the members change, such information is not passed on to the ICID Central Office in time with the result that old e-mail addresses of such members/National Committees remain posted on the ICID website. Frequently, important mails sent to those addresses may not reach. The members are therefore requested to kindly go through the ICID website and have a look at the National Committee/ Workbody membership directory to ascertain their correct e-mail addresses and inform the Central Office immediately of any change as and when it occurs.

8.13 Budget and Sponsorship

During the financial year 2010-11, the receipts and expenditure were ₹24.17 million and ₹ 24.82 million, respectively, showing a deficit of ₹0.65 million against the approved budget surplus of ₹ 8.23 million and forecast surplus of ₹ 17.53 million.

The final results showing a deficit of ₹0.65 million during the financial year is in fact due to a (i) Payment of balance amount of arrears (after reduction as per the Bajaj Committee Report) to the professionals / staff with regard to 6th Pay Commission; (ii) Gratuity and leave encashment to the retiring staff; and (iii) Receipt of lesser amount of membership subscription from the NCs for the year 2010. The audited details of the accounts are included in the PFC Agenda.

8.14 WatSave Awards

WatSave Awards are being presented in 3 categories since 1998. So far, the NCs of The Netherlands (1998), China (1999), India (2000), Korea (2001), Canada (2002), Japan (2003), France (2004), Spain (2005), Malaysia (2006), USA (2007), Pakistan (2008) and India (2009) have received the honour of sponsoring the Awards. The 2010 WatSave Awards was partly sponsored by Indonesia and partly by China. The host National Committee (Iran) has kindly agreed to sponsor the 2011 Awards.

Item 9 : Report of the Management Board (MB)

The 41st meeting is scheduled to be held on 15 October 2011 from 18:00 to 20:00 hours at Iran. A summary report of the decisions / recommendations of MB since its 40th meeting will be presented to the Council by the Chair, PCSO.

Item 10 : Report of the Permanent Committee on Strategy and Organization (PCSO)

The Committee will meet on 18 October 2011 (First Session – 09:00–12.30 hours and Second Session – 13:30–17:00 hours) for its 22nd meeting at Iran. The agenda for the Committee is given at Appendix I, Page A-1.

The Chairman of the Committee will present his report for consideration and approval of the Council.

10.1 Special Committee Report on Strategy Theme

A request has been made to Dr. Sami Bouarfa to make a Theme Presentation on “*Groundwater*” under the Theme “*Basin*”.

Item 11 : Report of the Permanent Committee for Technical Activities (PCTA)

The 31st meeting of PCTA will be held on 21 October 2011 (First Session – 09:00–12:30 hours and Second Session – 13.30-17.00 hours) at Iran. The agenda for the PCTA is given at Appendix X, Page A-62.

The Chairman of PCTA will present his report for consideration and approval of the Council.

Item 12 : Report of the Permanent Finance Committee (PFC)

The 32nd meeting of PFC will be held on 16 October 2011 from 13:30-17:00 hours. The agenda for the meeting of the Committee is given at Appendix XXXI, Page A-181.

Presentations

Item 13 : Presentation of Awards / Plaques

13.1 WatSave Awards

The President in consultation with the Secretary General, constituted a Panel of Judges comprising President Hon. Peter Lee (UK) as Convenor and Ing. Helvecio Mattana Saturnino (Brazil); VP Engr. Husnain Ahmad (Pakistan); VPH Dr. José A. Ortiz Fdz.-Urrutia (Spain); VP Dr. Samia El-Guindy (Egypt) as members for evaluating the contributions received for WatSave Awards 2011.

The Convenor of the Panel of Judges, President Hon. Peter S. Lee will announce the Awards during the meeting.

13.2 Plaques to retiring President and 3 Vice Presidents / Secretary General

Citation plaques shall be presented during the IEC meeting to the retiring following President, three Vice-Presidents of ICID and Secretary General for their commendable services and guidance to the ICID activities. The President and the three retiring Vice Presidents had completed their tenure between 2008 and 2011 while the Secretary General Gopalakrishnan completed his two terms of three years and an extended term for two years serving a total of eight years between 2004 and 2011.

Prof. Dr. Chandra Madramootoo (Canada), President	2008-11
Dr. (Mrs.) Samia El-Guindy (Egypt), Vice President	2008-11
Shinsuke Ota (Japan), Vice President	2008-11

Prof. Lucio Ubertini (Italy), Vice President	2008-11
Er. M. Gopalakrishnan, Secretary General, ICID	2004-11

13.3 Plaques to retiring Chairs of Workbodies

The following Chairperson of workbody would be retiring this year and will be presented citation plaque for providing commendable guidance to the activities of the concerned workbody:

- Prof. Hector M. Malano, Vice President Hon., (Australia) (Chairman, PCTA) (2005-10)
- Engr. I.K. Musa, Vice President Hon., (Nigeria) (Chairman, ST-LCB) (2007- 11)
- Dr. Hussein El-Atfy, Vice President Hon., (Egypt) (Chairman, WG-WATS) (2000-10)

13.4 Award for the Best Paper in the ICID Journal 'Irrigation and Drainage'

The Best Paper Award for 2011 selected on the basis of the contributions to the Journal made during 2010 will be announced by the Chair, EB-JOUR, President Hon. Dr. Bart Schultz, and will be presented at the Tehran IEC. The Award will comprise books of specified value to be provided by M/s John Wiley & Sons Ltd. and a citation plaque by ICID.

13.5 Best Performing Workbody Award (BPWA)

A Special Committee under the Chairmanship of VPH Prof. Hector Malano and membership of VPH Felix B. Reinders, VPH Dr. Hafied A. Gany and Secretary General Gopalakrishnan, was constituted to evaluate the candidate workbody for the 3rd BPW Award. Based on the agreed criteria, the Committee came up with its recommendation in favour of WG (SDTA).

President may wish to present a Plaque to the Chairman, WG-SDTA.

13.6 Best Performing National Committee Award (BPNCA)

The 4th BPNC Award will be presented to the National Committee to be nominated by a Selection Committee set up with PH Aly Shady as Chair; VPH Prof. Victor A. Dukhovny; VP Prof. Lucio Ubertini; VP Dr. Samia El-Guindy as members and President and Secretary General as Resource Persons.

There were two National Committees which submitted their proposals for consideration of the Selection Committee. After due deliberations, the Selection Committee had come with its recommendations in favour of South African National Committee (SANCID). The Chair PH Aly Shady may wish to apprise the IEC.

President may wish to present the 'Rolling Trophy' (presently in the possession of IRNCID) and a Citation to SANCID.

Item 14 : N.D. Gulhati Memorial International Lecture

The Central Office has invited nominations from the National Committees/Committee for a distinguished Lecturer to deliver the '3rd N.D. Gulhati Memorial Lecture for International Cooperation in Irrigation and Drainage' at the 21st ICID Congress in October 2011. In response, only one nomination, proposing Dr. Charles Michael Burt by US Committee on Irrigation and Drainage (USCID) was received.

A 'Nomination Committee' comprising President Dr. Chandra Madramootoo (Chair), VPH Felix B. Reinders, Chair, PCTA, VPH Dr. Hafied A. Gany, Chair, PCSO and Secretary General Er. M. Gopalakrishnan considered the nomination received from the NC. Dr. Charles Michael Burt was recommended and the ICID management had endorsed him to be the Distinguished Lecturer to deliver on 19 October 2011.

Elections

Item 15 : Election of President and Three Vice Presidents

(a) Election of President

The 3-year term (2008-2011) of President Chandra Madramootoo will conclude at the end of the Tehran Congress and the adjunct study tours, as per the provision of Article 6.2.3 of the ICID Constitution.

The Central Office notified the vacancy for the position of President to ICID National Committees on 9 March 2011, 18 April 2011 and 18 May 2011. The nominations were invited from the NCs so as to reach the Central Office at least four months before the date of the Council meeting i.e. by 22 June 2011. The following nominations were received by the due date:

Sl. No.	Nominee	Country	Date of receipt in the Central Office	Nomination validity
1	Dr. Saeed Nairizi	Iran	1 May 2011	Valid
2	Dr. Gao Zhanyi	China	19 May 2011	Valid
3	Dr. Hussein El-Atfy	Egypt	16 June 2011	Valid

All the applications are valid.

(b) Election of Vice Presidents

As per Article 6.2.4 of the ICID Constitution (1996), the 3-year term of office (2008-2011) of the following three Vice Presidents will conclude at the end of the Tehran IEC and its adjunct study tours:

Dr. (Mrs.) Samia El-Guindy	Egypt	(2008-2011)
Shinsuke Ota	Japan	(2008-2011)
Prof. Lucio Ubertini	Italy	(2008-2011)

Following six Vice Presidents will continue beyond 62nd IEC:

Dr. Willem F. Vlotman	Australia	(2009-2012)
Dr. Laszlo G. Hayde	Hungary	(2009-2012)
A.K. Bajaj	India	(2009-2012)
Dr. Ragab Ragab	United Kingdom	(2010-2013)
Engr. Husnain Ahmad	Pakistan	(2010-2013)
Chaiwat Prechawit	Thailand	(2010-2013)

In response to the Central Office's circular dated 9 March 2011 and reminders dated 18 April 2011 and 18 May 2011 inviting nominations for the positions of Vice President for the term 2011-2014 the following nominations were received in the Central Office, 4 months in advance of the date of the IEC meeting, i.e. up to 22 June 2011.

Sl. No.	Nominee	Country	Date of receipt in the Central Office	Nomination validity
1	Dr. James E. Ayars	USA	25 May 2011	Valid
2	Mr. Laurie Tollefson	Canada	21 May 2011	Valid
3	Dr. Adama Sangare	Mali	31 May 2011	Valid
4	Prof. Kim, Thai Cheol	Korea	1 June 2011	Valid
5	Dr. Gerhard Backeberg	South Africa	20 June 2011	Valid

Results of the election of 3 Vice Presidents and their *inter se* seniority will be announced by the President at the end of the election process.

Regional allocation of NCs amongst the Vice Presidents for the current term 2010-11 is given below:

Sr. No.	Vice President	Proposed Allocation of Region/National Committees for 2010-11
1	Dr. Mrs. Samia El-Guindy (Egypt) 2008	<p>REGION : AFRICA AND PART ASIA</p> <p>ACTIVE: Cyprus, Egypt, Ethiopia, Mali, Morocco, Niger, Nigeria, South Africa and Zambia</p> <p>ADMITTED BUT NOT PAID SUBSCRIPTION: Burkina Faso, Cameroon, Chad, Mauritius, and Sao Tome & Principe</p> <p>DEEMED TO BE INACTIVE: Angola, Ghana, Ivory Coast, Kenya, Libya, Madagascar, Malawi, Mozambique, Senegal, Sudan, Tanzania, Uganda, and Zimbabwe</p> <p>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP: Botswana, Central African Republic, Congo, Dem. Rep. of Congo (Zaire), Gabon, Guinea, Kuwait, Mauritania, Namibia, Oman, Swaziland, Somalia, Togo and United Arab Emirates</p>
2	Shinsuke Ota (Japan) 2008	<p>REGION : ASIA & OCEANIA</p> <p>ACTIVE: China, Korea and Japan</p> <p>ADMITTED BUT NOT PAID SUBSCRIPTION: Mongolia</p> <p>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP: Democratic People's Republic of Korea, and Laos Republic</p>
3	Prof. Lucio Ubertini (Italy) 2008	<p>REGION : AMERICAS</p> <p>ACTIVE: Brazil, Canada, Chile, Guyana, Mexico, Uruguay, USA, and Italy</p> <p>DEEMED TO BE INACTIVE: Argentina, Colombia, Dom. Republic, Ecuador, Honduras, Panama, Peru, Surinam, and Venezuela</p> <p>ADMITTED BUT NOT PAID SUBSCRIPTION: Jamaica</p> <p>WITHDRAWN ON THEIR OWN: Cuba</p> <p>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP: Bolivia, Costa Rica, El-Salvador, French Guiana, Guatemala, Haiti, Nicaragua, Paraguay, Puerto Rico, and Trinidad & Tobago</p>
4	Dr. Willem F. Vlotman (Australia) 2009	<p>REGION : ASIA & OCEANIA</p> <p>ACTIVE: Fiji and Australia</p> <p>Deemed to be INACTIVE: Vietnam</p> <p>ADMITTED BUT NOT PAID SUBSCRIPTION: Yemen</p> <p>WITHDRAWN ON THEIR OWN: New Zealand</p>

Sr. No.	Vice President	Proposed Allocation of Region/National Committees for 2010-11
5	Dr. Laszlo G. Hayde (Hungary) 2009	REGION : EUROPE ACTIVE: Czech Republic, Estonia, Finland, Germany, Greece, Hungary, Lithuania, Romania, Russia, Serbia, Slovenia and Ukraine DEEMED TO BE INACTIVE: Bulgaria, Poland and Slovak Republic NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP: Armenia, Belarus, Bosnia & Herzegovina, Georgia, Latvia and Moldova
6	A.K. Bajaj (India) 2009	REGION : ASIA & OCEANIA ACTIVE: Afghanistan, Bangladesh, Chinese Taipei, Kazakhstan, Iraq, Myanmar, Nepal, Sri Lanka, India and Uzbekistan NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP: Bhutan and Maldives
7	Dr. Ragab Ragab (UK) 2010	REGION: EUROPE ACTIVE: Austria, Croatia, France, Israel, Ireland, Macedonia, Portugal, Spain, Switzerland and UK DEEMED TO BE INACTIVE: Algeria, Belgium and Tunisia WITHDRAWN ON THEIR OWN: Denmark NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP: Albania, Montenegro, Norway and Sweden
8	Engr. Husnain Ahmad (Pakistan) 2010	REGION : ASIA & OCEANIA ACTIVE: Iran, Kyrgyz Republic, Syria, Turkey, Saudi Arabia and Pakistan DEEMED TO BE INACTIVE: Jordan, Lebanon and Tajikistan ADMITTED BUT NOT PAID SUBSCRIPTION: Azerbaijan and Turkmenistan
9	Chaiwat Prachawit (Thailand) 2010	REGION : ASIA & OCEANIA ACTIVE: Malaysia, Philippines, Indonesia and Thailand NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP: Cambodia and Papua New Guinea

Any other business / Closing remarks by President

Item 16 : Any other business

Item 17 : Closing remarks by President, ICID

EMBASSY OF CHILE

Nº 42 / 2011

The Embassy of Chile presents its compliments to the International Commission on Irrigation and Drainage (ICID) and has the honor to communicate that the Government of Chile has decided to withdraw its membership from the International Commission on Irrigation and Drainage (ICID) effective from 31st of May 2011.

In this regard, the Embassy of Chile would highly appreciate that the International Commission on Irrigation and Drainage (ICID) could initiate all the internal process aimed to cancel the Chilean membership in the Organization.

Furthermore, the Embassy of Chile would like to extend its gratitude to the International Commission on Irrigation and Drainage (ICID) for the extraordinary work developed in the areas of its competence and the technical support extended to Chile during these years.

The Embassy of Chile avails itself of this opportunity to renew to the International Commission on Irrigation and Drainage (ICID) the assurances of its highest consideration.

  New Delhi, May 18th, 2011

CC: Mr. Gopalakrishnan, Secretary General

To the
The International Commission on Irrigation and Drainage (ICID)
NEW DELHI

Agenda for the Twenty-second Meeting of the
PERMANENT COMMITTEE ON STRATEGY AND ORGANIZATION (PCSO)
 Tehran, Iran
18 October 2011: 09.00-12.30 hours (Session – I)
18 October 2011: 13.30-17.00 hours (Session – II)

Year of Establishment: 1997

Members: (1) Vice President Hon. Dr. A. Hafied A. Gany, Chairman, (Indonesia, 2007); (2) Vice President Mr. Shinsuke Ota, Vice Chairman (Japan, 2008); (3) Vice President Dr. (Mrs.) Samia El-Guindy (Egypt, 2008); (4) Vice President Prof. Lucio Ubertini (Italy, 2008); (5) Vice President Dr. Willem F. Vlotman (Australia, 2009); (6) Vice President Dr. László G. Hayde (Hungary, 2009); (7) Vice President Engr. A.K. Bajaj (India, 2009); (8) Vice President Dr. Ragab Ragab (UK, 2010); (9) Vice President Engr. Husnain Ahmad (Pakistan, 2010); (10) Vice President Mr. Chaiwat Prechawit (Thailand, 2010); (11) Vice President Hon. Prof. Peter Kovalenko (Ukraine, 2007); (12) Vice President Hon. Engr. Dr. Illahi B. Shaikh (Pakistan, 2007); and (13) Er. M. Gopalakrishnan, Secretary General, ICID.

Ex-Officio Members: (1) Chairman, African Regional Working Group; (2) Chairman, European Regional Working Group; (3) Chairman, Asian Regional Working Group; (4) Chairman, American Regional Working Group; (5) Chairman, Working Group on Young Irrigation Professionals Forum; (6) Chairman, Committee on Congresses/Conferences; (7) Chairman, Working Group on Irrigation and Drainage in States under Socio-Economic Transformation; and (8) Chairman, Special Work Team on Lake Chad Basin.

Permanent Observers: (i) FAO representative; (ii) World Bank representative; (iii) GWP representative; and (iv) WWC representative.

Item 1 : Confirmation of minutes of the 21st meeting of PCSO held at Yogyakarta, Indonesia, 13 October 2010

The minutes of the 21st meeting of PCSO held in Yogyakarta on 13 October 2010 were circulated and placed on the ICID website on 03 January 2011. Since no comments were received on the minutes, it may be confirmed.

A. CONTINUING ITEMS

Item 2 : Membership of PCSO and Workbodies

2.1 In terms of By-law 3.2.2(e), VPHs Dr. Hafied A. Gany (Indonesia), Prof. Peter Kovalenko (Ukraine) and Dr. Illahi B. Shaikh (Pakistan) will retire from the membership of the Committee at the conclusion of the Tehran events on completion of their tenure. The 3 new Vice Presidents who will be elected at the 62nd IEC will join the Committee as members in their place. A new Chairperson of the Committee will be appointed.

2.2 As stipulated in By-law 3.2.2(e) 'The Chairperson of the Committee will be nominated by the President, in consultation with the Secretary General from amongst the incumbent Vice Presidents. The Chairperson shall serve the Committee during the tenure of membership of this Committee.'

The name of the new Chair, as nominated by the President, in consultation with Secretary General will be informed at the meeting.

The Committee may nominate a Secretary from amongst the members.

2.3 The membership provisions as included in **Annex 1** are being generally followed presently. This annex gives a compendium of provisions for membership, tenure of Workbodies, etc.

Chairs of the workbodies and National Committees are requested to follow these guidelines.

2.4 Recommendation of Workbodies for the position of Chairmen/ Vice Chairmen/ Secretaries

Name of Workbody	Chairs/ Vice Chairs/ Secretaries
ST-LCB	Vice President Hon. Engr. I.K. Musa, Chairman (Nigeria)

2.5 Membership nomination proposals received from Workbodies under PCSO are as follows:

African Regional Working Group (AFRWG)

New nomination

- Ing. Adriano de Vito (Italy)

Asian Regional Working Group (ASRWG)

New nominations

- Dr. Kota Tirupataiah in place of Mr. Ravinder Singh (India)
- Mr. Uttam Raj Timilsina in place of Mr. Khem Raj Sharma (Nepal)

Deferred Nominations

- Mr. Hanan Itzkovitch (Israel)
- Engr. H.M. Jayatillake (Sri Lanka)
- Dr. Tapas Kumar Biswas (Australia)

Working Group on Irrigation and Drainage in States under Social-Economic Transformation (WG-IDSST)

Deferred nomination

- Mr. Ernazarov Nazimjon (Uzbekistan) as an Observer

Special Work Team on Lake Chad Basin (ST-LCB)

Deferred nomination

- Mr. Illiassou Mossi Maiga (Niger)

Committee on Congresses/Conferences (C-CONGR)

New nominations

- Mr. Ian Atkinson (Australia) in place of Dr. Chris Bennett
- Dr. Sami Bouarfa (France)
- Mr. Syaiful Mahdi in place of VPH Dr. A. Hafied A. Gany (Indonesia)
- Dr. Jin-Hoon Jo (Korea)
- Dr. Adama Sangare (Mali)
- Mr. Bert Pijpers (The Netherlands)
- Dr. K. Yella Reddy (India)

Working Group on Young Irrigation Professionals Forum (WG-YPF)

New nominations

- Dr. Ibrahim El-Baroudy (Egypt)
 - Eng. Emad Mohamed Mahmoud Khalil (Egypt)
 - Mr. Gao Lihui in place of Ms. Jianxin Mu (China)
-

Deferred Nominations

- Ms. Kartabayeva Irina Anatolyevna (Kazakhstan)
- Mr. Nikolay Akhmatovich in place of Dr. Nariman Shamsutdinov (Russia)
- Engr. Muhammad Ejaz Tanveer in place of Engr. Qazi Tallat Mahmood Siddiqui (Pakistan)

Item 3 : New Member Countries and Membership Drive

3.1 Central Office has not received any new applications for membership of ICID so far.

The National Committees of Azerbaijan, Burkina Faso, Cameroon, Chad, Jamaica, Mauritius, Mongolia, Turkmenistan, Sao Tome & Principe and Yemen whose membership applications had been accepted by the IEC in the past were also requested to pay their first subscription to commence their membership formally. Response from them is awaited.

3.2 Various countries in different regions that were approached to join ICID membership are as follows:

Africa: Botswana, Mauritania, Namibia, Somalia, Swaziland and Togo.

Americas: Bolivia, Costa Rica, El-Salvador, Guatemala, Haiti, Nicaragua, Paraguay, Puerto Rico and Trinidad & Tobago.

Asia and Oceania: Bhutan, Cambodia, Kuwait, Lao PDR, Oman and UAE.

Europe: Armenia, Albania, Belarus, Bosnia & Herzegovina, Georgia, and Moldova.

The Central Office has provided all the desired information required for the membership to these countries. In response, Central Office has received an affirmative response from Dr. Robert Salandy, Director (Land and Water Development Division) Republic of Trinidad & Tobago for becoming a member. The annual membership subscription of Trinidad & Tobago for the year 2010 works out to be US\$ 1,355. Central Office has requested Dr. Salandy to send their formal application for membership. Response is awaited.

Any further responses and developments will be reported at the meeting.

Item 4 : Active National Committees & Reactivation of Inactive National Committees (NCs)

Annex 2 shows the updated list of ICID Network countries as on 01 August 2011. The statement below summarizes the region-wise membership status:

Region	Active	Deemed to be Inactive	Admitted but not paid subscription	Withdrawn	Total Network
Africa	06	17	05	-	28
Americas	07	09	01	01	18
Asia and Oceania	24	06	04	01	35
Europe	23	05	-	01	29
Total	60	37	10	03	110

The National Committees of Guyana, Israel, Myanmar, Nigeria, Niger, Serbia and Uruguay have not paid their membership subscriptions and are in arrears. As such, we may be obliged to consider these countries deemed inactive after 2011 in case the dues are not cleared by the end of this year. Vide letter dated 18 May 2011, the Embassy of Chile in New Delhi has informed that the Government of Chile has decided to withdraw its membership from ICID effective from 31 May 2011. They have further requested ICID to initiate all the internal process aimed to cancel the Chilean membership in the organization.

Prof. Dr. G.A. Karantounias, General Secretary, the Greek National Committee (GRCID) has informed vide their e-mail dated 02 August 2011 that the Hellenic Ministry of Food and Rural Development (ex Ministry of Agriculture) is unable to cover the subscription of the Greek National Committee on ICID due to financial crisis. As a result, the Greek National Committee (GRCID) is looking for other financial resources to cover its viability and also its annual ICID subscription. To tide over this crisis, GRCID is defining other possible sources like organizing international seminars/courses that constitute of great interest to the ICID members. Accordingly, the GRCID in cooperation with

the Agricultural University of Athens, ZOElectronic Ltd. and other national organizations is holding an international intensive seminar/course on "The Application of Satellite Remote Sensing Technologies in Management of Land Reclamation Projects and Environmental Management" and sought the participation of all interested people in Irrigation and Drainage fields worldwide which will also serve as a means to generate income for GRCID.

The inactive NCs in all the regions were requested to activate themselves. Vice Presidents of the concerned region were also requested to use their good offices for reactivation of such NCs.

The Central Office has corresponded with the National Committees of Algeria (CNAID), Angola (ANGCID), Ghana (GHANCID), Ivory Coast (IVCID), Kenya (KENCID), Libya (LICID), Madagascar (MADCID), Malawi (MILCID), Mozambique (MOCID), Senegal (SENCID), Sudan (SUCID), Tanzania (TANCID), Uganda (UGCID) and Zimbabwe (ZICID) for their reactivation.

The Central Office has also written to Botswana, Guinea, Mauritania, Namibia, Swaziland, and Somalia by inviting them to join ICID membership network.

Dr. Ir. Karim Shiati, Vice President (Hon.) and Chairman Asian Regional Working Group (ASRWG) visited Tanzania on 5 June 2011 and held discussions with Eng. Raphael Daluti, Director Irrigation and Technical Service Division, Ministry of Agriculture and Food Security of P.R. of Tanzania regarding the reactivation of the Tanzanian National Committee on Irrigation and Drainage (TANCID) and its active participation in the 21st ICID Congress on Irrigation and Drainage and 62nd IEC meeting to be held on in Tehran, I.R. of Iran from 15- 23 October 2011. The visit was cordial and a positive outcome is expected.

The National Committees of Belgium, Bulgaria, Poland and Slovak Republic have become inactive in the past. The Central Office is in contact with these National Committees for their reactivation. The Central Office has also invited Albania, Belarus, Bosnia & Herzegovina and Moldova for ICID membership. Responses from others are awaited.

The ICID Central Office made efforts to reactivate the NCs of Jordan, Lebanon, Tajikistan and Vietnam in Asia and Oceania region. VPH Dr. Karim Shiati has requested UAE to become a member of ICID. Further efforts to achieve the reactivation will continue with the support of Vice Presidents who have been assigned the countries in their region.

During the Yogyakarta meeting, VPH Dr. Karim Shiati suggested that DPR Korea (North Korea) may be included in the list of non-member countries while sending invitation letters to them since North Korea is known to be much interested in the water and food security. Accordingly, the Central Office requested the Embassy of Democratic People's Republic of Korea in New Delhi to provide the contact coordinates of DPR Korea. Response is awaited.

SGH Dr. Chitale during his visit to Oman in February this year had an opportunity to interact with the two Ministers of the Sultanate dealing with water management arranged by Mr. Anil Wadhwa, Ambassador of India in Sultanate of Oman. During his meeting, he had mentioned to the Ministers about the work of ICID and the benefits that the Sultanate would derive by being a member of ICID. Mr. Wadhwa suggested that it will be desirable if ICID could take up the matter regarding Oman's membership of ICID through him. Accordingly, the Central Office has pursued the matter through Indian Ambassador in Oman regarding Oman's membership in ICID. Dr. Swati V. Kulkarni, Counsellor (Political), Indian Embassy, Muscat informed that the matter is put up with the concerned Omani authorities for consideration and their response is awaited.

The inactive NCs in Americas, viz., Argentina, Columbia, Cuba, Dominican Republic, Ecuador, Honduras, Panama, Peru, Surinam and Venezuela were contacted. Argentina and Peru indicated their inclination to join ICID in 2008. The Central Office is actively pursuing their reactivation hoping for positive outcome.

Progress, if any, up to the time of the Committee meeting will be reported. The Committee may suggest ways and means to reactivate the inactive members.

Vice Presidents' reports on their efforts to strengthen regional cooperation and activities of NCs

In the light of the election of three new Vice Presidents at Yogyakarta, a redistribution of the National Committees and regions amongst the newly elected and present Vice Presidents for the year 2010-11 has been effected (See *IEC Agenda, Item 15*). Non-member countries in the regions are also shown as allocated to the Vice Presidents, who have shown interest to facilitate their admission to ICID through their good offices/efforts.

It was highlighted that the (i) Vice Presidents should keep close contact with NCs allocated to them, (ii) Vice Presidents should keep in contact with each other to reactivate inactive members during their visits across the regions and allocations and (iii) where feasible, the Chairmanship of Regional Working Groups should be assigned to a Vice President in the region.

As Vice President of ICID, Dr. László G. Hayde was invited to the International Conference on “Conservation of Agro-biodiversity and Sustainable Development of Agriculture” organized by the Georgian State Agrarian University (GSAU), in Tbilisi, Georgia on November 24-25, 2010. There he had a meeting with the head and deputy head of the Agricultural Development Department at the Ministry of Agriculture on the future possibility of Georgia joining to ICID. VP Dr. Hayde also held discussions with the Vice-Rector of the State Agrarian University of Armenia about ICID membership of Armenia.

The Central Office has requested all Vice Presidents to provide a report of their visits to the countries of their region and on the developmental activities undertaken by them since Yogyakarta meeting.

The responses from Vice Presidents are awaited.

Vice Presidents will present report on their efforts to reactivate national committees, strengthen regional cooperation and activities of NCs during the meeting.

Item 5 : Task Forces

5.1 Task Force to Guide ICID Inputs to WWF-6 (TF-WWF-6)

At Yogyakarta, the first meeting of the TF-WWF6 was held where It was decided to that the Chairman of the Task Force and the Central Office would work in close cooperation with AFEID, FAO and other stakeholders of ‘Water for Food Security’ to prepare an informal proposal for the programme for this sector during WWF6. Chair, TF-WWF6 attended the 2nd Stakeholder Consultation Meeting held on 17 and 18 January 2011 in Paris where the Core groups stand formed on each one of the 15 key priority issues. WWF6 invited ICID to be one of the members of the Nucleus Core Group on “*Contribute to food security by optimal use of water*”. ICID nominated President Hon. Bart Schultz and was accepted as the Coordinator by the Thematic Process Commission / 6th Forum Secretariat.

Chairs of the workbodies were invited to be the members of the TF. However, the response was lukewarm.

An interim meeting of the Task Force was held on the sidelines of the 24th European Regional Conference on 14 March 2011, which was chaired by President, ICID Prof. Chandra Madramootoo and discussed the targets under Key priority 2.2: Contribute to food Security by optimal use of water”. A group of AFEID members willing to contribute to Target and Solution Groups attended the meeting.

An International Conference on “Towards the 6th World Water Forum – Cooperative Actions for Water Security” was held in Tashkent, Uzbekistan on 12-13 May 2011, in which Secretary General Gopalakrishnan participated. A Concept Note in the light of the process development framework “From targets to solutions” adopted by the WWC and International Forum Committee, which sets successive steps for development of proposals on solution of urgent water problems towards the 6th WWF was prepared by the Regional Process Commission: Central Asia Cross-Continental Process.

A half day session on *Water for Food Security with a focus on WWF6* is proposed to be held in October 2011 at Tehran.

ICID indicated its readiness to work with ICOLD on “By year 20yy increase by xx% the capacity of water storages in support of irrigated agriculture (either supplementary, deficit, or full irrigation) - within the framework of an environmentally sufficient and socially sound management” ICID had proposed to the Forum Secretariat that ICID President Chandra Madramootoo will co-chair a Session on this topic to be chaired by the ICOLD President.

Organisers of international and national level ICID meetings were requested to provide possible inputs to WWF6.

5.2 Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY)

At Yogyakarta, during the first meeting of the Task Force, Chair Mr. Laurie Tollefson provided a few opening remarks and made a PowerPoint presentation on “*Water for energy or food*” providing a brief summary of the work of Later Dr. Henri Tardieu towards formation the Task Force and an update since then. The group discussed the presentation and explored ways to move forward effectively.

The Central Office had circulated an invitation to all National Committees for membership of the Task Force. The TF is planning to organize a session at Tehran in 2011 where presentations will be made on the most complex issue i.e. water for energy or food, evolving ICID’s position on the subject as a logical next step.

5.3 Task Force on Sedimentation of Reservoirs (TF-SEDIMENTATION)

The maiden meeting of the Task Force was held at Yogyakarta on 13 October 2010 where a few became members of the TF. To begin with a few aspects like (i) Watershed management, (ii) Step to avoid sediment deposition during construction and (iii) Management of sediment through (a) Regulation, (b) Support interventions and (c) Viable desilting innovations are decided to be taken up. Participants agreed to contribute and try to identify any other contributors through networking.

5.4 Task Force on Financing Water for Agriculture (TF-FIN)

At Yogyakarta, the members decided to continue the activities as a Task Force rather than converting it into a Working Group. The TF had organized workshop on "Country policies and strategies on financing and implementation of current water user charging systems in irrigation" during the TF meeting in Yogyakarta in October 2010. The TF also proposed to organize two full-day workshops in Tehran, Iran in 2011 and Adelaide, Australia in 2012. TF considered various options such as (i) an ICID Position Paper (ii) a special issue of ICID Journal, or (iii) a report on TF activities to conclude its activities in Tehran.

Item 6 : Strengthening and Broad-basing of NCs, Evolving/Revising Constitution of NCs

The Central Office had in its record the Constitutions of 41 National Committees. Rest of the National Committees is being advised, from time-to-time to adopt and furnish a copy of their Constitution to the Central Office. Also inform about modifications, if any. As suggested at the New Delhi meeting, Central Office has provided sample 'Constitutions of National Committees' to all those National Committees who sought it.

B. REVIEW OF TENURES AND ACTIVITIES OF WORKBODIES

Item 7 : African Regional Working Group (AFRWG)

The dates for the 3rd African Regional Conference to be held in Bamako, Mali have been finalized as 29 November to 5 December 2011. The main theme of the Conference is "*Food Security in Africa and Climate Change: Improve irrigation and drainage contribution*". The three-year work plan of the AFRWG will be prepared by a team comprising one representative each from SARIA, ARID and AMID.

The Chairman, AFRWG will present his report at the meeting.

Item 8 : European Regional Working Group (ERWG)

The 24th European Regional Conference of ICID on the theme "Groundwater Resource: An Essential Resource to be Saved and Managed" was successfully held on 14-16 March 2011 in Orléans, France. The Conference was attended by 300 participants from 20 countries and more than 100 papers were presented.

The 25th European Regional Conference on the theme "Integrated water management for multiple land use in flat coastal areas" was successfully co-hosted by the National Committees of Germany and Netherlands in Groningen, The Netherlands from 16-20 May 2011. About 150 participants from 24 countries attended the Conference, with a fieldtrip to the northern coastal area of Germany. In total 57 papers were approved for presentation at the Conference and there were 11 keynote presentations, several workshops, a panel discussion, excursions and a social programme. An ICID Groningen Declaration was issued.

The Chair, ERWG will present his report at the meeting.

Item 9 : Asian Regional Working Group (ASRWG)

The 6th Asian Regional Conference was successfully held at Yogyakarta, Indonesia from 10-16 October 2010 on the theme "Improvement of Irrigation and Drainage Efficiency through Participatory Irrigation Development and Management under the Small Land Holding Conditions." The Australian National Committee will host the 7th Asian Regional Conference on the theme "Regional Cooperation for Water and Food Security" in Adelaide in June 2012 in conjunction with the 63rd IEC meeting as approved at New Delhi IEC. The 8th Asian Regional Conference on the theme "Drought and Flood" will be held in Mardin, Turkey in October 2013 along with 64th IEC meeting as approved at Yogyakarta IEC meeting.

The Chair, ASRWG will present his report at the meeting.

Item 10 : American Regional Working Group (AMRWG)

At Yogyakarta meeting of the AMRWG, Ing. Agr. Sergio De Agrela (Uruguay) made a presentation on "Water use in Uruguay Agriculture". Prof. Lucio Ubertini also presented a report of the three workshops on "Water: A priority for Latin American Countries" organized by the Italian NC in cooperation with the Istituto Italo Latino Americano in Italy. The NCs of Brazil, Mexico and Uruguay were exploring to organize the 4th American Regional Conference.

The Convener, AMRWG will present his report at the meeting.

Item 11 : Working Group on Irrigation and Drainage in States under Socio-Economic Transformation (WG-IDSST)

The WG-IDSST held its first meeting in Yogyakarta last year. The WG considered the new items emerging from the new mandate like (i) Develop and strengthen the network among the countries in transition, (ii) Monitoring and evaluation of common problems in states with transition economy, (iii) Create database on irrigation and drainage in the countries of transition, (iv) Develop public-private partnerships and implementation of IWRM, (v) Identify and monitor problems (ecological situation) of closed basins, etc.

The Chair, WG-IDSST will present his report at the meeting.

Item 12 : Special Work Team on Lake Chad Basin (ST-LCB)

At Yogyakarta, in absence of the Chairman and other members from Africa, Secretary General Gopalakrishnan initiated the meeting. The ST could not hold its meetings in Lahore and New Delhi due to the non-attendance of the members. The ST is to complete its mandate by 2011 (Tehran meeting). It was proposed in Yogyakarta to merge the ST to AFRWG by transferring some of its key activities subject to agreement by AFRWG and PCSO.

The Chair, ST-LCB will present his report at the meeting.

Item 13 : Committee on Congresses/Conferences (C-CONGR)

At Yogyakarta, the Committee reviewed the 62nd IEC meeting and 21st ICID Congress in Tehran, Iran during 15-23 October 2011. The Committee noted the progress in the various arrangements for the successful conduct of the events by IRNCID including an expected approximate income of \$200,000 to ICID. The Committee also reviewed the preparations for the 22nd ICID Congress in Korea in 2014. The Committee has considered the feedbacks from the completed events and also reviewed the preparations of the upcoming events of ICID.

The Convenor, C-CONGR will present his report at the meeting.

Item 14 : Working Group on Young Irrigation Professionals Forum (WG-YPF)

At Yogyakarta, the WG reviewed the progress made by the NCs in establishing Young Professionals Forum in their countries. It also reviewed the progress on preparation of the directory of Young Professionals, including the establishment of a network of young professionals through development of a web-based platform (Facebook). The WG considered the current activities of YPF members including that of YPF-INACID holding its first international seminar for young professionals at Yogyakarta on 15 October; YPF-MANCIID's preparations for their "16th MANCO" in February 2011 and YPF-IRNCID's activities.

The Chair, WG-YPF will present his report at the meeting.

Item 15 : New Workbodies

Australian National Committee (ICID-NCA) proposed to establish an ICID Working Group on Millennium Development Goals (MDGs) to deal with the "Role of impact evaluation in maintaining momentum towards the MDGs through investments in irrigated agriculture sector". A background note (*see PCTA Annex 1*) as prepared by the Australian National Committee was circulated amongst ICID National Committees / Committee soliciting nomination of expert to attend the meeting and participate in the deliberations for establishment of this workbody. The background note provides the genesis and justification for the establishment of this Working Group, its proposed activities, work plan for the period 2011-2015 and presentations proposed at the kick-start meeting to be held in Tehran on 17 October 2011

Item 16 : Strategy for Communication and Cooperation between ICID and other Organizations

(i) Lead International Organizations

As usual, ICID has been in close cooperation with related International Organizations by attending their meetings and through communications. Some of the organizations with which ICID has close cooperation are - FAO, The World Bank, Asian Development Bank (ADB), African Development Bank (AfDB) through AgWA initiative, World Water Council (WWC) / World Water Forum, Global Water Partnership (GWP), International Fund for Agricultural Development (IFAD), International Commission on Large Dams (ICOLD), World Meteorological Organization (WMO), Third World Centre for Water Management (TWCWM), Asia-Pacific Water Forum (APWF), UN-Water / UNW-DPC, UN World Water Assessment Programme (WWAP), ISO, Global Subsidies Initiative (GSI), etc. ICID continues to host the International Water-related Associations' Liaison Committee (IWALC) Secretariat in Central Office and the Secretary General renders coordinating support as its Secretary.

A joint FAO-ICID-IRNCID Special Session on '*Modernization of Water Management Schemes*' will be organized in Tehran, Iran on 20 October 2011.

For WWF6, ICID shall be contributing to the Key Priority 2.2 "Contribute to Food Security by Optimal Use of Water" [Target III "Increase sustainable productivity and lower costs of water management (yield per ha, per m³ of water and per \$\$ of production cost) in such a way that by year 20yy there is food security at affordable prices for all"] as its Co-leader for which FAO is the theme leader. For Target V "Promote development and management of sufficient environmentally and socially sound storages in support of irrigated agriculture (either supplementary, deficit, or full irrigation, aiming at X% storage capacity increase by year 20yy)", ICID intends to Co-chair the session with ICOLD.

It was agreed in Yogyakarta that ICID should preferably continue, on a reciprocal basis, to invite the related International Organizations as members or observers of ICID while endeavoring to join other International Organizations as member or observer, when invited.

The Committee will explore more avenues for cooperation and communication with likeminded international water-related organizations. If sponsored projects with the financial support of donors could be undertaken with joint partnership of other global organizations, ICID's value will enhance and also strengthen its finances.

(ii) Farmers and other Water Users

At Yogyakarta meeting, the Committee noted the importance to strengthen communication and cooperation between ICID and farmers and other water users.

The Committee encouraged all the National Committees to involve farmers / water user associations in their activities, prepare simple publications / booklets on current topics of irrigation, drainage and flood management in local language and distribute among farming community. The Committee suggested that the National Committees could also compile information on the irrigation / drainage equipments / products in their countries, manufacturers, prices, operation manuals, etc. and bring out catalogues for the benefit of farmers. The Committee exhorted the National Committees to organize technical workshops focused on matters of interest to farmers, such as water rights / law, economic / financial aspects etc.

The Committee may further explore the ways and means to increase the participation of Farmers in ICID meetings.

(iii) Membership of International Organizations, Private Companies and Manufacturers

At Yogyakarta, PCSO discussed the suggestion of the internal review of PFC on the membership of International Organizations, Private Companies and Manufacturers, and principally agreed and recommended to carry out detailed internal analysis (*providing benefits for the new membership categories, work out how it fits to our internal structure*) and external market analysis.

The Committee recommended to work out the direct ICID membership possibility for those International Organizations, Private Companies and Manufacturers which are unable to obtain membership through a National Committee.

As per the decision taken at the 61st IEC meeting, small Task Force was set up to look into different points emerged during consideration at Yogyakarta and come up with a final document to Tehran IEC on "Broadbasing of ICID Membership".

Accordingly, ICID Management Board constituted a Review Committee comprising of VPH Felix B. Reinders (South Africa) as Chair and VPH Larry D. Stephens (USA), VPH Prof. Dr. M.H. Amer, VP Dr. W.F. Vlotman (Australia), Ing. Helvecio Mattana Saturnino (Brazil), and VPH Dr. S. Nairizi (Iran) as its member to study the proposals.

Secretary General to act as the Member-Secretary of the Review Committee. The Committee was provided with the documents (a) The broadbasing proposals circulated during the 61st IEC meeting and (b) The minutes of Item 4 "Broadbasing of ICID Membership" of 61st IEC meeting.

VPH FelixReinders , Chair of the Review Committee will present his report.

C. FOR INFORMATION

Item 17 : Best Performing Workbody Award (BPWA)

The ICID Central Office vide its e-mail dated 04 January 2011, and subsequent reminders, invited nominations for the 3rd Award for the Best Performing Workbody (BPWA-3) from all the Chairs of ICID Workbodies.

The evaluation of the Award will be based on the various facets/achievements demonstrated by the participating workbodies between the two consecutive Congresses, viz. 20th and 21st Congresses.

In response to the invitation by the ICID Central Office, Chairs of three Workbodies have applied for the Award. These are – (i) Asian Regional Working Group (ASRWG), (ii) Working Group on Sustainable Development of Tidal Areas (WG-SDTA), and (iii) Working Group on On-Farm Irrigation Systems (WG-ON-FARM).

The documents received from the contending work bodies were referred to the Panel of Judges for decision. The Panel, after a detailed evaluation to credit various aspects in adjudging their merit, congratulated all the contending workbodies for their submissions that are well articulated, declared their decision in favour of WG (SDTA) as the winners.

Item 18 : Best Performing National Committee Award (BPNCA)

Vide e-mail dated 06 December 2010 and subsequent reminders dated 14 February and 01 April 2011, the Central Office invited nominations from ICID National Committees/Committee for the 3rd BPNC Award.

In response to the invitation, the following NCs applied for the 4th BPNCA:

- (i) Japanese National Committee of ICID (JNC-ICID) and (ii) South African National Committee of ICID (SANCID)

The documents received from the NCs with the applications were referred to the Panel of Judges (POJ) for decision. While congratulating both the submissions on their contents / actions PoJ had announced their final decision in favour of SANCID. The rolling Trophy and a Citation Plaque will be presented to SANCID during IEC.

Item 19 : N.D. Gulhati Memorial International Lecture

The Central Office has invited nominations from the National Committees/Committee for a distinguished Lecturer to deliver the forthcoming 'N.D. Gulhati Memorial Lecture for International Cooperation in Irrigation and Drainage' at the 21st ICID Congress in October 2011 vide its e-mail dated 04 January 2011. The invitation was repeated through Central Office e-mails of 14 February, 01 April and 27 April 2011.

In response to the invitation letter circulated to the NCs, the following nomination was received for delivering the Gulhati Memorial Lecture:

Dr. Charles Michael Burt by US Committee on Irrigation and Drainage (USCID)

A 'Nomination Committee' comprising President Chandra Madramootoo (Chair), VPH Dr. Felix B. Reinders, Chair, PCTA, VPH Dr. Hafied A. Gany, Chair, PCSO and Secretary General Er. M. Gopalakrishnan considered the nomination received from the NC and recommended the nomination of Dr. Charles Michael Burt to be invited as the Distinguished Lecturer to deliver the 3rd N.D. Gulhati Memorial Lecture at the Tehran Congress (2011).

Item 20 : Any other business

**EXCERPTS OF PROVISIONS FOR MEMBERSHIP AND
TENURE OF WORKBODIES**

1. By-law 3.3 (b) stipulates that as the duration of the membership of a workbody is expected to be six years or less, the duration of the work to be undertaken by a temporary workbody should not exceed a period of six years. The duration of such functioning may be shortened or lengthened by the Council keeping in view the results accomplished by the workbody in terms of the products such as study reports, publications, workshops, seminars as may be arranged by the workbody, after considering the recommendations of the concerned permanent committee.

2. Workbodies which have completed their work should be encouraged to close, merge or hand over all or part of their subject area to new work bodies (thus maintaining subject area continuity but with fresh lines of work).

Once approved, the name and mandate of a work body should be considered in the context of merging or handing over all or part of the subject area to a new Workbody or Workbodies.

3. The Chairmen of workbodies to strictly implement the ICID By-law 3.1.7 stipulating that members not contributing to the activities of the workbody by attendance (but not representation by any representative of the concerned National Committee) or correspondence for two consecutive years shall be replaced in consultation with their National Committees.

4. No person should be a member of more than three workbodies, not counting Office-Bearers Committee (OBC), Permanent Committee on Strategy and Organization (PCSO), Management Board (MB) or Staff Committee (SC).

5. The PCTA recommended to 51st IEC Meeting held at Cape Town that the size of Working Group may be decided such that useful business can be carried out through electronic media.

6. For a wider representation of countries in a workbody, not more than one membership from one country should normally be maintained. (However in the 56th IEC, Beijing, two nominations for any Working Group from a National Committee were agreed to, provided one of the two nominees is a young professional).

NATIONAL COMMITTEE MEMBERSHIP NETWORK
(As on 01 August 2011)

AFRICA	AMERICAS	ASIA AND OCEANIA	EUROPE
<p align="center">Active (Acronym) (Year of Joining)</p> <ol style="list-style-type: none"> Egypt (ENCID) (1950)*# Ethiopia (ETCID) (1976)* Mali (AMID) (2005)* Niger (ANID) (2007) Nigeria (NINCID) (1970)* South Africa (SANCID) (1993)* <p align="center">Deemed to be inactive (Acronym) (Year of Joining) (Year of inactive)</p> <ol style="list-style-type: none"> Algeria (CNAID) (1965) (1999) Angola (ANGCID) (1978) (1994) Ghana (GHANCID) (1958) (1982) Ivory Coast (IVCID) (1969) (1982) Kenya (KENCID) (1977) (2003)* Libya (LICID) (1988) (2000) Madagascar (MADCID) (1983) (1986) Malawi (MILCID) (1967) (2004) Morocco (ANAFIDE) (1959) (2011)* Mozambique (MOCID) (1978) (2006) Senegal (SENCID) (1966) (1992) Sudan (SUCID) (1964) (2003) Tanzania (TANCID) (2000) (2006) Tunisia (TUNCID) (1960) (1993) Uganda (UGCID) (1963) (1983) Zambia (ZACID) (1966) (2011) Zimbabwe (ZICID) (1955) (2001)* 	<p align="center">Active (Acronym) (Year of Joining)</p> <ol style="list-style-type: none"> Brazil (ABID) (1970)*# Canada (CANCID) (1956)* Chile (CHICID) (1979) Guyana (GUCID) (1992)* Mexico (MXCID) (1951)* Uruguay (URUCID) (2007) USA (USCID) (1951)* <p align="center">Deemed to be inactive (Acronym) (Year of Joining) (Year of inactive)</p> <ol style="list-style-type: none"> Argentina (ARCID) (1975) (2004) Colombia(INAT) (1966) (2003)* Dominican Republic (DOMCID) (1961) (1986) Ecuador (EDORCID) (1959) (1985) Honduras (HOCID) (1979) (1999) Panama (PANACID) (1980) (1990) Peru (PERU-ICID) (1965) (1973) Surinam (SURCID) (1956) (1985) Venezuela (VENCID) (1963) (1982) <p align="center">Withdrawn on their own (Acronym) (Year of Joining) (Year of withdrawal)</p> <ol style="list-style-type: none"> Cuba (CUCID) (1970) (1991) 	<p align="center">Active (Acronym) (Year of Joining)</p> <ol style="list-style-type: none"> Afghanistan (AFGICID) (2008) Australia (ANCID) (1952)* Bangladesh (BANCID) (1973)* China (CNCID) (1983)* Chinese Taipei (CTCID) (1969)* Fiji (FIJICID) (2010) India (INCID) (1950)*# Indonesia (INACID) (1950)*# Iran (IRNCID) (1955)* Iraq (IRQCID) (2006) Israel (ISCID) (1950) Japan (JNC-ICID) (1951)* Kazakhstan (KAZCID) (2006) Korea (KCID-ICID) (1970)* Malaysia (MANCID) (1958)* Myanmar (MNCID) (1962)* Nepal (NENCID) (1973) Pakistan (PANCID) (1953)* Philippines (PNC-ICID) (1956)* Saudi Arabia (SACID) (1977) Syria (SYCID) (1962) Thailand (THAICID) (1950)*# Turkey (TUCID) (1954)*# Uzbekistan (UzNCID) (1994)* <p align="center">Deemed to be inactive (Acronym) (Year of Joining) (Year of inactive)</p> <ol style="list-style-type: none"> Jordan (JORCID) (1978) (2003) Kyrgyz Republic (KYRCID) (2004) (2011) Lebanon (LEBCID) (1964) (1976) Sri Lanka (SLNICID) (1950) (2011)# Tajikistan (TAJCID) (1997) (2003) Vietnam (VICID) (1960) (2003) 	<p align="center">Active (Acronym) (Year of Joining)</p> <ol style="list-style-type: none"> Austria (AUNCID) (1954) Croatia (CRCID) (1993) Cyprus (CYCID) (1955) Czech Republic (CZNC-ICID) (1997)* Estonia (ESTCID) (2001) Finland (FINCID) (2000)* France (AFEID) (1953)* Germany (GECID) (1957)* Greece (GRCID) (1957)* Hungary (HUCID) (1955)* Ireland (IRCID) (1978) Italy (ITAL-ICID) 1950)*# Lithuania (LNCID) (1994) Netherlands (NETHCID)1950)* Portugal (PNCID) (1954) Romania (CNRID) (1992)* Russia (RUCID) (1955) Serbia (YUGCID) (2002)# Slovenia (SINCID) (1992)* Spain (CERYD) (1955)* Switzerland(CH-AGRAM) 1951)*# UK (ICID.UK) (1951)* Ukraine (UACID) (1996) <p align="center">Deemed to be inactive (Acronym) (Year of Joining) (Year of inactive)</p> <ol style="list-style-type: none"> Belgium (BELCID) (1988) 1997) Bulgaria (BNCID) (1960) (2006) Macedonia (MAKCID) (1995) (2011)* Poland (POCID) (1957) (2006) Slovak Republic (SKNC-ICID) (1996) (2006)*

AFRICA	AMERICAS	ASIA AND OCEANIA	EUROPE
<p>Admitted but not paid subscription (Acronym) (Year of Admission)</p> <ol style="list-style-type: none"> Burkina Faso(BURCID) (2000) Cameroon (CAMCID) (2009) Chad (ATID) (2003) Mauritius (MAUCID) (1992) Sao Tome and Principe (SAOCID) (1985) 	<p>Admitted but not paid subscription (Acronym) (Year of Admission)</p> <ol style="list-style-type: none"> Jamaica (JAMICID) (2008) 	<p>Withdrawn on their own (Acronym) (Year of Joining) (Year of withdrawal)</p> <ol style="list-style-type: none"> New Zealand (NEWCID) (1979) (1986) <p>Admitted but not paid subscription (Acronym) (Year of Admission)</p> <ol style="list-style-type: none"> Azerbaijan (AZERCID) (2005) Mongolia (MNGCID) (1993) Turkmenistan (TURMICID) (1998) Yemen (YECID) (1993) 	<p>Withdrawn on their own (Acronym) (Year of Joining) (Year of withdrawal)</p> <ol style="list-style-type: none"> Denmark (DENCID) (1981) (1986)

Constitutions of 41 Committees marked* are in Central Office record, # Founder Member

Region	Active	Deemed to be inactive	Admitted but not paid subscription	Withdrawn	Total
Africa	06	17	05	-	28
Americas	07	09	01	01	18
Asia and Oceania	24	06	04	01	35
Europe	23	05	-	01	29
Total	60	37	10	03	110

Note: 1. Guyana joined in 1957, Inactive during 1987-1991, rejoined in 1992; 2. Iraq joined in 1950, Inactive during 1993-2005, rejoined in 2006; 3. Romania joined in 1959, Inactive from 1982-1991, rejoined in 1992; 4. Vietnam joined 1960, Inactive during 1992-1995, rejoined in 1996 and again inactive from 2003; and 5. Yugoslavia joined in 1950 but reapplied in 1998 after break-up (as Serbia).

Agenda for the Seventeenth Meeting of the
WORKING GROUP ON YOUNG IRRIGATION PROFESSIONALS FORUM (WG-YPF)
 Tehran, Iran
 16 October 2011: 09.00-12.30 hours

Year of Establishment: 1993

Mandate:

- To provide an international platform for young irrigation and drainage professionals and to encourage and promote a high standard of professional development in the subjects of irrigation, drainage and environment.
- To facilitate the development, acquisition and wider dissemination of knowledge and information about irrigation, drainage, flood management and environment amongst the young professionals.
- To maintain and enhance links with national and international youth having interests in the related subjects or the activities relevant to ICID objectives.
- To educate young professionals about ICID's role, objectives, activities, structure, constitution and By-laws.

Members: (1) Mr. Yaser Barghi, Chairman (Iran, 2010); (2) Ir. Fabian Priandani, Vice Chairman (Indonesia, 2010); (3) Ms. Hayati binti Zainal, Secretary (Malaysia, 2010); (4) Ms. Nepveu de Villemarceau au Audrey (France, 2002); (5) Mr. Piyush Ranjan (India, 2009); (6) Mr. Homan Khaledi (Iran, 2009); (7) Dr. Yacob Beletse (South Africa, 2010); and (8) Dr. Katsuyuki Shimizu (Japan, 2010).

Website: <<http://www.wg-y pf.icidonline.org>>

Item 1 : Confirmation of the minutes of the 16th meeting of the WG-YPF

The minutes of the 16th meeting of the Working Group held at Yogyakarta in October 2010 will be confirmed.

Item 2 : Review of the membership of the Working Group

2.1 Membership of the Group

(a) Past nominations

The following nominations were deferred during the 16th meeting of the WG-YPF due to their non-availability during the meeting –

- Ms. Kartabayeva Irina Anatolyevna (Kazakhstan)
- Mr. Nikolay Akhmatovich (Russia) in place of Dr. Nariman Shamsutdinov
- Engr. Muhammad Ejaz Tanveer (Pakistan) in place of Engr. Qazi Tallat Mahmood Siddiqui

The Central Office (CO) contacted (28 January 2011) the above National Committees (NCs) and requested to confirm their nomination or nominate a fresh member with an assurance that the new nominee would either attend the meeting or be represented by a member from the concerned NC. Responses are awaited.

CVs of the above nominees will be tabled at the meeting for consideration.

(b) New nominations

The Egyptian National Committee (ENCID) has forwarded the following two nominations for consideration of the membership of the Group.

- Dr. Ibrahim El-Baroudy
- Eng. Emad Mohamed Mahmoud Khalil

The Central Office requested (13 May 2011) the ENCID to nominate only one professional in WG and another professional in some other workbody and also requested to mention the date of birth of Dr. El-Baroudy. Response is awaited.

During the Yogyakarta meeting, the Working Group observed that Ms. Jianxin Mu (China) has neither attended the meetings of the Working Group nor contributed to the activities through correspondence for the last three consecutive years (2008 - 2010). During the meeting, it was decided that fresh nominations may be invited from the National Committee with an assurance that the new nominee would contribute to the activities of the WG.

The Central Office contacted (13 May 2011) the CNCID and requested to send the new nomination for consideration at Tehran meeting. In response, CNCID has nominated Mr. Gao Lihui in place of Ms. Jianxin Mu (China) for the membership of the group.

CVs of the above nominees will be made available at the meeting. The group may like to consider the nomination at the meeting.

(c) Non-attendance/ contribution

During the Yogyakarta meeting, the Working Group observed that Ms. Nepveu de Villemarceau Audrey (France) had neither attended the meetings of the Working Group nor contributed to the activities through correspondence for the last three consecutive years (2008 - 2010). During the meeting, it was decided that fresh nomination may be invited from AFEID with an assurance that the new nominee would contribute to the activities of the WG. Contribution through correspondence is considered as active participation, in case nominees are unable to attend meetings for want of funds.

The Central Office contacted AFEID in January 2011 to confirm the participation of their nominee in the Tehran meeting or alternatively nominate a new member. Response is awaited.

Attendance/contribution record of the members of the WG-YPF during 2009 and 2010 will be made available during the meeting.

A. CONTINUING ITEMS

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

At Yogyakarta meeting, representatives from Japan, Malaysia, Indonesia and Iran informed their activities and progress to the members present at the meeting. The Chair encouraged the NCs to establish Young Professional Fora in their NCs.

The Central Office requested (26 April 2011) all the National Committees to establish an YPF within their countries and inform the same to the Chair. Response is awaited.

Item 4 : Review of the progress on preparation of a directory of Young Professionals

The group noted that Ms. Hayati (Malaysia) had prepared and forwarded their directory to the Central Office. During the Yogyakarta meeting, the Chair requested all NCs to develop such directories or expand and update their previously-made directories.

The Central Office in April 2011 requested the National Committees of China, Pakistan and Russia to prepare a directory of young professionals and forward the same to the Central Office/ Chair. Response is awaited.

Item 5 : Establishment of a Network of Young Professionals through development of a web-based platform

During the 14th meeting, Dr. Maurits Ertzen (The Netherlands) had demonstrated an online web-based platform and agreed to send letters to those who would be interested in sharing the knowledge and information via this facility. This facility will provide an opportunity to gather the information on the latest events for the young professionals and exchange information with each other. The platform operates under the supervision of the Dutch Organization of Higher Education.

At Yogyakarta meeting, the Working Group requested Chairman Mr. Yaser Barghi to follow up with Dr. Maurits Ertzen for establishing a network of young professionals through development of a web-based platform. The chairman has sent some emails to Dr. Ertzen but could not contact him.

Chairman informed the Central Office (29 April 2011) that he has been preparing and developing a page for YPF on 'FACEBOOK' at www.facebook.com/icid.ypf. He also informed that he has created some accounts for ICID-YPF in other social networking platforms like tweeter and slideshare to facilitate networking between young professionals

In May 2011, the Chairman sent the designed page for YPF to Central Office for review. With the initiative of the Chairman, a page titled "ICID-YPF on FACEBOOK" has been created which consists of following parts:

- Basic information on ICID
- Links
- Events
- Photos
- Wall
- Discussions
- Videos
- Notes

Chairman may apprise further contribution of members and progress to the members at the meeting.

Item 6 : "How to activate Young Professionals"

At Yogyakarta, the Chair discussed various initiatives taken so far to motivate young professionals in ICID activities as given below:

- Nomination of a young professional from each National Committee as an additional member in each Working Group of ICID;
- Contribution of papers by young professionals for publication in ICID Journal; and
- Participation/ Nomination of young professionals in WatSave Awards.

In order to motivate Young Professionals, it was also decided to take some concrete measures to rejuvenate this group as today's young professionals will be tomorrow's pillars in ICID. Some of the other initiatives were as follows:

- Selection of one university in each country by the concerned NC to have close cooperation with Young Professionals (where appropriate).
- Using media like FACEBOOK.
- Permitting NCs to nominate an additional young member in each Working Group of ICID.
- NCs to ensure the participation of young professional member in their delegation to ICID events.
- Providing sponsorship and inexpensive accommodation to WG-YPF members, if feasible.

During the meeting, it was decided to take up the matter with PCSO and follow up with NCs to encourage young professionals' participation in ICID events.

The Central Office has contacted (26 April 2011) all National Committees and requested to nominate an additional young member in each Working Group of ICID according to their relevant expertise and ensure their participation in ICID events. Response is awaited.

Item 7 : Current activities of YPF members

During the 61st IEC held in Yogyakarta, YPF-INACID hosted an International Seminar for Young Professionals on 15 October 2010 where 14 speakers, one from Japan and rest from Indonesia, participated. Although only one speaker was from Japan, the above seminar was considered as a benchmark step and the foundation for the next ICID international forum in Iran, where speakers from YPFs are expected to participate.

The 16th MANCID Annual Conference (MANCO) was held from 26-27 February 2011 in Penang, Malaysia on the theme "Droughts, floods, environment: Managing consumptive water needs sustainably". The Central Office requested (26 April 2011) Secretary Ms. Hayati binti Zainal to provide a brief summary/ outcome of the conference for wider dissemination among NCs. Response from Ms. Hayati is awaited.

In April 2011, the Central Office informed the Indonesian National Committee (INACID) that YPF – IRNCID is preparing to organize a similar workshop/seminar based on contributions from various ICID YPFs and requested them to participate in it. Response is awaited.

The Chairman informed (29 April 2011) the Central Office that he participated in the IRNCID-YPF annual meeting held in April 2011.

Chairman Mr. Barghi informed (16 June 2011) the Central Office that YPF-IRNCID has been actively pursuing its goals and held its meetings in presence of IRNCID members. The significant outcomes are as follows:

1. Preparation and publication of seasonal newsletter of IRNCID
2. Preparation and publication the Annual newsletter of ICID-YPF for distribution in the ICID 2010 annual meeting
3. Preparing a DVD including an archive of all past events, publications and documents of IRNCID in the field of irrigation and drainage
4. Collaboration with other working groups of IRNCID
5. Collaboration with WG-YPF of ICID
6. Preparation of publication titled "Water and Irrigation in the Contemporary era of Iran"
7. Arranging one seminar at Shahrekord University.
8. Arranging scientific/technical contest for young professionals in the water sector
9. Translation and edition of a book titled "Irrigation Systems"
10. Cooperation in organizing the 21st ICID congress
11. Presentation of papers in ICID Asian regional conference, Indonesia
12. Preparing three papers for Tehran Congress, October 2011.
13. Organizing a side event for Young Professionals during Tehran congress, October 2011.
14. Cooperation with Water History Association of Germany and hosting the German delegates to visit water structures and irrigation projects in Iran
15. Translating FAO-IWMI publication (summary) on "Water for Food, Water for Life"
16. Conducting an opinion poll to find out the effectiveness of IRNCID activities
17. Updating IRNCID website
18. Preparation of the performance report of the past year and work plan for the next year

The Chairman may apprise further progress to the members at the meeting.

Item 8 : Papers for Publication in the ICID Journal and ICID News

At Yogyakarta meeting, the group discussed about the preparation and dissemination of the YPF Newsletter among WG members. During the meeting, the Chair requested the members to prepare and submit their papers for publication in the ICID Journal and News.

The Central Office requested (26 April 2011) all National Committees to prepare a brief and submit it to the Chair / Central Office. The young Professionals were also requested to submit their papers for publication in ICID Journal.

Details for paper submission can be accessed at <[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1531-0361](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1531-0361)>. Response is awaited.

Item 9 : YPF Newsletter

During the 16th meeting, hard copies of the YPF Newsletter were disseminated among the members of the WG as well as observers. The group proposed to post the electronic version of the Newsletter on WG-YPF website for its easy access. The Central Office provided (20 January 2011) the IP address, the user name and password to Chairman for updating the WG website and has also uploaded the 'Message from the Chairman' on the WG website <<http://www.wg-ypf.icidonline.org>>.

In April 2011, the Central Office requested all National Committees to prepare and submit briefs on YPF activities in their country/NC to the Chair/ Central Office so that it can be incorporated in the forthcoming issue of the YPF Newsletter. Response is awaited.

Item 10 : Encouraging Young Professionals for WatSave Awards

During the Yogyakarta meeting, the Chairman informed that one of the WatSave Awards is allocated to the best work carried out by young professionals in the field of water saving techniques. Chairman requested members to compete in WatSave Awards 2011 by sending their best works or performance to ICID Central Office.

The Central Office requested (26 April 2011) all members/ National Committees to send the best works or performance of Young Professional in their country/NC in water savings to ICID Central Office. No nominations were received for WatSave Awards – Young Professional category this year.

B. NEW ITEM

Item 11 : Young professional's Session at Tehran Congress

As per the decision of the 5th Executive Committee meeting of the 21st ICID Congress held in Iran, IRNCID has decided to allocate a 2-3 hours time slot in one of the afternoons for a gathering of all the young professionals attending Tehran Congress. The aim of this gathering would be to promote networking between the young professionals of various NCs by presenting their experiences, activities, achievements etc.

Following above, the ICID Working Group on Young Irrigation Professionals Forum (WG-YPF) will organize a Special Session on the sidelines of ICID Tehran events on 17 October 2011, from 15:00 to 18:00 hours. The Special Session will give a golden opportunity for young professionals to engage, network, exchange ideas and share experiences in a warm and friendly session during the magnificent ICID 2011 events. Young professionals attending this event on behalf of their National Committees (NCs) will be making brief presentations on the activities and achievements.

The Chairman circulated (11 July 2011) the announcement of organizing a Special Session of 'Young Professionals Forum' as above among all members and requested them to make a brief presentation (10-15 minutes) on their activities and achievements during the Session. In response, Dr. Katsuyuki Shimizu (Japan) informed the Central Office that Dr. Atsushi Marui will make a presentation on his behalf. Dr. Yacob Beletse (South Africa) informed (17 July 2011) that he will make a presentation on the progress in SANCID-YPF in South Africa at Tehran meeting. Ms. Hayati Zainal (Malaysia) has informed (10 August 2011) the Chairman that she will make presentation on the topic related to irrigation and drainage or agro transformation in Malaysia during the YPF Session. Responses from others are awaited.

Chairman may apprise further progress at the meeting.

Item 12 : Any other business

Agenda for the Twenty-second Meeting of the
COMMITTEE ON CONGRESSES/CONFERENCES (C-CONGR)
 Tehran, Iran
 16 October 2011: 13:30-17:00 hours

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: (1) Mr. Mohammad Kazem Siah (Iran,2009), Convener; (2) Pakistan representative; (3) Dr. K. Yella Reddy, Indian Representative (INCID); (4) Mr. Syaiful Mahdi (Indonesia); (5) Vice President Willem F. Vlotman (Australia) or his Representative (IAL); (6) Dr. Jin-Hoon JO, Korean Representative (KCID); (7) Ir. Bert Pijpers, The Netherlands Representative (NETHCID); (8) Dr. Adama Sangare, Mali Representative (AMID); (9) Dr. Sami Bouarfa, French Representative (AFEID); (10) Turkey representative; and (11) Dr. Vijay K. Labhsetwar, ICID Central Office, representing Secretary General.

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

Item 1 : Confirmation of minutes of the 21st meeting of the C-CONGR

The minutes of the 21st meeting held at Yogyakarta (2010), Indonesia will be confirmed during the meeting.

Item 2 : Review the membership of the Committee

The Committee is composed of a Convener, who is a member of the Organizing Committee of the (next) Congress and 6 other members appointed as follows: One member of each of the Organizing Committees of the previous and next to immediate next Congresses, two members of the two previous Organizing Committees and two future IEC meetings. The basic composition might be completed by addition of one member of the Organizing Committee of each of the Regional Conferences held during the past and the future Congress, unless it coincides with an IEC Meeting.

The membership given earlier is as per above mode of selection. Nominations have been invited from Australian National Committee (IAL), French National Committee (AFEID), Indian National Committee (INCID), Indonesian National Committee (INACID), Korean National Committee (KCID), Malian National Committee (AMID), Netherlands National Committee (NETHCID), Pakistan National Committee (PANCID); and Turkish National Committee (TUCID) for membership.

In response, Australian National Committee has nominated Mr. Ian Atkinson (IAL) in place of Dr. Chris Bennett; AFEID has nominated Dr. Sami Bouarfa (France); INACID has nominated Mr. Syaiful Mahdi (Indonesia) in place of Vice President Hon. Dr. A. Hafied A. Gany; KCID has nominated Dr. Jin-Hoon JO (Korea); AMID has nominated Dr. Adama Sangare (Mali); Netherlands National has also nominated Ir. Bert Pijpers (NETHCID); and Indian National Committee of ICID (INCID) has nominated Dr. K. Yella Reddy (India) as their representatives.

Responses from the PANCID and TUCID are awaited

Item 3 : 'Yogyakarta' Events - 2010

3.1 Feedback by INACID from 61st IEC Meetings and 6th Asian Regional Conference during 11-15 October 2010 at Yogyakarta, Indonesia

The 61st IEC and 6th Asian Regional Conference were successfully held during 11-15 October 2010 at Yogyakarta, Indonesia. More than 500 delegates from 35 countries, of which 196 were foreign delegates, participated in various events. The 6th Asian Regional Conference was inaugurated by His Highness Sri Paduka Paku Alam, the 9th / Vice Governor of Yogyakarta Special Region. In all 242 papers were received for the 5th ARC and presented in 20 Technical Sessions.

Other events scheduled were:

- A Joint Session of India-Indonesia on PIM.
- UNW-DPC/FAO/ICID session on Aqua Crop (Capacity Building)

Mr. Syaiful Mahdi (Indonesia) may apprise the Committee.

Item 4 : Feedback from European Regional Conferences

4.1 Feedback from the 24th European Regional Conference during 14-16 March 2011 at Orleans, France

The 24th European Regional Conference of ICID on the theme "*Groundwater Resource: An Essential Resource to be Saved and Managed*" was successfully held from 14-16 March 2011 at Orléans, France. The Conference was attended by about 300 participants from 20 countries and more than 100 papers were presented and deliberated in two plenary sessions – Key Note presentations and 'Beauce' session and under six parallel topics.

The Keynote Session was inaugurated by President Prof. Dr. Chandra Madramootoo who spoke of global trends in the usage of the groundwater reserves and resulting pressures from overexploitation. Dr. Margat, a world-renowned Hydro-geologist, Pr. Ghislain de Marsily, an eminent Hydrologist & Member of the French Academy of Science, Pr. B. Barraqué, Political Scientist and Economist with the French Centre International de Recherches sur l'Environnement et le Développement and Dr. Marcel Kuper on behalf of Dr. T. Shah, Senior Fellow of IWMI made their impressive and informative presentations during the Conference. The plenary 'Beauce' session looked exclusively into the development of irrigation in the French region of Beauce, an important region for grain production in France, and the system progressively put in place to manage volumetric demands on the aquifer. Five presentations provided different points of view on a shared challenge. The other key issues of groundwater management were addressed through paper presentations made under six topics. The Proceedings and the presentations of the conference are available on the Conference website: <http://www.groundwater-2011.net/program_and_proceedings>.

Dr. Sami Bouarfa (France) may apprise the Committee.

4.2 Feedback from the 25th European Regional Conference during 16-20 May 2011 at Groningen, The Netherlands

ICID's 25th European Regional Conference on the theme "*Deltas in Europe : Integrated water management for multiple land use in flat coastal areas*" was successfully held from 16-20 May 2011 hosted by The Netherlands National Committee of ICID (NETHCID) and co-hosted by the German National Committee of ICID (GECID) at Groningen, The Netherlands. The Conference was attended by about 150 participants from 24 countries and more than 57 papers were presented and deliberated in plenary sessions - 11 Key Note presentations and under four parallel topics.

Ir. Bert Pijpers (The Netherlands) may apprise the Committee.

Item 5 : 'Tehran' Events - 2011

5.1 Review and observe the preparations made by IRNCID for the 62nd IEC Meetings, 21st ICID Congress and 8th IMIC during 15-23 October, 2011 at Tehran, Iran

Mr. Mohammad Kazem Siah (Iran) or a representative from the organizing committee (Ir. A.R. Salamat, Executive Secretary, IRNCID) may apprise the Committee about the preparations and planning for the 62nd IEC Meetings, 21st ICID Congress & 8th IMIC being held during 15-23 October 2011 at Tehran, Iran in as great a detail as possible, so as to help the future event planners and host national committees to gain from the same.

Item 6 : 3rd African Regional Conference - 2011

6.1 Review and discuss the preparations for the 3rd African Regional Conference during 29 November to 05 December 2011 at Bamako, Mali

The 3rd African Regional Conference of ICID will be held during 29 November to 05 December 2011 at Bamako, Mali. This Conference will be coupled with the 3rd African Exhibition of Irrigation and Drainage (SAFID) organized by the African Regional Association of Irrigation and Drainage (ARID). The theme of the Conference is '*Food Security and Climate Change: How to improve the contribution of irrigation and drainage?*' and the other sub-themes of the Conference are:

- **Sub-theme 1:** The effects of climate change on the development of Irrigation in Africa
- **Sub-theme 2:** Policies and strategies to improve the contribution of irrigation and drainage to food security in Africa in the context of climate change
- **Sub-theme 3:** Water productivity for agriculture use and the challenge of climate change

Dr. Adama Sangare (AMID) may apprise the Committee about the preparation and detailed planning of the 3rd African Regional Conference.

Item 7 : 'Adelaide' Events - 2012

7.1 Review and discuss the preparations for the 63rd IEC meetings and 7th Asian Regional Conference during 24-29 June 2012 at Adelaide, Australia

Vice President Willem F. Vlotman informed (16 May 2011) that he or Mr. Ian Atkinson from Australian National Committee of ICID (IAL) may apprise the Committee about the preparations made and detailed planning of the 63rd IEC Meetings and 7th Asian Regional Conference to be held during 24-29 June 2012 at Adelaide, Australia.

Item 8 : 11th International Drainage Workshop - 2012

8.1 Review and discuss the preparations for the 11th International Drainage Workshop during 23-27 September 2012 at Cairo, Egypt

The ICID's 11th International Drainage Workshop (IDW) will be hosted by the Egyptian National Committee of ICID (ENCID) during 23-27 September 2012 at Cairo, Egypt with the support of the ICID Working Group on Drainage (WG-DRG). The main theme of the workshop will be '*Agricultural Drainage Needs and Future Priorities*' with six topics and 27 subtopics to be addressed. The first announcement and call for papers of the 11th IDW has been issued and widely circulated amongst ICID National Committees and International Organizations seeking their contribution and participation.

Please access announcement of 11th IDW at <<http://www.encid.org.eg/idw11>> for more information.

VPH Prof. Dr. M.H. Amer, Chairman of ENCID may apprise the Committee about the preparations made and detailed planning for the 11th IDW.

Item 9 : 'Turkey' Events - 2013

9.1 Review and discuss the preparations for 64th IEC Meeting (2013) in Turkey

The representative from Turkish National Committee of ICID (TUCID) may apprise the Committee about the preparations made and detailed planning of the 64th IEC Meeting (2013) in Turkey.

Item 10 : 'Seoul Congress' - 2014

10.1 Review and discuss the preparations for the 65th IEC meetings and 22nd ICID Congress (2014) in Seoul, South Korea

The 60th meeting of the International Executive Council (IEC) held at New Delhi, India in December 2009 accepted the offer of Korean National Committee on Irrigation and Drainage (KCID) to host the 22nd Congress on Irrigation and Drainage in 2014 at Seoul, South Korea.

A Work Team has been established (2010) under the Convenership of Prof. Tai-Cheol Kim (Korea) to work on themes, topics / sub-topics and their scope for the various events during the Congress. The other Work Team members are – (i) Vice Presidents Hon. Prof. Dr. Hector Malano (Australia) and Dr. Mark Svendsen (USA). Further, all the National Committees have been requested (04 January 2010 and 08 June 2011) to propose their ideas on themes, topics/sub-topics etc. of their choice and relevance. Responses received from the National Committees have been forwarded the Work Team for developing the mandated scope for each event and sub-topic. The detailed scope of the Topics and Subtopics developed by the Work Team will be placed for consideration in PCTA/IEC during Tehran meetings.

The Central Office provides the '*Guidelines for Organizing ICID Congresses*' to the host National Committee of ICID (**Annex**). These guidelines may be discussed and improved upon as appropriate.

Dr. Jin-Hoon JO (Korea) may apprise the Committee about the status of preparations and detailed planning for the 22nd ICID Congress on Irrigation and Drainage.

Item 11 : Website of C-CONGR

The ICID Central Office has invited (06 May 2011) news briefs on ICID events from National Organizing Committees for placing on webpage of C-CONGR through icon 'ICID Events'. Please access <<http://www.c-congr.icidonline.org>> for more information on ICID events.

In response, Vice President Willem F. Vlotman (Australia) provided (09 May 2011) the latest information concerning 'Adelaide-2012'. Accordingly, the news about the three major events i.e. 63rd International Executive Council (IEC) Meetings, Irrigation Australia Conference and Exhibition and 7th Asian Regional Conference of ICID to be held during 24-29 June 2012 at Adelaide, Australia has been placed in the website.

Responses from others are awaited. The Convener may apprise the Committee.

Item 12 : Any other business

COMMITTEE ON CONGRESSES/CONFERENCES (C-CONGR)**Guidelines for Organizing ICID Congress**

1. ICID Congress is held once in every three years. It is held simultaneously with an IEC meeting. The National Committee that intends to invite an ICID Congress should keep communication with ICID Central Office for getting information on "offer for inviting ICID Congress". Usually, it should be done at least four years before the date of the Congress.
 2. The National Committee should get and complete the proforma for inviting an ICID Congress and send it to the ICID Central Office. The ICID Central Office includes the applications received in the agenda of next IEC Meeting of ICID for discussion. The decision on selection of hosting National Committee for ICID Congress is made in the IEC meeting.
 3. The inviting National Committees should prepare a booklet of invitation and disseminate the invitation in the IEC meeting. The content of invitation booklet should include letter of invitation from the Chairman of National Committee; history and culture of the country; social, economic, climate and tourist information of the country; brief introduction of the hosting city etc. The inviting National Committee may be invited to make a presentation in the IEC meeting to address its conditions and advantages to host the ICID Congress.
 4. After IEC offers a National Committee to host the ICID Congress, the hosting National Committee should prepare three announcements for the Congress over a period. The announcements should be prepared in both English and French.
 5. The first announcement should be disseminated during the immediate next IEC meeting. The contents of the first announcement should include:
 - Venues of IEC Meetings and Congresses, Brief introduction of ICID, Member countries and Year of Joining ICID, letter of invitation from the President of ICID, letter of invitation from the Chairperson of the Congress Organizing Committee, letter of invitation from the Chairman of Host National Committee, important dates to remember, the questions and topics of the Congress, Program outline, Study tour information, Congress Preparatory (Organizing) Committee and preliminary registration form. A logo should be designed for the Congress.
 6. After disseminating the First Announcement, the hosting National Committee should cooperate closely with ICID Central Office to develop the Congress Theme and Scope of Congress Topics. The Second Announcement should be disseminated two years prior to the Congress. Apart from the updated information in the First Announcement, the Second Announcement should include :
 - Call for Papers, Guidelines to authors for preparation of papers accepted by Special Committee, Guidelines to authors for preparing electronic and hard copies, guidelines for preparing abstracts and "summaries and conclusions" of papers for ICID Congresses, proforma to be completed by authors while submitting detailed "summary and conclusions" of proposed paper, and accommodation information.
 7. ICID Central Office appoints General Reporters and Panel Experts for Questions and Special Session to review and select papers.
 8. The Third (final) Announcement should be disseminated one year prior to the Congress. The contents of the Final Announcement should include:
 - Member countries and Year of Joining, Logo of the Congress, Brief introduction of ICID, Letter of invitation from the President of ICID, Letter of invitation from the Chairperson of the Congress Organizing Committee, Letter of Invitation from the Chairperson of Hosting National Committee, List of National Organizing Committee Members, Venues of IEC Meeting and Congress, Key dates, Congress Theme and Scope of Congress Topics, Special Session and Seminars, Lists of General Reporter and Panel of Experts for Questions, Schedule of Preliminary Program,
 - Exhibition information, Detailed Itinerary of Study Tours, Detailed Information on Accommodation, Information on Weather, Currency and Banking, Voltage and Power Supply, Registration Form and Other information as considered relevant for visiting the host country.
-

9. The host National Committee should report progress on the preparation of the Congress at IEC meetings. The hosting National Committee should work out a budget for organizing the Congress and propose standards for registration fees collection. The registration fee for Young Professionals (less than 40 years old) should be reduced by 50%.
 10. The Congress website should be setup three years before the Congress, all kinds of related information should be uploaded on the website and updated regularly. Both online registration and regular registration should be invited and information placed on the ICID website.
 11. Exhibition and National Committee Display need to be arranged. The invitations to exhibitors and National Committee should be widely disseminated.
 12. By keeping, close contact with the ICID Central Office, the final detailed programme should be edited and completed two months before the Congress.
 13. It is recommended that the host National Committee prepare materials to introduce the history and current status related to irrigation, drainage and flood management of the country in English.
 14. The meeting rooms should be well prepared to satisfy the needs of different meetings and offices.
 - The hall capacity for Opening and Closing Ceremony should be for 1000-1500 persons.
 - The hall Capacity for IEC meeting should be for 300 persons.
 - The meeting room capacity for other sessions should be for 50-150 persons.
 - It is necessary to check with ICID Central Office and the Chairpersons of each session to confirm the requirements.
 - The meeting room capacity for ICID Working Groups is 40 - 60 persons.
 - Separate rooms/offices are required for the President of ICID, Secretary General of ICID, Secretariat of ICID, President of National Committee, Secretariat of National Committee, VIP room, computer room for authors / presenters; computer room with internet access for delegates, accompanying person's room, first-aid/medical room etc.
 15. The Multimedia equipments should be well prepared to satisfy the needs of different meetings. The main equipments include computers, projectors and simultaneous translation facilities. The facilities for internet access need to be provided in the Venue.
 16. Delegate satchel needs to be prepared for registered delegates and invited persons; the contents in the satchel include notebook, pen, CD (abstract), gift, detailed programme, name card (badge), etc.
 17. One to two welcome receptions and farewell banquet should be arranged by hosting National Committee considering special diet requirements. Coffee/Tea and some snacks need to be served during Coffee/Tea breaks in the morning and afternoon. The arrangement for working lunch is optional.
 18. National Organizing Committee should assist other National Committees who desire to host a reception or introduce a session for future ICID events.
 19. The National Organizing Committee should assist the delegates in making reservations for travel and accommodation.
 20. Study tours should be arranged for delegates by combining site seeing with technical visits. Special local tours should be arranged for accompanying persons.
 21. The National Organizing Committee should appoint persons to answer the various questions from participants, National Committees, ICID Central Office and other International Organizations.
 22. There is always scope for improvement. The National Organizing Committee can do much more than above to make the event a grand success.
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Agenda for the Eighteenth Meeting of the
ASIAN REGIONAL WORKING GROUP (ASRWG)
 Tehran, Iran
 16 October 2011: 13.30-17.00 hours

Year of Establishment: 1996

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

Members: (1) VPH Dr. Karim Shiati, Chairman, 2006 (Iran, 1997); (2) Prof. Tai-Cheol Kim, Vice Chairman, 2007 (Korea, 2006); (3) Mr. Khem Raj Sharma (Nepal, 1997); (4) Dr. Siripong Hungspreug (Thailand, 1998); (5) Mr. B.M. Yusupov (Uzbekistan, 1998); (6) Mr. T. Anwar Khan (Bangladesh, 1998); (7) Mr. Waseem Nazir (Pakistan, 1999); (8) Mr. Kuo, Sheng-Feng (Chinese-Taipei, 2001); (9) Mr. Sastrodihardjo Siswoko (Indonesia, 2002); (10) Mr. Taner Kimence (Turkey, 2006); (11) VP Shinsuke Ota (Japan, 2006); (12) Mr. Mohd. Abdul Nassir bin Bidin (Malaysia, 2007); (13) Mr. Wang Xiodong (China, 2008); (14) Mr. Ravinder Singh (India, 2009); and (15) Secretary General, ICID.

Permanent Observers/Observers: (i) FAO Representative (Dr. Klaus Siegert); (ii) ICARDA Representative (Dr. Theib Oweis); (iii) VP Dr. W.F. Vlotman (Australia); (iv) INPIM Representative (Mr. David J. Groenfeldt or Mr. Peter P.C. Sun); (v) IRRI Representative (Dr. Tu Phuc Tuong); (vi) IWMI Representative (Mr. Nanda Abeywickrema); (vii) IPTRID Representative (Mr. H.W. Denecke); (viii) World Bank Representative (Mr. Geoffrey Spenser); and (ix) Mekong River Basin Representative.

Website: <<http://www.asrwg.icidonline.org>>

Item 1 : Confirmation of the minutes of the 17th meeting of ASRWG

The minutes of the 17th meeting of the Working Group held at Yogyakarta in October 2010 will be confirmed.

Item 2 : Membership of the Working Group

2.1 New nominations

The following new nominations were received for the membership of the Working Group:

- Dr. Kota Tirupataiah in place of Mr. Ravinder Singh (India)
- Mr. Uttam Raj Timilsina in place of Mr. Khem Raj Sharma (Nepal)

CVs of the nominees will be tabled at the meeting for consideration.

2.2 Deferred nominations

The following nominations were deferred at the Yogyakarta meeting due to non-attendance of the nominees:

- Mr. Hanan Itzkovitch (Israel)
- Dr. Tapas Kumar Biswas (Australia)

In February 2011, the Central Office informed the WG's decision to the above National Committees with a request to confirm the nomination or nominate a fresh member with an assurance that the nominee would either be present during the meeting or represented by the concerned NC. Responses are awaited.

CVs of the above nominees will be tabled at the meeting for consideration. The group may like to discuss and decide the membership at Tehran meeting.

2.3 Non-attendance/contribution

During the Yogyakarta meeting, the group noted that the nominees from Thailand and Uzbekistan have not been contributing to the activities for more than three years. The group suggested that the Central Office may seek fresh nominations from these National Committees.

In February 2011, the Central Office informed the group's decision to these NCs and requested a fresh nomination for the membership of the WG. Responses are awaited.

Attendance sheet of the members at the meetings of the ASRWG held in 2009 and 2010 will be tabled during the meeting.

A. CONTINUING ITEMS

Item 3 : To discuss future Work Plan

3.1 New Country Membership in ICID

The countries in Asia region have been allocated to Vice Presidents for follow-up actions to enhance the ICID membership as shown in **Annex**.

As a follow-up action to bring more Asian countries into ICID fold, the Central Office in January / February 2011 contacted a few countries for the membership of ICID in Asia region which include Bhutan, Cambodia, Kuwait, Lao PDR, Maldives, Oman and UAE. The National Committees of Azerbaijan, Mongolia, Turkmenistan and Yemen whose membership was accepted by the IEC in the past were requested by the Central Office (February 2011) to pay their first subscription to commence their membership formally. Responses are awaited.

The Central Office requested (February 2011) the National Committees of Jordan, Lebanon, Tajikistan and Vietnam to reactivate their ICID membership. VPH Dr. Karim Shiati (Iran) also made contacts (31 January 2011) in UAE and enthused them to become a member of the ICID.

During the Yogyakarta meeting, the Chairman suggested that DPR Korea (North Korea) may be included in the list while sending invitation letters since North Korea is known to be much interested in the water and food security. Accordingly, the Central Office requested (31 January 2011) the Embassy of Democratic People's Republic of Korea in New Delhi to provide the contact coordinates of DPR Korea. Response is awaited.

Muscat informed (8 May 2011) that the membership issue is being taken up with the concerned Omani authorities for consideration.

In response to Central Office's request, Dr. Fadi G. Comair, Director General of Hydraulic and Electrical Resources & President, Mediterranean Network of Basin Organizations (MENBO) from Lebanon has requested for the fees of reactivation of Lebanon National Committee (LEBCID). Accordingly, the Central Office has provided the necessary information about the membership subscription and requested to send the formal letter for revival of membership. Response is awaited.

3.2 Three-year rolling work plan

During Yogyakarta meeting, the group noted that the members of the ASRWG are concentrating their efforts on completing the tasks emerging from Asian Regional Task Force on Climate Change. It was proposed that after releasing the relevant document on the subject at WWF-6, Marseille, France in 2012, members could discuss to organize a new Work Team for the new topic at Adelaide, Australia in 2012.

Item 4 : Website of ASRWG

At Yogyakarta, the Working Group noted the progress made regarding network linkages among the member National Committees. While discussing the matter, the Chairman encouraged all the countries to strengthen the network linkages and act in coordination. The main objective of the group is to develop network linkages between various NCs pertaining to the Asian region. The website of the WG is fully functional <www.asrwg.icidonline.org>. Network linkages with the NCs of Australia, Chinese Taipei, India, Iran, Malaysia, and Thailand have been already established.

The Central Office requested (20 April 2011) all National Committees of Asia region to link their NC website, depicting all the main activities, and provide the web link to the Central Office, ICID. Response is awaited.

Item 5 : Work on the Basin-sharing Model for Mekong River

During the Yogyakarta meeting, the documents received on the basin-sharing model for Mekong River were circulated to the members. At Yogyakarta, Secretary General M. Gopalakrishnan informed the members about further development on the Basin-sharing model for Mekong River.

The Central Office circulated the following documents/ announcement to the members of the group for their information and suggestions/ comments:

- Draft "IWRM based Basin Development Strategy for the Lower Mekong Basin"
- Vacancy announcement for the position of Chief Executive Officer (CEO)
- Hiring international consultant: implementation of the procedures for water use monitoring, Mekong River Commission Secretariat

Dr. Hungspreug/THAICID representative and Er. M. Gopalakrishnan, Secretary General, ICID may like to apprise the WG about further developments on the subject.

Chairman may apprise further status at the meeting.

Item 6 : Linkages with Regional and Transnational Organizations for Cooperation

6.1 International Water Management Institute (IWMI)

During the Yogyakarta meeting, the WG members noted the good collaboration between IWMI and ICID at the New Delhi meeting (2009). During the meeting, National Committees of the Asian region were requested to review the document "*Trends and Drivers of Asian Irrigation*" and provide feedback to the Chairman VPH Dr. Karim Shiati for discussion during Tehran meeting in October 2011.

The Central Office circulated (20 April 2011) the IWMI document "*Trends and Drivers of Asian Irrigation*" to NCs and requested to review the above document and provide comments/ suggestions directly to ASRWG Chairman VPH Dr. Karim Shiati for discussion at Tehran meeting. Response is awaited.

Chairman may apprise further status at the meeting.

6.2 Food and Agriculture Organization of the United Nations (FAO)

6.2.1 Bangkok Workshop (FAO, January 2011)

Secretary General ICID was invited to join the FAO's Regional Workshop on the "*Analysis of Sustainable Water Resource Use*" in the Asia Pacific region during the month of December in Bangkok, Thailand on invitation from FAO. THAICID and ASRWG were also represented in the FAO's Regional Workshop respectively through ICID Vice President Chaiwat Prechawit (*Thailand*) and Dr. Tai-Cheol Kim (*Vice Chair of ASRWG*). Vice Chair ASRWG made a presentation on possible collaboration areas between ICID-ASRWG and FAO-RAP. Secretary General introduced ICID and its significant contributions for the WWF5 coordinating a consortium of over 56 global water organizations. The workshop aimed to identify collectively define and identify issues relating to Sustainable Water Use. It came out that there were more preferences on knowledge pooling by improved information flows and creation of the '*Centres of Excellence*' and '*Knowledge Networks and Partnerships*'.

Representatives from the four Project partner countries who were involved in the FAO's Japanese aided programme – Vietnam, China, Malaysia and Thailand, several international organizations such as UN-ESCAP, ICID, GWP, IUCN, Stockholm Environment Institute (SEI), USAID, AusAID, Regional Groups like ICID- ASRWG, and national organizations such as THAICID, Institute of Technology of Cambodia (ITC), and CEDAC (*Centre d'Etude et de Développement Agricole Cambodgien*) were participating in the event. The aim was set as to collectively chalk out the project roadmap until its completion (*funded by Japan*). Each one of the countries projected certain case studies of their own; the dialogue processes adopted involving different stakeholders and investment framework and priorities while carrying out the project was explained to the audience.

The presentation on ASRWG by Prof. Kim highlighted what the Working Group targets, particularly on issues relating to Climate Change. It brought out possible areas of cooperation with FAO, particularly while ICID addresses them in a few of the topics of forthcoming Congress(es) and annual conferences. ICID delegates pointed out that the synergising several and similar efforts will yield positive results in the ICID network countries in Asia.

Prof. Kim may apprise the WG about main outcomes of FAO workshop in Thailand.

6.2.2 Other FAO Programs

The WG had suggested in the New Delhi meeting (2009) that project programs related to agriculture and water would be developed. During the Yogyakarta meeting, the group suggested that the Central Office may continue contacting Dr. Siegert to explore possibilities of mutual projects.

The Central Office contacted (April 2011) Dr. Klaus Siegert (FAO representative) to explore the possibilities of developing mutual projects/ programs so that it can be discussed during Tehran meeting in October 2011. Since there was no response from Dr. Siegert, the Central Office approached Dr. Pasquale Steduto, Chief, Water Service, Land and Water Division (FAO) and requested to provide the contact details of Dr. Siegert or guide on the subject. Response is awaited.

FAO representative/ Chairman may like to apprise the WG about further developments during the meeting.

6.3 UN – WATER

The group noted that ICID, as one of the partners of UN Water, had been playing an active role upon invitation. The close liaison with UN Water has enhanced ICID's role and visibility in all issues linking agricultural water management, future water challenges with external drivers like climate change, global financial crisis and bio-fuel compulsions.

Secretary General represented ICID in UN (Water) meetings in Stockholm in August 2011 and provided feedback on several meetings of UN (Water) that considered matters of interest to ICID like a new TF on water efficiency, WWF6 inputs etc. ICID has joined the UN-Water Task Force on Water & Climate through WG Climate and TF on Climate Change and Irrigation of ASRWG.

VPH Dr. Shiati is the member of UN-Water TF on Water & Climate and may apprise the members.

6.4 ICID / UNW-DPC Cooperation on Capacity Development in Agricultural Water Management

• Regional Workshops, April 2011

The UN-Water Decade Programme on Capacity Development (UNW-DPC) supported the project consortium to organize two Regional Workshops on the Application of the UNESCO/IHA GHG Measurement Guidelines. The first workshop was convened at the Three Gorges Project Hotel (Yichang, Hubei – China), on 07-09 April 2011, hosted by China Three Gorges Corporation (CTGPC) and the China Institute of Water Resources and Hydropower Research (IWHR). The second Regional Workshop was convened at the Indian Institute of Technology, Roorkee Greater Noida Campus (IIT Roorkee, India), on 04-05 April 2011, hosted by the Alternative Hydro Energy Centre of the Indian Institute of Technology (AHEC-IIT).

• WWD 2011

Dr. Reza Ardakanian, Director, UN-Water Decade Programme on Capacity Development (UNW-DPC) vide his e-mail of 4 April 2011 has forwarded the summary reports of the joint activities held during WWD 2011 in March 2011 in Cape Town (South Africa). UNW-DPC was involved in a number of activities at WWD 2011 like:

- UNW-DPC was represented at the UN-Water booth
 - Launch of the UNW-DPC Book on "Capacity Development for Drinking Water Loss Reduction: Challenges and Experiences"
 - Launch of the UNW-DPC DVD on "Reducing Water Loss in Cities around the World"
-

- Session on Non Revenue Water Reduction: an African Perspective
- Workshop on UN-Water Mapping Exercise on Water Quality
- **UNW-DPC-FAO-ICID Workshop on AquaCrop, October 2010, Yogyakarta**

A two-day synthesis Workshop on “*Improving Farm Management Strategies through AquaCrop: Worldwide Collection of Case Studies*” was held in Yogyakarta on 8-9 October 2010, back-to-back to the 6th Asian Regional Conference (ARC) of ICID. More than 30 participants from 11 countries, professionals from UNW-DPC, FAO and ICID attended the workshop. A new crop model, named AquaCrop, has been developed by FAO. Members are requested to visit the website of AquaCrop at <www.fao.org/nr/water/aquacrop.html> and provide their suggestions on the improvement of the model.

- UNW-DPC scheduled a session on 20 August 2011 at Stockholm when UNW-DPC presented a new version UNW-AIS (UN Water Activity Information System). ICID as UN-Water partner represented through its Secretary General who provided a feedback.

6.5 IUCN Dialogue on ‘Sustainable Management of Transboundary Water Regimes in South Asia

A Dialogue on ‘Sustainable Management of Transboundary Water Regimes in South Asia (including Bangladesh and India) has been launched by IUCN; a project titled ‘*Ecosystems for Life*’ under this initiative shall look into regional Food Security issues linking Water, Climate Change and Ecosystem protection. The funding support is provided by the Government of The Netherlands to IUCN.

The test bed shall be the Ganga Brahmaputra system, one of the fairly large river basin systems in South Asia involving several countries’ interest. The countries to be involved in the consultations as envisaged are Bangladesh and India. Such inter dialogues of global interest involving regional and national groups can help address the issues much better in a basin wide context. A ‘*track 3*’ approach is envisioned to consider multi sectoral and cross cutting issues like water for food, people and ecosystems.

Enhanced water productivity and irrigated agriculture as a tool for poverty alleviation, environmental security and bio-diversity conservation are some of the aspects taken on board initially. IUCN has requested Secretary General Gopalakrishnan to join as a member of the Regional level Advisory Committee (RAC) besides also in National Advisory Committee in respect of India. On 7th February, a meeting of the Regional Advisory Committee took place in Dhaka, Bangladesh for carving out strategies and goals. A second meeting shall be in New Delhi on 16th August 2011. SG shall provide feedback.

6.6 ADB – ICID relationship

Secretary General had very useful discussions with Arjun Thapan on 13 January 2011 during his visit to Delhi. One relates to the ‘*Way forward on the Intensification of Irrigation and Drainage Research to achieve Global Food Security*’. The other key item relates to ‘*Broad basing of ICID membership*’. This inter-alia, covered ICID’s fresh efforts to invigorate the Intensification of Research and Development in Irrigation and Drainage Sector involving its NCs. Dr. Thapan informed about ADB’s efforts to promote better water management in the region and the new initiative through Global Water Resources Group. Preliminary discussions were held on the scope for cooperation in the Research and Development. ADB’s enthusiasm to see ICID’s renewed efforts in promoting innovations in water savings was apparent during mutual exchanges.

Secretary General, ICID had another meeting with Arjun Thapan, Special Senior Advisor to the President for Infrastructure and Water and Vice Chair of the WEF Global Council on Water Security, Asian Development Bank at ICID Central Office on 12 May 2010 with participation of some senior officers of the Govt. of India. The objective of the meeting was to consider the report on India’s water challenge based on the outcome of the World Economic Forum at Davos this year spearheaded by ADB. Dr. Thapan from ADB indicated the prospects of joint work supporting Government agencies and other water related organizations to look at critically future scenarios and options.

ADB subsequently organized a conference on “India Water Dialogue” on 8 July 2010 which was attended by Secretary General. He made special contributions on “Water Use Efficiency in Agriculture” wherein ICID’s WatSave Awards, related issues concerning efficiency’ were also highlighted. Secretary General shall provide feedback and apprise the WG about further developments on ADB/ICID relationship.

6.7 GWP workshop (associating IWMI) in Colombo (February 2011) on “Water for Food Security and Climate Change Challenges”

ICID joined the above workshop on invitation and two presentations one by VPH Gao Zhanyi and another by Secretary General Gopalakrishnan on “*ICID Response to Water for Food Security and Climate Change Challenges*” were made on this occasion. These as well as other presentations that dealt with different aspects of the Challenges that Asia faces in addressing Food Security are available in GWP web site on the workshop. The sessions concluded with a message “No more business as usual” in the face of climate change and food security concerns. The full proceedings are now available in <<http://www.gwp.org/Global/About%20GWP/Publications/Colombo%20Synthesis%20Report%20Climate%20Change%20Food%20and%20Water%20Security%20in%20South%20Asia,%20final.pdf>>.

Item 7 : Possibilities of developing cooperative arrangements with International Society of Paddy and Water Environment Engineering (PAWEES) and International Network of Water Environment and Paddy Fields (INWEPF)

At Yogyakarta, Dr. Kim Tai-Cheol (Korea) briefed the activities of the International Network of Water Environment and Paddy Fields (INWPEF) and International Society of Paddy and Water Environment Engineering (PAWEES) in the meeting. Case studies from Japan, Turkey, and Indonesia were presented.

In 2011, INWEPF Symposium and 8th INWEPF Steering Committee meeting will be held at Penang Island, Malaysia from 1-3 November 2011 to exchange knowledge and experience based on expertise among the INWEPF member countries. The main theme of the Symposium is “*Sustainable Agriculture Water Use and Multifunction of Paddy Fields*.” Scholars and policy makers from local governments and anybody interested in or contributing to the goal of INWEPF missions are invited to contribute papers to the Symposium. Members interested to participate, may contact: Mr. Thian Kim Tai, Assistant Director, Irrigation and Agricultural Drainage Division, Ministry of Agriculture and Agro- Based Industry Malaysia at <ktthian@moa.gov.my>.

Dr. Kim will brief the joint INWEPF-PAWEES Symposium and the activities of the 7th INWEPF steering and the 9th PAWEES meeting held on 26-28 October 2010 in Jeju, Korea.

Item 8 : Asian Regional Task Force on Climate Change and Irrigation (ARTF-CC)

At Yogyakarta, Vice President Dr. Shinsuke Ota (Japan) presented the interim outcome of the Asian Regional Task Force on Climate Change and Irrigation (ARTC-CC) in the meeting. During the meeting, Dr. Harumi Saito (Japan), Mr. Taner Kimence (Turkey), and Dr. Fransisca Mulyantari (Indonesia) presented their case studies. The Chairman urged all members to concentrate their efforts on completing the tasks emerging from Asian Regional Task Force on Climate Change (ARTF-CC). The Central Office has been sending all the case studies received from the National Committees to VP Shinsuke Ota for further synthesis.

In response to Central Office’s request, VP Ota informed (28 April 2011) his intention to make a power point presentation at ASRWG meeting and the ICID Symposium at Tehran. VP Ota forwarded (2 May 2011) the summary of the ARTF-CC activities to Chairman/ Vice Chairman, which will be presented at the ICID Symposium on ‘*Climate Change Impacts on Soil and Water Resources*’. Excerpts from a brief report sent by VP Ota are as follows:

ARTF-CC was set up at the Sacramento meeting of Asian Regional Working Group to study countermeasures to tackle with climate change in the field of irrigation and drainage. It is obvious that countermeasures will vary from country to country, depending upon respective climatic condition and degree of climate change effect as well as socio-economic development stage and present status of irrigation and drainage facilities. Nevertheless, this study aims at finding out some similarity among countries under common conditions and universal ideas lying under various cases, which will be useful and referred to when irrigation/drainage engineers, working as government officials, researchers, practitioners and others, consider practical mitigation/adaptive measures to meet their own conditions related to climate change.

In this regard, following principles are applied –

1. To focus on climatic condition and irrigation/drainage status of each country.
2. To have a wider view covering governance, peoples’ recognition and social movement and local practices in addition to science and technology.

3. To collect a variety of case studies taking geographical distribution into consideration
4. To extract keys for success really useful to find out appropriate countermeasures.

The study was carried out in two ways viz. (1) Firstly the Task Force sent a questionnaire asking about situations and policies of each country regarding climate change in the field of irrigation and drainage, and (2) Secondly, a format was prepared to briefly explain each case and sent to member countries for filling-out. Components in the format were group and field, background, purpose and goal, present situation, effect & result and keys for success. So far, 11 countries have participated in this study and have submitted 14 cases.

The results available so far will be compiled in a draft report and will be presented during the Tehran meeting. The final report will be prepared for the 6th World Water Forum to be held in Marseille in 2012. The essence of the study will also be presented in the ICID Symposium on '*Climate Change Impacts on Soil and Water Resources*' at Tehran, in order discuss the emerging issues and enrich the contents.

VP Ota may apprise the WG about further developments during the meeting.

Item 9 : Outcome of 6th Asian Regional Conference

The 6th Asian Regional Conference (ARC) under the theme '*Improvement of Irrigation and Drainage Efficiency through Participatory Irrigation Development under Small Land Holding Conditions*' was successfully held on 14-16 October 2010 at Yogyakarta, Indonesia. In most Asian countries, food security involves provision of irrigation services to many smallholders with landholding sizes often considerably less than one hectare, especially in densely populated countries like China, India, Pakistan, Iran, Bangladesh and Indonesia. Most of the staple food in the region is produced by these smallholders. A smallholder focus in the region is therefore a prerequisite for successful irrigation management, efficient water use and food security. For such smallholder focus, a better understanding is required not only of their present socio-economic situation within the institutional, technical and management environment of irrigated agriculture in which they operate, but also of the trends that influence irrigated agriculture in general and their future livelihoods in particular. For conclusions and recommendations emerged from the 6th ARC, please access the website at <http://www.icid.org/decl.html#yogya_out>.

Item 10 : The 7th Asian Regional Conference

At Yogyakarta, Mr. Ian Moorhouse (Australia) made a presentation on the general information including the water management of Murray-Darling Basin and the preparations of the 7th ARC under the theme of "*Regional cooperation for water and food security*" in Adelaide, Australia from 23 to 28 June 2012. All members are requested to participate in the conference by submitting papers for the conference.

The Central Office requested (28 April 2011) the Australian National Committee to make a power point presentation on the preparations of the 7th ARC during the Tehran meeting in October 2011. VP Dr. Vlotman has informed (16 May 2011) the Central Office that he or somebody from Australia will make presentation on preparations/Theme etc at Tehran meeting.

B. NEW ITEM

Item 11 : The 8th Asian Regional Conference

The Turkish National Committee (TUCID) will organize the 8th Asian Regional Conference in 2012 at Turkey.

Representative from TUCID Mr. Taner Kimence may provide more details about the conference.

Item 12 : Any other business

- **ASIA 2012, March 2012, Thailand**

The ASIA 2012: 4th International Conference and Exhibition on "Water Resources and Renewable Energy Development in Asia" will be held from 26-27 March 2012 at Chiang Mai, Thailand. A major technical exhibition will take place alongside the ASIA 2012 Conference, at which international consultants, developers, contractors and suppliers will showcase their expertise in the fields of water infrastructure, hydropower equipment, monitoring systems, planning software, power plant components and many other things.

- **2nd Asia-Pacific Regional Synthesis meeting, July 2011, Singapore**

The 2nd Asia-Pacific Regional Synthesis meeting was held in Singapore on 9 July 2011. Prof. Tai Cheol Kim, Vice Chair of the group vide his e-mail of 7 June 2011 has invited the attention of the Chairman towards ASRWG's participation and contribution to the 2nd APWS and WWF-6.

Prof. Kim informed (14 June 2011) that he was unable to participate in the above meeting due to his prior engagements.

- **Japanese Water Forum Fund (JWF Fund) 2011**

The JWF invited applications from grass-root organizations in developing countries for the JWF Fund 2011. The submission period for the application was 13-27 July 2011 and offered a grant of US\$ 1000 per project/organization. The eligible applicants were grass-root organizations in developing countries involved in resolving water and sanitation problems. This information has been circulated to ICID NCs.

- **Abu Dhabi Dialogue Knowledge Forum's Small Grants Program**

In February 2011, the International Centre for Integrated Mountain Development (ICIMOD) invited participants for Abu Dhabi Dialogue Knowledge Forum's '*Small Grants Program Launch Workshop*' held in Kathmandu in the first week of March 2011. The Central Office circulated (3 February 2011) the announcement among all Chairs of NCs of Afghanistan, Bangladesh, China, India, Nepal and Pakistan with a request to get in touch with ICIMOD. In response, NENCID informed that they are in contact with the ICIMOD.

- **Asia-Pacific Water Summit (APWF)**

On behalf of ICID, Prof. Tai Cheol Kim, Vice Chairman of the ASRWG participated in the 1st Asia-Pacific Regional Synthesis meeting for the 2nd Asia-Pacific Water Summit and the 6th World Water Forum held in Bangkok on 21-22 April 2011. The meeting was held at the United Nations Conference Centre (UNCC) at Bangkok, co-organized by the Department of Water Resources, Ministry of Natural Resources and Environment of the Kingdom of Thailand (MNRE) and the Asia-Pacific Water Forum (APWF), and hosted by the Economic and Social Commission for Asia and the Pacific (ESCAP).

The meeting provided the opportunity for APWF members to:

- Confirm the regional process for the 2nd Asia-Pacific Water Summit and the 6th World Water Forum.
- Define sub-themes of the 2nd Asia-Pacific Water Summit and invite parallel session organizers of each sub-theme.
- Define Regional Targets and invite Regional Target Coordinators for development of solutions (concrete initiatives) to achieve those Targets according guideline for the regional process of the 6th World Water Forum.
- Finalize the first announcement of the 2nd Asia-Pacific Water Summit.
- Discuss how to coordinate the regional inputs to thematic and political processes of the 6th World Water Forum.

On June 16, a briefing session on the 2nd Asia-Pacific Water Summit for diplomats took place at the Four Seasons Hotel in Bangkok, Thailand. It was organized by the Department of Water Resources of the Ministry of Natural Resources and Environment of Thailand. Representatives from embassies of 20 countries in Asia and the Pacific region attended.

ASIAN REGIONAL WORKING GROUP (ASRWG)**Allocation of Asian and Oceania countries amongst Vice Presidents, ICID**

Vice President	Name of countries allocated during the period 2010-2011				Total
	Active	Deemed inactive	Admitted but not paid subscription	New ones to be liaised	
Dr. Mrs. Samia El-Guindy (Egypt)	-	-	-	Kuwait, Oman United Arab Emirates	3
Mr. Shinsuke Ota (Japan)	China, Japan, Korea	-	Mongolia	DPR of Korea Laos Republic	6
Dr. Willem F. Vlotman (Australia)	Australia, Fiji	Vietnam, New Zealand	Yemen		5
Mr. A.K. Bajaj (India)	Afghanistan, Bangladesh, Chinese Taipei, Kazakhstan, Iraq, Myanmar, Nepal, Sri Lanka, India and Uzbekistan	-	-	Bhutan, Maldives	12
Engr. Husnain Ahmad (Pakistan)	Iran, Kyrgyzstan, Syria, Turkey, Saudi Arabia, Pakistan	Jordan, Lebanon, Tajikistan	Azerbaijan Turkmenistan	-	11
Mr. Chaiwat Prechawit (Thailand)	Malaysia, Philippines Thailand, Indonesia	-	-	Cambodia Papua New Guinea	6
Dr. Ragab Ragab (United Kingdom)	Israel	-	-	-	1
Total	26	5	4	9	44

Agenda for the Second Meeting of the
**WORKING GROUP ON 'IRRIGATION AND DRAINAGE IN THE STATES UNDER
 SOCIO-ECONOMIC TRANSFORMATION' (WG-IDSST)**
 Tehran, Iran
 16 October 2011: 13.30-17.00 hours

Year of Establishment: 2009

Completion of the Mandate 2015

Mandate:

- to develop and strengthen the network among the countries of transition;
- to organize monitoring and evaluation of common problems in the States that belong to transition economy;
- to create database and exchange of information about changing situation in Irrigation and Drainage in these States and to attract global and national attention to existing trends affecting global and national food security and wellbeing of rural population;
- to summarize the experiences in overcoming negative tendencies in organizing public-private partnerships, implementation of IWRM and broad-basing of stakeholder;
- to monitor the ecological situation in the transition states, including problems of closed basin (Aral Sea, Caspian Sea), salinization and water logging, etc.;
- development of appropriate advance irrigation and drainage technology in transition states and its dissemination through capacity building; and
- to promote farmer's training to create awareness about irrigated and drainage agriculture.

Members: (1) VPH Prof. Peter Kovalenko, Chairman (Ukraine, 2009); (2) VPH Dr. Victor A. Dukhovny, Deputy Chairman (Uzbekistan, 2009); (3) Ms Kateryna Shatkovska, Secretary (Ukraine, 2010); (4) Mr. John Osterberg (USA, 2009); (5) Prof. Dr. N. Hacho (Japan, 2009); (6) Engr. M.S. Adamu (Nigeria, 2009); (7) Acad. Boris Kizyaev (Russia, 2009); (8) Mr. Ron W. Coley (Canada, 2009); (9) Mr. M. Falciai (Italy, 2009); (10) Mr. Bernard Vincent (France, 2009); and (11) Secretary General, ICID.

Permanent Observers/Observers: (i) Prof. Daene C. McKinney (IWRA); (ii) IPTRID/FAO Representative; and (iii) World Bank Representative.

Website: <<http://www.icwc-aral.uz>>

Item 1 : Confirmation of the minutes of the 1st meeting of the Working Group

The minutes of the 1st meeting of the Working Group held at Yogyakarta in October 2010 will be confirmed.

Item 2 : Review of the membership of the Working group

2.1 Nomination

No new nomination has been received by the Central Office for the membership of the group.

The nomination of Mr. Ernazarov Nazimjon (Uzbekistan) as an Observer was deferred at Yogyakarta (2010) meeting due to his non-attendance. The Central Office has requested (4 February 2011) Uzbekistan National Committee (UzNCID) to confirm the nomination for reconsideration at Tehran meeting or send a fresh nomination. Response from UzNCID is awaited.

Chairman may apprise the members.

2.2 Existing membership

During the Yogyakarta (2010) meeting, Chairman VPH Prof. Kovalenko proposed to involve all members who were in ST-ARAL to participate in the new group. During the meeting, Chairman also suggested to request for new nominations and proposed to use the ICID events for disseminating information of the group. It was proposed that the National Committees of Ukraine and Uzbekistan would prepare the necessary short information for publishing it in the ICID News and on the website of ICID.

The Central Office requested (21 April 2011) the National Committees of Ukraine and Uzbekistan to prepare a brief note towards inviting nominations for the membership of the group and circulate it among all NCs. Responses from them are awaited.

Item 3 : Develop and strengthen the network among the countries of transition

At Yogyakarta (2010) meeting, the group discussed and proposed the following actions for the implementation of possible actions in the frame of WG-IDSST activities to develop and strengthen the network among the countries of transition:

- Forming a core executive team of the WG with its base in the Ukrainian and Uzbek National Committees of ICID;
- Establishing permanent communications between the Chairman, the Vice Chairman and the Secretary of the WG as well as with the most active members of the group for the strategic planning of WG activities;
- Establishing permanent communication links by email and an Internet portal (viz. LinkedIn) between the WG members and other interested parties;
- Exchanging information pertains to the field of activities of members' organizations (viz. projects, activities, publications);
- Analyzing and identification of common and specific problems in irrigation and drainage sphere by comparison of transformation processes and current situations in the countries which have already passed or still are under the influence of social-economic transformation processes. With that goal in view a questionnaire for monitoring and evaluation of the problems in the sphere of irrigation and drainage has been formulated (see item 4); and
- Developing a proposal for implementation of a small project with regard to the capacity building of the WG activities which is supposed to consist of an analytical information part and organization of WG workshop combined with one of the European ICID events in March or May 2011, when the 24th and 25th European Conferences of ICID will be held in France and in the Netherlands. The expected results of the project will be a consolidation of networking activities within the WG and drafting the proposal for a larger joint project.

In order to accomplish the above tasks, it was proposed to assign the duties and responsibilities among members of the WG. In this regard, the Central Office requested (21 April 2011) the Chairman to assign the duties and responsibilities among members of the WG so as to carry forward the agenda of the WG. Response is awaited.

The Central Office also requested (9 March 2011) Chairman VPH Prof. Kovalenko to finalize the project proposal for discussion during the Tehran meeting. In response, VPH Prof. Kovalenko informed the Central Office that the proposal has been submitted to the FAO project "To develop an integrated framework for adaptation of irrigated agriculture to the climate change and social-economical transformations in the countries under transition".

VPH Prof. Kovalenko also informed the Central Office that he has done some preparatory work during 25th European Regional Conference (May 2011) towards the Workshop of WG-IDSST.

Chairman will apprise further progress at Tehran meeting.

Item 4 : Monitoring and evaluation of common problems in States with transition economy

At Yogyakarta (2010) meeting, Chairman proposed two types of formats for monitoring and evaluation of the current situation in the member countries and identification of common and specific problems. During the meeting, Chairman circulated the draft formats and requested members for their remarks/ supplements/ corrections on the draft. After making a final version of the format of the document it will be circulated to all member countries for filling-up. After collecting and analyzing the filled in formats, a special document with the description of specified

common problems and features will be developed in the frame of a small WG project (see Item 3) and further presented at the WG workshop.

In March 2011, the Central Office informed the above to the Chairman and requested to finalize the draft format so that the same can be presented and discussed at WG workshop. In response, Chairman VPH Prof. Kovalenko informed that the document is being prepared on common and specific problems and their features in the countries under socio-economic transformation and will be presented at the workshop of WG-IDSST during 25th European Regional Conference (May 2011).

VPH Prof. Kovalenko may apprise further progress to the members at the meeting.

Item 5 : Create database on Irrigation and Drainage in the countries of transition

During the Yogyakarta (2010) meeting, it was proposed that for creating data and knowledge base, use the experience of the CAREWIP project and other international projects. It was also proposed that this task can be incorporated in the project proposal that will be developed in the frame of the small capacity building project.

Chairman may apprise further status at the meeting.

Item 6 : Develop public-private partnerships and implementation of IWRM

At Yogyakarta (2010) meeting, the group discussed about the good practices of public-private partnership in the sphere of irrigation and drainage and within the IWRM projects in different countries will be organized. The process of identification and analysis of the most efficient economical and organizational tools and approaches on PPP will be organized and used for the Guidelines or general WG publications later on. The experiences of developed and developing countries will be welcomed. For this purpose, the group proposed to get into contact with the other ICID Working Bodies.

Chairman may apprise further progress at the meeting.

Item 7 : Identify and monitor problems (ecological situation) of closed basins

During the Yogyakarta (2010) meeting, Chairman Prof. Kovalenko proposed to use the Aral basin countries' experience as background information for starting discussions on the problems in different closed basins which are the objects of national or international importance in different European and Asiatic countries. The above mentioned format of water management issues can help to indentify the possible hot spots and promote with the discussions on the ecological problems typical for the closed basins. Chairman proposed to use this format to start such a discussion. Later on, one could see whether we should organize a separate project for formulating policy messages on this subject or make some joint publications on this issue in frame of a separate small project. Chairman also informed that he has a great chance to cooperate with another big initiative at the European level called "Europe INBO".

Chairman may apprise further progress at the meeting.

Item 8 : Development of appropriate advanced irrigation and drainage technologies

At Yogyakarta (2010) meeting, the following strategic questions were proposed:

- innovations in water and energy saving technologies;
- integration of GIS, modeling and land survey in new type of DSS for water management in irrigation and drainage and evaluation of its efficiency;
- technologies for intensive and extensive irrigation; and
- advanced constructions, materials and technologies for irrigation.

Chairman proposed to get in contact with the other WGs of ICID to accumulate all available knowledge and experiences on development and implementation of innovations in the sphere of irrigation and drainage research and practical work. In this case, he would try to develop the matrix of innovative products that can be recommended for implementation in the countries in the course of different tasks solving.

Chairman may apprise further progress on the above at the meeting.

Item 9 : Create awareness about irrigated (drained) agriculture (capacity building)

At Yogyakarta (2010) meeting, the group discussed in detail to create awareness about irrigated (drained) agriculture (capacity building) among members. It was recommended to collect the information with regard to worldwide capacity building methodologies and tools: international and national dialogues, regional platforms, development of advisory services, role of NGOs, methodology on involving stakeholders, development of water governance, training facilities etc. during the meeting, Chair requested all members to provide such information as available in their country so that he can analyze and make suitable recommendations for increasing awareness and select the most suitable approaches for the conditions of the transition countries in view of their specific cultural and social- economic needs. The Central Office requested (28 April 2011) member NCs to provide the available information to VPH Prof. Kovalenko so that he can analyze and place the outcome for discussion during the Tehran meeting. Response is awaited.

During the Yogyakarta meeting, involvement of young professionals' and exchange of information in the WG activities was discussed. Chairman requested NCs to nominate one young professional from each NC to participate in the activities of the WG. Later the Chairman may try to organize an international summer school for the young professionals involved in the WG activities.

The Central Office requested (21 April 2011) all member National Committees (in WG-IDSST) to nominate a young professional and send their CV for consideration at the Tehran meeting. Response is awaited.

Chairman may apprise further progress at the meeting.

Item 10 : Any other business

Certificate of advance studies (CAS), 2011-2012, Switzerland

The Central Office circulated (9 December 2010) the announcement of the program of Certificate of Advanced Studies (CAS) on the topic "Integrated Water Resource Management in the context of Developing and Transition countries" to all members of the WG and requested to get in touch with Katja Zuber <wb.ahb@bfh.ch> or access their website <<http://www.ahb.bfh.ch/ahb/en/Weiterbildung/cas/> for more information>.

Agenda for the Seventeenth Meeting of the
EUROPEAN REGIONAL WORKING GROUP (ERWG)
 Tehran, Iran
 17 October 2011: 09.00-12:30 hours

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: (1) Vice President Dr. Laszlo Hayde, Chairman (2010) (Hungary, 2005); (2) Vice President Hon. Prof. Dr. Peter Kovalenko, Vice-Chairman (2005) (Ukraine, 1999); (3) Dr. Irina Bondarik, Secretary for Russian Speaking Countries (Russia, 2010); (4) VPH Dr.- Ing. Eiko Luebbe (Germany,2002); (5) Vice President Hon. Prof. Dr. Brane Maticic (Slovenia, 1996); (6) Dr. Michele Angelo Cuccaro (Italy,1996); (7) Prof. Dr. Ion Nicolaesco (Romania, 1996); (8) Mr. Pedro Eduardo da Cunha Serra (Portugal,1996); (9) Mr. Nicos Tsiourtis (Cyprus, 1996); (10) Prof. Dr. Svatopluk Matula (Czech Rep., 1997); (11) Dr. Antanas Maziliauskas (Lithuania, 1997); (12) Dipl.-Ing. Frederick M. Cate (Austria, 1998); (13) Vice President Hon. Dr. Ricardo Segura (Spain, 1999);(14) Mr. Jaakko Sierla (Finland, 2001); (15) Dr. Davor Romic (Croatia, 2002); (16) Mr. Mati Tonismae (Estonia, 2002); (17) Prof. Dr. A. Poulouvassilis (Greece, 2003); (18) Dr. John Martin (Ireland, 2003); (19) Mr. Peter Pantelic (Serbia, 2003); (20) Mr. Pol Hakstege (The Netherlands, 2007); (21) Dr. Irina G. Pankova (Russia, 2007); (22) Mr. Claude Alain Vullier (Switzerland, 2007); (23) Dr. Sami Bourfa (France 2010); and (24) Secretary General, ICID.

Member Honoraire: President Honoraire Peter Lee (UK).

Observer: (i) Mr. Mohammed Binbilidia (IME, France); Prof. Dr. Joachim Quast (Germany).

Ex-Officio Members: (i) VP Prof. Dr. Peter Kovalenko (Ukraine), Chairman, ERWG Work Team on Sustainable Irrigation Management; (ii) VPH Dr. G.G. Gulyuk (Russia), Chairman, ERWG Work Team on Drainage; (iii) Chairman ERWG Work Team on Water Related Risk Analysis (to be appointed)

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

Item 1 : Confirmation of the minutes of the 16th and the Interim meetings of the Working Group

The minutes of the 16th meeting of the Working Group held on 12 October 2010 at Yogyakarta (Indonesia) will be confirmed.

The minutes of the Interim Meeting of the Working Group held on 17 May 2011 at Groningen (The Netherlands) will be confirmed.

Item 2 : Review of membership of the Working Group

The ICID Central Office requested (26 May 2011) the British National Committee of ICID (ICID.UK) to send a fresh nomination of a professional for the membership of the European Regional Working Group (ERWG) for consideration. Response is awaited. However, PH Peter S. Lee has actively and devotedly participated in the activities of ERWG in the last several meetings, as Member Honoraire.

The ICID Central Office requested (26 May 2011) the French National Committee of ICID (AFEID) to send a nomination. The French National Committee temporarily nominated Dr. Sami Bouarfa as a member of the WG until a final decision of the General Assembly of AFEID is announced. Response is awaited.

Prof. Joachim Quast (Germany) vide his e-mail of 8 May 2011 has informed that he will not be attending the Tehran meetings due to unclear funding.

The National Committees of Belgium, Bulgaria, Poland and Slovak Republic have become inactive in the past. The Central Office is in contact (25 July 2011) with these National Committees for their reactivation. The Central Office has also invited (25 July 2011) Albania, Belarus, Bosnia & Herzegovina and Moldova, for ICID membership. VP

Laszlo Hayde was in negotiation with Bulgaria and recently contacted Macedonia for their return to ICID. Responses are awaited.

2.1 Election of New Secretary

VPH Dr. Eiko Lübbe (Germany) has been the Chairman of the ERWG since 2002 and during the 16th meeting of the European Regional Working Group (ERWG) held on 12 October 2010 in Yogyakarta, Indonesia he stepped down from the duties of Chairmanship.

Since VP Laszlo Hayde had been elected as the Chairman of the ERWG during the 16th meeting of the European Regional Working Group (ERWG) held on 12 October 2010 in Yogyakarta, Indonesia and since he was the previous Secretary of the ERWG since 2005, new Secretary has to be elected as well. Dr. Irina Bondarik has been elected also during the 16th meeting of the European Regional Working Group (ERWG) held on 12 October 2010 in Yogyakarta, Indonesia, as a second Secretary of the WG, to take care of the Russian speaking countries. Since a Working Group normally has only one Secretary, it is proposed to include Dr. Bondarik as an Observer and assist the WG with Russian speaking countries. This would also comply with 52nd IEC (2001) decision of "*not more than one membership from one country should normally be maintained*".

Following the discussions in Yogyakarta, Central Office invited (26 May 2011) proposals / expression of interest from the representatives of the National Committees in the European Regional Working Group. The Finnish National Committee has nominated for this position Mr. Olli-Matti Verta (Finland) in their letter dated on 28 June, 2011. He has been present in the Interim Meeting where he has introduced himself, however the present 17th meeting of the European Regional Working Group (ERWG) in Tehran, Iran has to officially approve his nomination. CV of Mr. Olli-Matti Verta will be made available during the meeting for consideration.

Before the formal approval of the nomination, the Chairman will inform the members on the January-February, 2011 e-mail exchange between him and the Central Office on the rules and regulations.

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

At Yogyakarta, the Chairman apprised the members on new developments / cooperation, especially with regard to European Water Association (EWA), the International Commission for Protection of the Rivers Rhine, Danube, and Odra. The ERWG network includes 7 National Water Management Associations (**Annex 1**).

The ongoing contacts have been renewed with the UN-Water Decade Programme on Capacity Development (UNW-DPC). ICID-UNU co-operation commenced in 2009 with an activity in Tehran – organized by UNU with cooperation from IRNCID and would continue.

A side event by FAO/UNW-DPC /ICID during 8-9 October 2010 at Yogyakarta, Indonesia was organized under the Framework of Cooperation between FAO / UNW-DPC / ICID as a follow-up of the MoU. The goal of this event was to provide an overview of the most strategic applications of 'Aqua Crop' model of FAO in different agro-climate conditions. More information can be accessed at <www.unwater.unu.edu>.

Item 4 : Dialogue on Water for Food and Environment

At Yogyakarta, it was agreed that the ICID-ERWG, Central and Eastern Europe Global Water Partnership (CEE-GWP) and World Wide Fund and Nature (WWF) will continue to co-operate with each other and share invitations for conferences organized by ICID like European Regional Conferences and International Drainage Workshops.

ERWG members continued the dialogue on the topic on WFD implementation through tools of the Common Agriculture Policy in the year 2007-2013. The new Directives can be accessed at the following website:

<<http://ec.europa.eu/environment/water/>>

The Central Office is in contact (26 May 2011) with Chairman and members of the WG on the subject. Responses are awaited.

The Chairman may apprise the members on the progress, if any, on the dialogue process.

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

The idea of merging of Drought and Flood Work Teams under the frame of Risk Management was proposed (2007) by Dr. Vermes (Hungary). After detailed discussions on the proposed aims, the WG accepted the idea of merging European Work Team on Drought (EWTDRO) and European Work Team on Floods (EWTFLO) to create a new

Work Team under the name Work Team on Water Related Risk Analysis (EWTWRA). The WG deliberated on the new mandate of the Work Team during New Delhi (2009) and Yogyakarta (2010) meetings and agreed to consider the impacts of extreme events on agricultural production at situations of water scarcity and inundation and to develop risk mitigation strategies. Agreeing to the importance of the WT, Dr. Sandor Szalai (Hungary), President of HUCID agreed kindly to provide an initial work plan which has been distributed in the Yogyakarta (2010) meeting and is attached to this Agenda as **Annex 2**. Comments and additional ideas have been requested from the members and their National Committees till the end of the year 2010. However, no responses have been received so far.

The Central Office has invited (26 May 2011) nominations from member countries in ERWG for membership of the new Work Team. Responses are awaited.

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

The German National Committee of ICID (GECID) has nominated (20 July 2011) Dipl. Ing-Agr. Sabine Walser (Germany) for the membership of European Work Team on Sustainable Irrigation Management (EWTSIM). CV of Dipl. Ing-Agr. Sabine Walser will be made available during the meeting for consideration.

The document on "*Irrigation Sector Reform in Central and Eastern European Countries*", based on the project results (Phase I), has been published (2006) and distributed as a hard copy and CD-ROM. Vice President Hon. Prof. Peter Kovalenko (Ukraine) distributed a new proposal for the Phase-II of the project "*Irrigation Sector Reform in Central and Eastern European Countries*", prepared by the Ukrainian National Committee and President Hon. Bart Schultz (The Netherlands). Due to financial constraints, this could not be taken up and has been postponed.

VPH Kovalenko has contacted GTZ to explore funding opportunities. The new report (incorporating new irrigation technologies, water saving, efficiency, etc.) may serve as a "manual" for GTZ to raise awareness.

The Central Office contacted (26 May 2011) PH Bart Schultz and VPH Peter Kovalenko for an update, if any, on the above developments. Responses are awaited.

Prof. Kovalenko may apprise the members.

Item 7 : European Work Team on Drainage (EWDRA)

Future activities of the Work Team were deliberated in New Delhi (2009). The International Drainage Workshop at Helsinki / Tallinn in 2008, had focused on drained non-chernosem soils.

The ICID Central Office is in contact (26 May 2011) with Vice President Hon. Dr. Georgi Georgievich Gulyuk (Russia), WT Chairman for the full list of other activities of the WT for consideration during the Tehran (2011) meeting. Response is awaited.

VPH Dr. Gulyuk may apprise the WG.

Item 8 : Conferences supported by ERWG

- **Feedback from the 24th European Regional Conferences (ERC), Orléans, France**

The 24th European Regional Conference of ICID on the theme "*Groundwater Resource: An Essential Resource to be Saved and Managed*" was successfully held on 14-16 March 2011 in Orléans, France. The Conference was attended by 300 participants from 20 countries and more than 100 papers were presented and deliberated in two plenary sessions – Key Notes presentations and Beauce session and under six parallel topics.

The Keynote Session was inaugurated by President Prof. Dr. Chandra Madramootoo who spoke on global trends in the usage of the groundwater reserves and resulting pressures from overexploitation.

Dr. Margat, a world-renowned Hydro-geologist, Pr. Ghislain de Marsily, an eminent Hydrologist & Member of the French Academy of Science, Pr. B. Barraqué, Political Scientist and Economist with the French Centre International de Recherches sur l'Environnement et le Développement and Dr. Marcel Kuper on behalf of Dr. T. Shah, Senior Fellow of IWMI have made presentations during the Conference. These covered (i) the evolution of water management in Europe, and (ii) the status of groundwater resources moving from private to a common resource under Public Trust. The plenary 'Beauce session' looked exclusively into the development of irrigation in the French region of Beauce, an important region for grain production in France, and the system progressively put in place to manage volumetric demands on the aquifer. Five presentations provided different points of view on a 'shared

challenge'. The other key issues of groundwater management were addressed through paper presentations made under six topics.

The Proceedings and the presentations of the conference are available on the Conference website: <http://www.groundwater-2011.net/program_and_proceedings>.

Dr. Sami Bourfa (France) may wish to provide more details.

- **Feedback from the 25th European Regional Conference of ICID, 2011, The Netherlands**

ICID's 25th European Regional Conference on the theme "Deltas in Europe : Integrated water management for multiple land use in flat coastal areas" was successfully held on 16-20 May 2011 in Groningen, The Netherlands, hosted by The Netherlands National Committee of ICID (NETHCID) and co-hosted by the German National Committee of ICID (GECID). The Conference was attended by 150 participants from 24 countries and more than 57 papers were presented and deliberated in 11 Keynote presentations, several workshops and under four parallel topics. Three keynotes gave overviews of water management institutional arrangements in The Netherlands and Germany. ICID President Prof. Chandra Madramootoo (Canada) sketched a number of key global water management challenges facing the world.

The papers and keynote presentations are available on the conference website:<http://www.icid2011.nl/>

Mr. Pol Hakstege (NETHCID) may wish to provide more details.

- **11th International Drainage Workshop (IDW)**

The ICID's 11th International Drainage Workshop (IDW) will be hosted by the Egyptian National Committee of ICID (ENCID) during 23-27 September 2011 at Cairo, Egypt, with the support of the ICID Working Group on Drainage (WG-DRG). The main theme of the workshop is '*Agricultural Drainage Needs and Future Priorities*' under which six topics and 27 subtopics will be addressed. The first announcement and call for papers of the 11th IDW has been issued and widely circulated amongst ICID National Committees and International Organizations for dissemination amongst potential participants.

The 11th IDW will be organized under the guidance of VPH Prof. Dr. M.H. Amer, Chairman of ENCID (Email: encid@link.com.eg). Please access announcement of 11th IDW at <<http://www.encid.org.eg/idw11>> for more information.

The representative from ENCID may wish to apprise the members about the preparations and detailed planning of the 11th IDW.

- **12th International Drainage Workshop**

At Yogyakarta meeting, it was proposed by the National Committee of the Russian Federation on Irrigation and Drainage (RuCID) to host the 12th International Drainage Workshop (IDW) in June 2014 at St. Petersburg, Russia.

The ICID Central Office is in contact (03 March 2011) with RuCID to send the progress, if any, on the developments of the workshop. Response is awaited.

Dr. Irina G. Pankova (Russia) may wish to apprise the members about the preparations for the 12th IDW.

- **6th World Water Forum**

The 6th World Water Forum will be hosted by Europe and will take place in Marseille, from 12 to 17 March 2012.

The Chairman will apprise the member on the past related events and on the preparations.

Item 9 : ERWG Letter Editorial Board

The '*ERWG Letter 20*' was published (2010) and circulated among the members of the ERWG in Yogyakarta. Former ERWG Letters can be viewed at <<http://www.erwg.icidonline.org>>.

During the 16th meeting of the Working Group held on 12 October 2010 at Yogyakarta (Indonesia) VPH Dr. Eiko Lübbe informed the WG that the Secretariat of GECID at ZALF will close down its activities in view of retirement of Prof. Dr.-Ing. Joachim Quast who was responsible for preparing the ERWG letters all these years. During 15 years 20 issues have been prepared.

ERWG appreciated the hard work of the Editorial Team, especially the Editorial Board members, mainly VPH Dr. Eiko Lübbe and Prof. Joachim Quast for preparing and publishing the ERWG Letter so regularly and on time year after year.

Due to the above developments, the National Committees in ERWG were and are still cordially invited to offer their proposals for the future work on the ERWG Letter.

Chairman may further apprise the WG.

Item 10 : Young Professional Fora

The Young Professional Fora have been routinely organized during the European Regional Conferences in the past and it has been observed that the responses of Young Professionals were always overwhelming.

The Young Professional Fora were successfully organized during the 24th and 25th ERCs in March and May 2011 at France and The Netherlands, respectively.

The Chairman or the organizers of the ERCs may apprise the WG.

Item 11 : Any other business

- **Henri Tardieu Award**

Central Office had received (07 January 2011) the information from Vice President Hon. Alain Vidal (France) to establish a tool to perpetuate the memory of the distinguished Vice President Hon. Henri Tardieu. AFEID has decided to create a "*Henri Tardieu Award*" annually.

ICID President Dr Chandra Madramootoo appreciated the AFEID efforts in creating this award and expressed the need for a decision in the Management Board (MB).

- **New Programme on Land Reclamation – RuCID**

Central Office received the information (8 February 2011) from Russian National Committee on Irrigation and Drainage (RUCID) that the RUCID would be intensifying its activities in ICID with the support of Ministry of Agriculture of Russian Federation. It was seen that they have to strengthen the new programme on land reclamation in the Russian Federation next year. We expected that Mrs. Elena Skrinnik, Hon'ble Minister of Agriculture of the Russian Federation may join the Russian delegation for the upcoming 21st Congress in Tehran and provide an excellent opportunity to meet with ICID management and Chair-persons of various National Committees.

- **Change in structure and hosting of the Secretariat of GECID**

The Chairman of GECID has informed ICID Central Office and ERWG on changes taking place in 2011: The German Secretariat has moved from ZALF Muencheberg to vTI in Braunschweig.

German National Committee of ICID (GECID), Prof. Dr. Klaus-Dieter Vorlop (Secretary), Bundesallee 50 D-38116 Braunschweig, Phone: ++49 531 596 4102; Fax: ++49 531 596 4199; Email: gecid@vti.bund.de

The new Secretary replacing Prof. Quast is Prof. Dr. Klaus-Dieter Vorlop, Head of the Institute of Agricultural Technology and Biosystems Engineering within vTI. More information about vTI and its Research Institutes you can find under <www.vti.bund.de>.

The new Chairman of GECID replacing VPH Eiko Lübbe is Mr. MinR Theo Augustin from the same department in the ministry.

- **Change in structure and hosting of the Secretariat of NETHCID**

The Secretary of NETHCID has informed ICID Central Office and ERWG on changes taking place in 2011:

The new Secretary for NETHCID replacing Mr. Pol Hakstege is Ir. Gerrit van Vuren from the Wageningen University.

New address of NETHCID Secretariat is : Secretariat NETHCID, Ir. Gerrit van Vuren, Droevendaalsesteeg 3 6708 PB Wageningen, The Netherlands, Phone: +31 317 482769 or +31 317 484190; E-mail: secretariat.nethcid@wur.nl

EUROPEAN REGIONAL WORKING GROUP (ERWG)

Profile

The European Regional Working Group (ERWG) of ICID was founded at the 46th IEC Meeting in Rome in September 1995, and is acting under the motto "Comprehensive land and water management in European river basins for the sustainable development of the rural landscape". The tasks of ERWG can be summarized as follows:

- Knowledge transfer and exchange of experience in matters of border crossing water and land management in European countries
- Co-operation of experts and organisations engaged in national, supranational and international objectives of water management and irrigated agriculture
- Development and promotion of border crossing projects and conferences
- Members are the ICID National Committees of 24 European countries, as below :

Country Representatives			
Austria	Mr. Frederick M. Cate	Lithuania	Dr. Antanas Maziliauskas
Croatia	Prof. Davor Romic	Macedonia*	Prof. Zvonimir Vukelic
Cyprus	Mr. Nicos Tsiourtis	Portugal	Mr. Pedro Eduardo da Cunha Serra
Czech Republic	Prof. Svatopluk Matula	Romania	Prof. Ion M. Nicolaescu
Estonia	Mr. Mati Tonismae	Russia	Dr. Irina G. Pankova
Finland	Mr. Jaakko Sierla	Serbia-Montenegro	Mr. Peter Pantelic
France	Dr. Sami Bouarfa	Slovenia	Prof. Brane Maticic
Germany	Dr.- Ing. Eiko Luebbe	Spain	Mr. Ricardo Segura Graino
Greece	Prof. Dr. A. Poulouvassilis	Switzerland	Mr. Claude Alain Vullier
Hungary	Dr. Laszlo Hayde	The Netherlands	Mr. Pol Hakstege
Ireland	Dr. John Martin	Ukraine	Prof. Peter Kovalenko
Italy	Dr. Michele A. Cuccaro	United Kingdom	Mr. Peter S. Lee
*The membership of Macedonia, due to non-payment of subscription has fallen under "inactive" category. The country representation would revive once the arrears are cleared.			

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

Countries with observer status

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

Subordinate Work Teams

European Work Team on Water Related Risk Analysis (EWTWRA)

Chairman : *To be elected* (Dr. Sandor Szalai, Hungary)
Members : *To be elected*

European Work Team on Sustainable Irrigation Management (EWTSIM)

Chairman Prof. Peter Kovalenko (Ukraine)
Members Mrs. Helena Aijo (Finland),
Mr. Frederick M. Cate (Austria),
Mr. Jan Cermak (Czech Republic),
Mrs. Jasmina Taseva (Macedonia),
Prof. Dr.-Ing. Joachim Quast (Germany),
Dr. Olga Zhovtonog, Secretary (Ukraine),
Mrs. Ildiko Zima Szaloki (Hungary)

Observer World Bank representative

European Work Team on Drainage (EWTDR)

Chairman Dr. Georgiy G. Gulyuk (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)

Editorial Board of ERWG Letter (EBLET)

Editor to be elected
Secretary to be elected
Members Dr. Frantisek Dolezal (Czech Republic),
Mr. John Hennessy (UK),
Dr. Lajos Szlavik (Hungary)

Water Network

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

5 European professional organizations

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

7 National Water Management Associations

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

6 European Water Management Institutes

- ACVAPROJECT - Water Management Design Institute (Moldova Republic)
 - DHI - Danish Hydraulic Institute
 - IIDS - Institute of Irrigation and Development Studies, University of Southampton (United Kingdom)
-

- RIIDHE - Research Institute for Irrigation, Drainage and Hydraulic Engineering (Bulgaria)
- VITUKI - Water Resources Research Centre Plc. (Hungary)
- IME - Institut Méditerranéen de l'Eau (France)

Work Results

- ERWG Letter No. 1 to 20 (newsletters)
- Irrigation Sector Reform in Central and Eastern European Countries (project report book/CD)
- European Sector Vision on Water for Food and Rural Development (report)
- ICID Guide "How to work out a drought mitigation strategy" (guideline)
- Water Resources Management in the Czech Republic, Hungary, Lithuania, Slovenia (book)
- Diffuse Entries in Rivers of the Odra Basin (research report)
- Proceedings of several European conferences
- First and Second CEE WFE Dialogue Reports (Dialogue on Water, Food and Environment – Dialogue on the implementation of the EU Water Framework Directive in Agriculture in the Central and East European Countries) (reports)
- Danube Valley : History of Irrigation, Drainage and Flood Control (book)

Current Projects

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

EUROPEAN WORK TEAM ON WATER RELATED RISK ANALYSIS (EWTWRA)

Mandate of the Work Team

To identify the basic risk factors and impacts of the water related disasters by evaluating prevailing risk assessment practices in countries and to develop a common risk evaluation plan towards harmonized national risk management action plans.

Background

Largest part of the natural disasters is connected to the meteorological/climatological events. The number of such events is growing significantly, according to the climate change theory. The biggest damages are caused by the disasters in connection with water related extremes in Europe. Climate change scenarios project problems with the extreme water availability, like intensification of hydrological cycle, especially precipitation, and decreasing precipitation amount first of all in the South-European region. These two events can be parallel, i.e. the less precipitation can fall in a more intensive way, which has a tuning worsening effect on the surface water balance. The consequence of intensification can be for example the growing frequency of flash floods.

Many projects have among their objectives assessing one or other water related disasters. Unfortunately, quite many methodological bases are lacking or are not unified setting back the international comparability of the results of investigations. More explicit is the surplus water part, e.g. floods and their impacts, and more latent is the water deficit part, e.g. drought.

According to the latest results, we can assume that the frequency of these events has been changing, and their tendencies have different signs in different part of Europe.

The hydrological research turns to the scale of river basin investigations (WFD, etc.). These are mostly done in international co-operation in Europe. Therefore, methodological development, comparability studies and general overviews are required.

Aim

The aim of this co-operation is to identify the basic risk factors and impacts of the water related disasters. Applied methodologies of impact studies should be collected and an inventory should be done to summarise special advantages and disadvantages of the individual methods. Risk assessment of extreme events has similar theoretical basis even for different type of events. Probabilities (return periods, distributions etc.) are characteristic for the natural disasters and sensitivity, vulnerability are features of the sufferer (region, society, etc.). Real risk management includes both sides, e.g. the statistical features of the natural disaster and the level of development, adaptive capacity of region bearing the disaster. Therefore, the main task of this WT is to investigate these processes by common, or similar, but at least comparable methods. Comparability has to be the minimum condition, because not comparable methods (or methods still not have been compared) give not comparable results.

Methodology of such type of investigations is not agreed, the problems of vulnerability and sensitivity is not uniformly discussed.

Common, statistically well established methodology will be applied to characterize the risks and making them comparable internationally. As a second phase, risk evaluation and management action plans will be developed. These activities will improve the adaptive capacity of the countries and reduce their vulnerability.

Objectives

1. Inventory of the methods used in the water related risk assessments.
 2. Evaluation of the methods in the inventory.
 3. Harmonisation of countries (meetings, software, knowledge transfer etc.).
 4. Identify stakeholders, contact with them.
 5. Identify possible risk events, stress sources, relationships between sources and receptors.
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6. Agreement in a common methodology.
7. Estimate the likelihood of risk events, exposure to the effects and its consequences, develop risk profile.
8. Impacts of extreme events on agricultural production
9. Compare events and total risks with targets and criteria.
10. Assess existing risk assessment practices against risk profile.
11. In course of development of working plan, stakeholder communication.

Basic actions

1. Overview of the present situation (questionnaire)
2. Determine the needs of individual countries and the possible support activities
3. Contact with stakeholders on national level and keep them informed
4. Publish a methodological survey, suggest the most usable methods
5. Apply the suggested methods in each country, preparation an international overview
6. Comparison of different national practices

Milestones

1. year: Set up an inventory and evaluate the methods
2. year: Comparability studies (pilot events), contact with the stakeholders
3. year: Pilot study based on common methodology
4. year: Dissemination of results

Applied tools

1. Statistical methods, software
 2. Data base or data availability on hydrological, meteorological fields, data from other fields of impact
 3. Visualisation
 4. Internet home page
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Agenda for the Twenty Second Meeting of the
AFRICAN REGIONAL WORKING GROUP (AFRWG)
 Tehran, Iran
 17 October 2011: 09.00-12.30 hours

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: (1) Dr. Adama Sangare, Chairman (Mali, 2009); (2) Dr. Andrew Senewe, Vice Chairman (South Africa, 2009); (3) Engr. D.B. Madu, Secretary (Nigeria, 2008); (4) Ms. Raphaele Ducrot (France, 1999); (5). Dr. Makonnen Loulseged (Ethiopia, 2007); (6) Vice President Dr. Samia El-Guindy (Egypt, 2010), and (7) Secretary General, ICID

Observers: (i) FAO Representative; (ii) World Bank Representative; (iii) IPTRID Representative; (iv) Mr. Jean Syroganis, Camara (Italy); (v) Mr. Adriado de Vito (Italy); (vi) Dr. Ms. Felicity Chancellor (UK); (vii) ARID Representative; (viii) SARIA Representative; and (ix) AgWA Representative.

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

Item 1 : Confirmation of the minutes of the 21st meeting of the Working Group

The minutes of the 21st meeting of the Working Group held at Yogyakarta in October 2010 will be confirmed.

Item 2 : Review of membership of the group, countries and permanent observers

2.1 Membership of the group

The Italian National Committee (ITAL-ICID) has nominated Ing. Adriano de Vito (Italy) for the membership of the group. CV of Ing. Vito is awaited. Ing. Vito is already representing ITAL-ICID as an Observer in the group. The group may like to decide about his membership at the meeting.

Attendance of the members during the meetings held at 2009 and 2010 will be tabled at the meeting.

2.2 Membership of African countries

At present, there are only 6 active member countries in the Africa region, 17 deemed to be inactive countries, and 5 countries were admitted but have not paid their subscription. The details are shown below:

Active (Year of Joining)	Deemed to be inactive (Year of Joining) (Year of becoming inactive)	Admitted but not paid subscription (Year of Admission)
1. Egypt (ENCID) (1950)	1. Algeria (CNAID) (1965) (1999)	1. Burkina Faso(BURCID)(2000)
2. Ethiopia (ETCID) (1976)	2. Angola (ANGCID) (1978) (1994)	2. Cameroon (2009)
3. Mali (AMID) (2005)	3. Ghana (CHANCID) (1958) (1982)	3. Chad (ATID) (2003)
4. Niger (ANID) (2007)	4. Ivory Coast (IVCID) (1969) (1982)	4. Mauritius (MAUCID) (1992)
5. Nigeria (NINCID) (1970)	5. Kenya (KENCID) (1977) (2003)	5. São Tomé and Príncipe (SAOCID) (1985)
6. South Africa (SANCID) (1993)	6. Libya (LICID) (1988) (2000)	
	7. Madagascar (MADCID) (1983) (1986)	
	8. Malawi (MILCID) (1967) (2004)	
	9. Morocco (ANAFIDE) (1959) (2010)	

Active (Year of Joining)	Deemed to be inactive (Year of Joining) (Year of becoming inactive)	Admitted but not paid subscription (Year of Admission)
	10. Mozambique (MOCID) (1978) (2006) 11. Senegal (SENCID) (1966) (1992) 12. Sudan (SUCID) (1964) (2003) 13. Tanzania (TANCID) (2000) (2006) 14. Tunisia (TUNCID) (1960) (1993) 15. Uganda (UGCID) (1963)(1983) 16. Zambia (ZACID) (1966) (2010) 17. Zimbabwe (ZICID) (1955) (2001)	

The Central Office had corresponded with the National Committee of Mozambique (MOCID) for their reactivation. Countries of Cameroon, Burkina Faso, and Chad whose membership application had been accepted by IECs at previous meetings, have been requested to pay their membership subscription to formally effect their membership.

Dr. Ir. Karim Shiati, Vice President (Hon.), ICID and Chairman, ICID's Asian Regional Working Group (ASRWG) visited Tanzania on 5 June 2011 and held discussions with Eng. Raphael Daluti, Director Irrigation and Technical Service Division, Ministry of Agriculture and Food Security of P.R. of Tanzania regarding the reactivation of the Tanzanian National Committee (TANCID) and its active participation in the 21st ICID Congress / 62nd IEC meeting.

H.E. Aghatam AG Alhassane, Minister of Agriculture and Mr. Aliou Bamba, Technical Advisor of the Ministry of Agriculture, Republic of Mali visited New Delhi in December 2010. Secretary General Gopalakrishnan met the Mali delegation and briefed about ICID activities in Africa Region. In particular, he apprised about the forthcoming 3rd African Regional Conference to be held in Mali. Mr. Bamba visited the Central Office on 16 December and held a meeting with the Secretary General and Professionals to review the preparations for the 3rd African Regional Conference. He informed that the Mali National Committee (AMID) was gearing up towards various preparations for hosting the event. He informed about the launch of special Conference website. Mr. Bamba collected some recent and past technical books (including some French versions) from the Central Office Technical Library.

CONTINUING ITEMS

Item 3 : Progress on the implementation of the Action Program for Africa

3.1 Report of the SARIA Workshop, February 2011, Swaziland

The Southern African Regional Irrigation Association (SARIA) held a workshop and its steering committee meeting from 15-17 February 2011 at Maguga Lodge, Swaziland. SARIA's vision is to enhance communication, research, training and development of appropriate science and technologies in irrigation and drainage for gender balanced poverty eradication and economic development to improve the livelihoods of the inhabitants of the Southern African Development Community (SADC) countries. It is currently comprised of members from 13 (out of 15) SADC countries.

The theme of the workshop was *"Poverty reduction and household food security in SADC countries"* and its purpose was to facilitate the exchange of ideas and practices between researchers, advisory agents and government officials from the SADC countries. It also aimed to build a shared understanding of the necessary activities and priority areas for research and extension. Representatives from 11 SADC countries participated in the workshop. A technical visit to irrigation schemes in Swaziland which included a presentation by the Swaziland Water and Agricultural Development Enterprise (SWADE) was organized. The annual SARIA Steering Committee meeting was held on 17 February. Dr. Andrew Senewe, Vice Chairman has sent two sets of the proceeding of the workshop (CD-ROM) to the Central Office Library.

The SARIA Chairman attended the AgWA Partners' Meeting held on 17-18 January 2011 at Johannesburg. The meeting was co-convened with NEPAD Planning and Coordination Agency (NPCA). The major formal outcome of the meeting was the endorsement of the governance arrangements that had been proposed by each of the two regions (Western and Central Africa -WCA, Eastern and Southern Africa -ESA), which include the formation of steering committees for each region.

3.2 3rd African Regional Conference, 29 November – 5 December 2011, Mali

The 3rd ICID African Regional Conference (3rdAfRC) will be held during 29th November to 5th December 2011 at Bamako, Mali. The theme of the Conference is '**Food security in Africa and climate change: Improve Irrigation and drainage contribution**'. The main objectives of the Conference are - (i) To share documented experiences and knowledge on climate change and how to scale up experiences; (ii) To suggest strategies for improving water productivity; and (iii) To advise policy makers on how irrigation could contribute to food security in Africa.

The sub-themes are- **Theme 1:** Effects of climate change on the development of irrigation and drainage in Africa, **Theme 2:** Policies and strategies to improve the contribution of irrigation and drainage to food security in Africa under climate change context, and **Theme 3:** Water use productivity in agriculture and the challenges of climate change.

ICID management has nominated VPH Dr. Mark Svendsen and Mr. Laurie Tollefson on the Scientific Committee of 3rd AfRC. The "first announcement" of the Conference was circulated by the Mali National Committee (AMID) as well as Central Office to all National Committees and international organizations and members of the group requesting their participation. For more information about the conference sub-themes, key dates etc. please visit the conference website <<http://www.amid-mali.org>>. Copies of the announcement will be distributed at the meeting.

In line with the spirit of Memorandum of Understanding (MoU) signed at Yogyakarta in October 2010 between AMID, ICID and AFEID, the French National Committee (AFEID) extended its support in bringing the delegates from Africa to the 24th ERC held in March 2011. Secretary General has communicated with Chairman Dr. Sangare to explore in getting similar support a few participants of the West Africa for the 3rd AfRC. Secretary General M. Gopalakrishnan has sent an ICID invitation letter to H.E. Amadou Toumani Touré, President of the Republic of Mali for their active engagement and support in hosting the 3rd African Regional Conference (AfRC) by AMID.

In March 2011, President Prof. Chandra Madramootoo informed PH Prof. Dr. Bart Schultz that Isabelle Proulx of IDRC, Canada was exploring the possibility of hosting a special session on climate change in Africa at the 3rd African Regional Conference. In this session IDRC would like to promote the findings of some research which IDRC and DFID have been co-sponsoring and financing in Africa. President Madramootoo also envisages bringing out a special issue of ICID Journal with about 10 best papers from this special session.

Secretary General M. Gopalakrishnan was in Colombo to attend the Global Water Partnership (GWP) regional workshop on 'Climate change, food and water security for South Asia' held in February 2011, where he met VPH Dr. Ait Kadi (Morocco). During the discussion on ICID matters, VPH Dr. Kadi has expressed Morocco's desire to collaborate at the Government level with Mali National Committee (AMID) in organisation of the African Regional Conference. Dr. Kadi presently is Chair of GWP Technical Committee. Chairman Dr. Sangare was encouraged to contact VPH Dr. Ait Kadi at <aitkadi@sg.madrpm.gov.ma> for firming up the collaboration.

Chairman Dr. Sangare will apprise updates and progress in the Conference preparations at the meeting.

3.3 11th International Drainage Workshop (IDW), September 2012, Cairo

The 11th International Drainage Workshop (IDW) will be hosted by the Egyptian National Committee (ENCID) in Cairo from 23-27 September 2012. The main theme of the 11th IDW is "*Agricultural Drainage Needs and Future Priorities*" under which six topics and 27 subtopics will be addressed. The first Announcement and Call for Papers of the 11th IDW has been issued and widely circulated amongst ICID National Committees and International Organizations for further dissemination amongst potential participants. In May 2011, Chairman VP Dr. Vlotman circulated the announcement to all members with a request to circulate it amongst interested professionals outside the ICID network. The last date for receipt of abstracts of paper(s) at the workshop secretariat is **1 December 2011**. The workshop website <<http://www.encid.org.eg/idw11>> provides details on topic/sub-topics, call for papers, venue, exhibition, study tours, etc.

VPH Prof. Dr. M.H. Amer, or ENCID representative will provide updates at the meeting.

Item 4 : Three-year work plan of the group

At Yogyakarta, WG nominated a team comprising one representative each from ARID (Mr. Adama Ouedraogo), SARIA (Dr. Andrew Sanewe) and AMID (Dr. Adama Sangare) to submit contributions for the work plan for the next 3 years to the Central Office.

In April 2011, the Central Office requested the above professionals to prepare and provide a draft work plan (2011-2013) in liaison with the team members. Responses are awaited.

The team/ group will discuss and prepare a three year work plan (2011-2013) considering the ongoing activities and likely future tasks.

Item 5 : Cooperation with other working groups and international organizations

5.1 ICID working groups

WG noted that the meetings of Special Work Team on Lake Chad Basin (ST-LCB) were not held both at New Delhi (2009) and in Yogyakarta (2010) and suggested that the key items of the ST-LCB be included in the agenda of the AFRWG from the year 2011 onwards. During the Yogyakarta meeting, the Chairman Dr. Sangare volunteered to contact the Director General of Operations of the Lake Chad Basin Commission, Mr. Chaibou Mahaman and develop further action plan.

In April 2011, the Central Office has requested Dr. Sangare to initiate action and provide further feedback. Response is awaited.

Chairman will apprise the members the progress on the above at the meeting.

5.2 SANCID Symposium, November 2010

The South African National Committee (SANCID) celebrated its 17th year as a member of ICID by hosting a very successful 'The 2010 SANCID Symposium' from 16-18 November 2010 at the Desert Palace Hotel and Casino Resort in Ugington in the Northern Cape. The theme of the symposium was "Efficient water use for food production". The delegates had an opportunity to explore the theme of the symposium through 26 excellent papers that were presented. The sub-themes covered irrigation scheduling, soil nutrient management, irrigation strategies, water management at catchment scale, irrigation efficiency, water productivity and modeling water use. Dr. Richard Stirzaker was the keynote speaker and gave a very interesting presentation on "What does efficient irrigation really mean?" This was followed up with a presentation by Dr. Gerhard Backeberg on "Innovations for effective agricultural water management and efficient food production".

5.3 Focus on Africa

During the Yogyakarta meeting, the group suggested that the AFRWG to continue to reiterate the importance of reactivating the National Committees in African countries. The "Preference for Africa" programme needs to be enhanced and become more visible. The group also noted that the Central Office has been continuously communicated with inactive National Committees to reactivate their membership.

WG may like to come up with some practical proposal(s) to invigorate the 'Preference for Africa' programme.

5.4 Agricultural Water Partnership (AgWA)

During the Yogyakarta meeting, President Hon. Peter Lee encouraged the organizers of the 3rd AfRC to get in touch with Agricultural Water for Africa (AgWA) and ask them to conduct their next meeting on the sidelines of the conference. AgWA also in their program indicated that they would like to participate in the 3rd AfRC for presenting their experiences. In view of low membership status of AFRWG, it was suggested that AFRWG needs to focus on building and strengthening professionals beginning with the countries of Morocco, Mali, South Africa, Senegal, Kenya, Egypt, Ethiopia, Nigeria, and Tanzania. It was also suggested that the WG members will get in touch with international organizations like FAO, IWMI, AfDB, NEPAD etc. for getting the contact persons. ICID management also nominated Dr. Adama Sangare and Vice President Dr. Samia El-Guindy for the 'Oversight Committee of AgWA'.

In April 2011, the Central Office requested Chairman Dr. Adama Sangare to invite AgWA for participation either by way of holding a special session or making a presentation during the regional conference. In addition, the Central Office also requested Dr. Sangare to invite appropriate agency of the UNEP to participate in the conference so as to disseminate key findings/ recommendations of the document "Africa Water Atlas" among the delegates. Dr. Sangare was also requested to explore the possibility for sponsorships by contacting giant MNCs like Monsanto, DuPont, Syngenta as they have great interest in introducing their drought tolerant crop varieties (GM crops) in SSA. Response is awaited.

Chairman will apprise further developments at the meeting.

5.5 Other international announcements/ initiatives

- **Africa Water Atlas**

The Atlas, compiled by UNEP at the request of the African Ministers' Council on Water (AMCOW) shows how the challenges of water scarcity in Africa are compounded by high population growth, socio-economic and climate change impacts and, in some cases, policy choices. In total, the Africa Water Atlas features over 224 maps and 104 satellite images as well as some 500 graphics and hundreds of compelling photos.

Prepared in cooperation with the African Union, European Union, US Department of State and United States Geological Survey, the 326-page atlas gathers information about the role of water in Africa's economies and development, health, food security, transboundary cooperation, capacity building and environmental change in one comprehensive and accessible volume. All images from the atlas are free to use and can be downloaded from <www.na.unep.net/atlas>.

- **African Journal of Agricultural Research**

The *African Journal of Agricultural Research (AJAR)* is accepting manuscripts for publication. AJAR publishes high-quality solicited and unsolicited articles, in English, in all areas of agriculture including irrigation and drainage. All articles published in AJAR will be peer-reviewed and following acceptance, the paper will normally be published in the next available issue. In tune with the requirement of researchers all over the world, to have an open access to research publications, the AJAR is fully committed to providing free access to all articles as soon as they are published. Accordingly, papers are solicited from potential authors for publishing their papers in AJAR and the manuscript(s) may be sent to ajar.acadjourn@gmail.com. Instruction for authors and other details are available at: www.academicjournals.org/ajar. AJAR is also seeking qualified reviewers. Interested reviewers may please contact Prof. N.A. Amusa, Acting Editor, AJAR at E-mail: <ajar.acadjourn@gmail.com>. In July 2011, the Central Office circulated the announcement among all NCs of Africa region and members of the group for perusal.

- **African Session of the 8th World Forum of Sustainable Development**

In cooperation with the Ministry of Foreign and European Affairs, the General Directorate for Globalization and Partnerships, the Lake Chad Basin Commission (LCBC) and Chadian authorities, the 3rd Africa Edition of the 8th World Sustainable Development Forum (WSDF) was held in N'Djamena in October 2010 under the main theme: "Save Lake Chad". Formerly considered as Africa's land-locked sea, Lake Chad was 25,000 km² in 1960 but is currently reduced to about 8,000 km². About 90% of its area has already disappeared. Authorities and some experts blame global warming for its narrowing, whereas others give various reasons and especially its overexploitation for irrigation or urban water needs. This basin is located at the border of four countries (Cameroon, Niger, Nigeria and Chad) and is a major migration point which pulls mainly cattle rearers and fishermen.

More than a thousand delegates from the scientific, economic and political world, international institutions, representatives of the civil society and the media, attended this international forum. One of the fundamentals of the forum was to seek urgent solutions to save Lake Chad.

Following the intense deliberations, the experts of the forum scientific committee made proposals for analysis and validation at the forum "political segment" on 31 October 2010, as the closing ceremony of the Forum. Some LCBC heads of States actively attended this segment and enhanced fund mobilization. According to the final communiqué read by the Chadian minister for the Environment, Hassan Terap, participants and heads of states pleaded for the Lake Chad Basin to be classified as a World Heritage and thus become one of the major international sustainable development priorities for the next decades. Also, the Chadian government decided to set up a follow-up committee. Its mission is to follow up and assess actions especially in terms of R&D.

- **Africa Public Private Partnership (APPP) 2011**

The 3rd edition of the International Africa Public Private Partnership (APPP) Conference and Showcase will be held in Nairobi, Kenya on 1-2 December 2011. The main focus of the conference will be on infrastructure, energy, transport, telecoms and water sectors. APPP 2011 is hosted by the Ministry of Finance of the Republic of Kenya and supported by the African Development Bank.

- **World Water Day, March 2011**

On 20th March 2011, the water and green growth project was publicly launched at UN Habitat's World Water Day conference held in Cape Town at a side event organised to initiate the debate on the role that water plays in green growth. International economic and water experts came together from the Korean Government, the OECD, UNEP, the Nature Conservancy, the International Union for Conservation of Nature (IUCN), and the World Water Council to open the debate. The debate was chaired by Dr. Eunkyung Park, Korean Ambassador for Water, and introduced by Dr. Haejin Yang, R&D Executive Director of the K-water Institute and Mr. Loic Fauchon, President of the World Water Council.

Item 6 : Publicizing working group's activities through a Newsletter and other international publications

At Yogyakarta, the Working Group agreed to provide brief news items including future events and important publications to the Central Office for inclusion in the proposed AFRWG Newsletter. Chairman Dr. Sangare has taken a lead in bringing out a Newsletter. All members of the Working Group are requested to send one or two pages of information/ data for inclusion in the newsletter.

Chairman may like to provide updates.

Item 7 : Website of the AFRWG

During the Yogyakarta meeting, the Chairman informed the members that the AFRWG website is active and encouraged them to access it <<http://www.afrwg.icidonline.org/>>. He urged all members to contribute to the website by sending the information/ news to the Central Office for uploading on the website with required changes and amendments.

A brief report of the SARIA workshop held in February 2011 in Swaziland is posted on the group's website.

Item 8 : Any other business

Agenda for the Sixth Meeting of the
SPECIAL WORK TEAM ON LAKE CHAD BASIN (ST- LCB)
 Tehran, Iran
 17 October 2011: 09.00-12.30 hours

Year of Establishment: 2005

Completion of the Mandate: 2011

Mandate:

- To assist in the establishment of broad based ICID National Committees in each of the Lake Chad Basin country;
- To obtain and disseminate information on the problems of Lake Chad Basin to other ICID member countries with similar problems;
- To organize national and international discussions on related scientific and technical issues in the basin; and
- To co-operate with other international organizations in related activities.

Members: (1) Vice President Hon. Engr. I.K. Musa, Chairman (Nigeria, 2007); (2) Engr. M.S. Adamu (Nigeria, 2005); (3) Dr. Sizwe Mkhize (South Africa, 2005); (4) Dr. H. Fahmy (Egypt, 2005); (5) Prof. Tom Franks (UK, 2005); (6) Vice President Hon. V.A. Dukhovny (Uzbekistan, 2005); (7) Dr. Tsugihiko Watanabe (Japan, 2010); and (8) Er. M. Gopalakrishnan, Secretary General, ICID

Permanent Observers: (i) ARID-RAID Representative; (ii) LCBC Representative; (iii) FAO Representative; (iv) IPTRID Representative; and (v) World Bank Representative.

Website: <<http://www.st-lcb.icidonline.org>>

Item 1 : Confirmation of the minutes of the 5th meeting of the Special Work Team held at Yogyakarta in October 2010

The minutes of the last meeting held at Yogyakarta will be confirmed.

There has been no progress in the activities of the ST as the last three meetings (Yogyakarta, 2010; New Delhi, 2009; and Lahore, 2008) could not be effectively held due to non-attendance of the Chairman and majority of members. An interim meeting of the ST-LCB was also held at Sirte, Libya on the sidelines of the FAO High Level Conference on "Water for Agriculture and Energy in Africa: The Challenges of Climate Change" held in December 2008, the only one of some productive nature when most of the members were present due to Libyan support which also facilitates a pledge to move further on issues connected with LCB.

Item 2 : Membership of the Special Work Team

The nomination of Mr. Illiassou Mossi Maiga (Niger) for the membership of the team was deferred to Tehran meeting due to his non-attendance at the Lahore/ New Delhi / Yogyakarta meetings. The Central Office in April 2011 has written to the Niger National Committee (ANID) to inform Mr. Maiga to remain present at Tehran meeting.

Item 3 : Tenure of the Work Team

The ST is to complete its mandate by 2011.

At Yogyakarta, it was proposed to merge the team to AFRWG by transferring some of its key activities. The PCSO/ IEC recommended closing the ST by completing its major activities until Tehran meeting (2011). It was suggested that ST to concentrate on the issues brought out in the background paper circulated by Lake Chad Basin Commission and contribute effectively on "Climate Change and Irrigation" with an African focus. Members will decide the further line of action at the meeting.

Item 4 : Formation of a broadbased ICID National Committee in each of the Lake Chad Basin countries

The Lake Chad Basin Commission comprises of eight countries viz. Algeria, Cameroon, Central African Republic, Chad, Libya, Niger, Nigeria, and Sudan. The ST recognized the need to have all stakeholder countries become members of ICID; and those who are member countries to organize broad basing of their National Committees. At Lahore meeting, Mr. Boubakari Mana had volunteered to interact with as many countries with interest in Lake Chad Basin management to induct them as members.

The ST at its Sirte meeting, called on Lake Chad Basin Commission to assist in the effort to reactivate or establish National Committees in the Chad Basin countries. The Central Office has written to National Committees of Algeria (CNAID), Libya (LICID) and Sudan (SUCID) for their reactivation. Response is awaited.

Applications of Chad and Cameroon for membership were accepted by IECs at previous meetings; however, both the countries are yet to pay their first subscription to formally effect their membership. Central Office in July 2010 has received a letter from the Vice Minister, Ministry of Agriculture and Rural Development of Cameroon indicating their interest to pay the first annual subscription. No further communication was received from Cameroon.

ST may like to discuss on the membership issue and suggest ways and means to reactivate the inactive NCs and enthuse countries of Chad and Cameroon to join ICID by paying their first membership subscription.

Item 5 : Any other business

• **14th World Lake Conference, Austin, Texas (USA) from 31 October to 4 November 2011**

At Yogyakarta, Dr. Watanabe volunteered to act as a liaison person between ICID and International Lake Environment Committee Foundation (ILEC) if agreed by ICID.

The International Lake Environment Committee (ILEC) and the River Systems Institute–Texas State University will co-sponsor the 14th World Lake Conference, to be held in Austin, Texas (USA) from 31 October to 4 November 2011. The conference provides an interactive international forum for the exchange of knowledge and experiences on important lake and reservoir science, management and governance issues. The conference is a biennial event with previous conferences having been convened in Argentina, China, Denmark, Hungary, India, Italy, Japan, Kenya, and the USA. The anticipated conference participants include international, national, and state agencies, non-governmental organizations, academic organizations, representatives of the private sector, and other water stakeholders from both developed and developing countries. Members are encouraged to participate in the conference. More information is available at <http://www.wlc14.org/>

Dr. Watanabe may like to apprise further updates of the Conference.

• **ICID's 3rd African Regional Conference, Bamako, Mali, 2011**

The 3rd ICID African Regional Conference of ICID will be held from 29th November to 5th December 2011 at Bamako, Mali. The theme of the Conference is '*Food security in Africa and climate change: Improve Irrigation and drainage contribution*'. The main objectives of the Conference are - (i) To share documented experiences and knowledge on climate change and how to scale up experiences; (ii) To suggest strategies for improving water productivity; and (iii) To advise policy makers on how irrigation could contribute to food security in Africa. Following are the sub-themes: **Theme 1:** Effects of climate change on the development of irrigation and drainage in Africa. **Theme 2:** Policies and strategies to improve the contribution of irrigation and drainage to food security in Africa under climate change context. **Theme 3:** Water use productivity in agriculture and the challenges of climate change.

The "first announcement" of the 3rd AfRC was circulated by the Central Office to all National Committees and international organizations. All members are encouraged to participate in the conference. For more information about the conference sub-themes, key dates etc. please visit the conference website <<http://www.amid-mali.org>>.

Agenda for the Eighth Meeting of the
AMERICAN REGIONAL WORKING GROUP (AMRWG)
 Tehran, Iran
 17 October 2011: 13:30-17:00 hours

Year of Establishment: 2003

Mandate: (1) To assist in the development of ICID National Committees in Americas; (2) To obtain and disseminate information on irrigation and drainage in Americas; (3) To organize national and international discussions / meetings on relevant scientific and technical issues; and (4) To act as catalyst for promoting better contact with the ICID and other relevant international organizations.

Members: (1) Dr. Luis Rendón Pimentel, Chairman (2010) (Mexico, 2004); (2) Ing. Agr. Sergio Domingo de Agela Vaccarezza, Vice Chairman (Uruguay, 2010); (3) Dr. Dennis Wichelns (USA, 2005); (4) Representative from Brazil; (5) Representative from Canada; (6) Representative from Chile; (7) Representative from Guyana; and (8) Secretary General, ICID.

Observers: (i) Vice President Hon. José A. Ortiz Fdz.-Urrutia (Spain); (ii) Representative from Portugal; and (iii) Dr. Jaime Collado (Mexico).

Item 1 : Confirmation of the minutes of the 7th meeting of the Working Group

The minutes of the 7th meeting of the Working Group held at Yogyakarta, Indonesia in October 2010 will be confirmed.

Item 2 : Review of Membership

The ICID Central Office has requested (03 May 2011) National Committees of Brazil, Canada, Chile, Guyana and Portugal (Observer) to send their nominations for the membership of the Working Group. Responses are awaited.

Central Office has also requested (03 May 2011) ITAL-ICID to nominate Vice President Prof. Ubertini (Italy) as an 'Observer' on the Working Group considering his keen interest in joining the Group to help enhance the activities of the WG and reactivation of National Committees in the region. Response is awaited.

Further, there are 9 National Committees i.e. Argentina, Colombia, Dominican Republic, Ecuador, Honduras, Panama, Peru, Surinam and Venezuela, which have become '*deemed inactive*'. The Central Office has contacted (12 July 2011) and urged them to revive their memberships. Responses are awaited.

Central Office has also attempted (13 July 2011) to contact new (fresh) countries in Americas: Republic of Bolivia, Republic of Costa Rica, Republic of El-Salvador, Republic of Guatemala, Republic of Haiti, Republic of Paraguay, Republic of Puerto Rico, Republic of Trinidad & Tobago and Republic of Nicaragua, for the membership of ICID. Following the positive response from Republic of Trinidad and Tobago, the Central Office has informed them of their annual membership subscription for the year 2011. Further response is awaited.

As a result of similar efforts in 2008, the Republic of Jamaica was admitted to ICID during 59th IEC meeting in October 2008 at Lahore, Pakistan. However, 1st subscription from the Republic of Jamaica is still awaited in spite of several encouraging reminders.

It is with great regret that we note the Chilean National Committee of ICID (CHICID) has submitted a letter of intent saying it is withdrawing (18 May 2011) its ICID membership on its own. Efforts to reactivate the CHICID may please be discussed.

IEC will also be apprised of Chile's request for withdrawal of ICID membership.

Item 3 : Election/nomination of Secretary

The WG may wish to elect/nominate a new Secretary for the WG during the Tehran meeting.

Item 4 : 4th American Regional Conference

The WG indicated that the Brazilian, Mexican and Uruguay National Committees were exploring the possibility of organizing the '*IV American Regional Conference*'. Central Office requested (03 May 2011) these NCs to send the further progress in this regard, if any. Responses are awaited.

Item 5 : Activities of the WG

Ing. Agr. Sergio Domingo De Agrela Vaccarezza (Uruguay), Vice Chairman of the WG, presented a profile of Uruguay titled "*Water use in Uruguay agriculture*" during the Yogyakarta meeting in 2010. Central Office requested (03 May 2011) to send the document to the ICID Central Office for further dissemination among its members and uploading on the ICID website as a country profile of Uruguay. Response is awaited.

The following activities are proposed :

- Preparing an updated country profiles giving information on natural resources, agricultural production, irrigation and drainage features etc.
- Development of AMRWG website on the lines of other ICID workbodies.
- Identifying events taking place in Americas and participation.
- Fostering close bilateral/multilateral cooperation between Latin American National Committees.
- Others, subject to approval of Chair.

Further, a workplan (a three year rolling plan) needs to be prepared to guide and assign activities under AMRWG to members for suitable follow up actions.

Item 6 : Any other business

- **Network for Cooperation in Integrated Water Resource Management for Sustainable Development in Latin America and Caribbean**

ICID Central Office had received an announcement from the Economic Commission for Latin America and the Caribbean (ECLAC) indicating that the newest issue of the Circular of the Network for Cooperation in Integrated Water Resources Management for Sustainable Development in Latin America and Caribbean has been published.

A brief description of the Issue No. 32 is available at <<http://www.eclac.org/drni/noticias/circulares/5/40365/Carta32in.pdf>>. By a circular dated (28 October 2010) ICID National Committees in Americas were informed by Central Office to benefit by visiting the website.

- **FAO publication**

The ICID Central Office had received (12 October 2010) a FAO publication titled '*The Wealth of Waste: The economics of wastewater use in agriculture*' by Dr. Jaime Collado, Vice-President of Mexican National Committee of ICID (MXCID) . Dr. Collado presented it in Stockholm in November 2010. Members may contact Dr. Collado for a copy of the same.

- **'Agriculture and Rural Development (ARD) Day 2010'**

The ICID Central Office had received (8 November 2010) an announcement 'Agriculture and Rural Development (ARD) Day 2010' on '*Finding solutions to feed the world in face of climate change*' which was held on 04 December 2010 in Gran Melia Hotel, Cancun, Mexico. It took place in parallel to the 16th Conference of the Parties (COP 16) of the United Nations Framework Convention on Climate Change (UNFCCC). Central Office requested (10 November) Dr. Luis Redón Pimentel, President of MXCID to represent ICID in the event. Dr. Pimentel informed (24 November 2010) that he will participate in the event on behalf of ICID. Feedback is awaited.

- **Invitation from National Water Commission (CONAGUA), Mexico**

ICID Central Office had received (05 November 2010) an invitation from National Water Commission (CONAGUA) for its 16th Conference of the Parties of the United Nations Framework Convention on Climate Change (COP 16) which was held during 1-3 December 2010 at Cancun, Mexico. It was a good opportunity for ICID to share information on our activities and explore further avenues for cooperation. Central Office requested (10 November 2010) Dr. Luis Rendón Pimentel, Chairman of AMRWG and President, MXCID to represent ICID during this event. Response is awaited.

- **XX National Congress on Irrigation and Drainage (CONIRD) in Brazil**

The Brazilian National Committee of ICID (ABID) co-organizes the 'XV National Congress on Irrigation and Drainage (CONIRD)' every year in Brazil. This year, the XX CONIRD was organized during 6-8 December 2010 at Uberaba, Minas Gerias, Brazil. Prof. Dr. Chandra A. Madramootoo, President, ICID was invited to deliver a Keynote speech during the 'Opening Ceremony'. Since President Madramootoo could not participate in the CONIRD, his message was read out at the CONIRD.

- **Invitation to Dialog on Disaster Management**

ICID Central Office received (4 June 2011) an invitation from National Water Commission (CONAGUA) to participate in the "Dialog on climate change disaster management: a perspective from the water community" which was held on 23 June 2011 in Mexico. Central Office circulated (08 June 2011) the information to Chairman and members of the AMRWG for their participation.

- **Launch of the '2030 Water Agenda' in Mexico**

The National Water Commission on Mexico launched the 2030 Water Agenda in March 2010. ICID Central Office requested (03 May 2011) Chairman, AMRWG to send a copy of the '2030 Water Agenda' to the Central Office for its further dissemination amongst AMRWG members for information. Response is awaited.

Agenda for the Thirty-first Meeting of the
PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)
 Tehran, Iran
 21 October 2011: 09.00-12.30 hours (Session-I)
 21 October 2011: 13.30-17.00 hours (Session-II)

Year of Establishment: 1981

Members: (1) Vice President Hon. Felix B. Reinders, Chairman (South Africa, 2010); (2) Mr. Bruno Molle, Vice Chairman (France, 2006); Vice President Hon. Larry D. Stephens, Secretary (USA, 2003); (4) Vice President Hon. Dr. Hussein Ehsan El-Atfy (Egypt, 2005); (5) Prof. Daniele de Wrachien (Italy, 2005); (6) Dr. Yohei Sato (Japan, 2005); (7) Dr. Nikolay G. Kovalev (Russia, 2007); (8) Mr. Hasan B. Yuksel (Turkey, 2007); (9) Vice President Er. A.K. Bajaj (India, 2008); (10) Engr. Husnain Ahmed (Pakistan, 2009); (11) Vice President Hon. Dr. Mark Svendsen (USA, 2010) and (12) Er. M. Gopalakrishnan, Secretary General, ICID

Permanent Observers: (i) World Bank Representative; (ii) FAO Representative; (iii) IWMI Representative; (iv) ISO Representative; (v) WWC Representative; (vi) CPWF Representative; (vii) AgWA Representative and (viii) IPTRID Representative.

Ex-Officio Members: All Strategy Theme Leaders and Chairpersons of all workbodies under PCTA.

Item 1 : Confirmation of minutes of the 30th meeting of PCTA held at Yogyakarta, Indonesia, on 14 October 2010

The minutes of 30th meeting of PCTA held at Yogyakarta on 14 October 2010 were circulated and also uploaded on the ICID website on 03 January 2011. As no comments were received thereon, the minutes may be confirmed.

A. CONTINUING ITEMS

ITEMS FOR ACTION

Item 2 : Membership of the Committee

- 2.1 ICID Central Office invited National Committees to send nominations for the membership of workbodies, including, PCTA. Nominations, if any, will be placed before PCTA for its consideration.
- 2.2 VPH Prof. Hectar Malano has stepped down from the Chairmanship of the PCTA and VPH Felix Reinders has been selected as the new Chairman effective from 2011 meeting of PCTA. The Committee would like express its gratitude and thanks to VPH Prof. Malano for his exemplary leadership in guiding the activities of the PCTA for over last six years.

The Committee also welcomes the new Chair VPH Felix Reinders.

- 2.2 Attendance of the members at the PCTA meetings in 2009 and 2010 will be provided to the Chairman at the time of the meeting. The Committee will take a view in terms of ICID By-law 3.1.7

Item 3 : Composition of Workbodies

3.1 New membership proposals for workbodies

The following new nominations have been received for various workbodies. Proposals will be considered by the respective Working Groups/ Task Forces at their respective meetings and recommendations will be communicated to PCTA for their acceptance by PCTA/ IEC.

ICID Journal Editorial Board (EB-JOUR)

New nomination

- Dr. Mohammad Javad in place of Dr. Saeed Nairizi (Iran)
- Prof. Dr. Klaus Röttcher in place of Dr. Joachim Quast (Germany)

Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)

New nomination

- Ing. Antonio Linoli in place of Mrs. F. Sinatti (Italy)

Deferred Nominations

- Mr. Zarar Aslam in place of VPH Dr. I. B. Shaikh (Pakistan)
- Dr. Thierry Ruf in place of Mr. Jean Verdier (France)

Working Group on Drainage (WG-DRG)

New nomination

- Mr. Ardavan Azari in place of Dr. M. Bybordi (Iran)

Working Group on the Role of Irrigation in Poverty Alleviation and Livelihoods (WG-POVERTY)

Deferred nomination

- Ms. Laura Schroeder (USA)

Task Force on Financing Water for Agriculture (TF-FIN)

Deferred nominations

- Mr. Bashir Ahmad Sial (Pakistan)
- Mrs. Ananya Ray (India)

Working Group on Water Management in Water Stressed Regions (WG-DROUGHT)

Deferred nominations

- Dr. Kiwood Park (Korea)
- Dr. Polevoy Anatoliy (Ukraine)
- Dr. Teodoro Estrela Monreal (Spain)

Working Group on Sustainable Development of Tidal Areas (WG-SDTA)

New nomination

- Mr. T. Nagendra in place of Dr. E.J. James (India)

Working Group on Environment (WG-ENV)

New nomination

- Dott. Anna Tedeschi in place of Mr. Stefano Salbitani (Italy)
-

Deferred nominations

- Mr. Javeed Iqbal Bokhary in place of Dr. Engr. I.B. Shaikh (Pakistan)
- Mr. Ahmed Aziz (Iraq)

Working Group on Comprehensive Approaches to Flood Management (WG-CAFM)

New nomination

- Mr. Olli-Matti Verta (Finland)
- Prof. Dr. Klaus Rottcher (Germany)
- Mr. Asjad Imtiaz Ali in place of Mr. Zarar Aslam (Pakistan)

Working Group on Technology and Research Uptake and Exchange (WG-TRUE)

New nomination

- Dr. N.S. Raghuvanshi (India) in place of Dr. K. Palanisami and Mr. Indra Raj

Working Group on Global Climate Change and Agricultural Water Management (WG-CLIMATE)

Deferred nominations

- Dr. Edward Keith Weatherhead (UK)
- Ir. C.W.J. Roest (The Netherlands)
- Mr. Naseer Ahmed Gillani (Pakistan)
- Ms. Flaviana S. Hilario (Philippines)

Working Group on Use of Poor Quality Water for Irrigation (WG-PQW)

New nominations

- Dr. D.K. Sharma in place of Dr. N.K. Tyagi (India)
- Dott. Anna Tedeschi (Italy)

Deferred nominations

- Dr. Tapas Kumar Biswas (Australia)
- Dr. Jinzhong Yang to replace VPH Dr. Gao Zhanyi (China)
- Mr. Bekbayev Ussen (Kazakhstan)
- Mr. M. Sidhu to replace Mr. Maghmoom Muhammad Iqbal/ Dr. Ramzan Choudhry (Pakistan)

Working Group on Modernization of Irrigation Services (WG-MIS)

New nomination

- Mr. Mehrzad Ehsani in place of Dr. M.K. Siahi (Iran)

Working Group on Water Saving for Agriculture (WG-WATS)

New nomination

- Mr. V.K. Chawla in place of Mr. R.K. Gupta (India)
- Mr. Moussa Amadou (Niger)

Deferred nominations

- Mr. Aliou Bamba (Mali)
 - Mr. Shakibaev Ilan Isataevich (Kazakhstan)
-

Working Group on On-Farm Irrigation Systems (WG-ON-FARM)

New nomination

- Dipl. Ing. (FH) Jano Anter (Germany)

Task Force to Guide ICID Inputs to WWF-6 (TF-WWF-6)

New nomination

- VPH Dr. Saeed Nairizi (Iran)

Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY)

New nomination

- Mr. Simon E. Howarth (United Kingdom)

Task Force on Sedimentation of Reservoirs (TF-SEDIMENTATION)

New nomination

- Mr. Jack H. Meldrum (United Kingdom)

3.2 Websites of ICID Workbodies

So far, 22 workbodies have established their web pages. The WG-AMRWG, WG-IDSST, and WG-DROUGHT are yet to set up their websites.

Item 4 : Consideration of reports of Chairs of Workbodies followed by those of respective Strategy Theme Leaders

4.1 Presentation by Workbodies under the Strategy Theme – Knowledge (ST.K)

4.1.1 Committee on Public Relations and Publications (C-PR&P)

Highlights

At Yogyakarta meeting, the Committee noted that the primary focus was to review ICID communications including the News Update, ICID News and the website. The Committee recommended that the printing of the *News Update* should be resumed. The Committee urged the National Committee hosting the Congress to pay for the extra copies of the Congress transactions they had ordered. The Committee reviewed the ICID website and made several recommendations for updating and improving the site. The Committee noted that many of the Committees and Working Groups do not have websites.

The Chair will present his report at the meeting.

4.1.2 ICID Journal Editorial Board (EB-JOUR)

Highlights

At Yogyakarta, PH Dr. Bart Schultz reported that the Journal continued to grow and there was a significant backlog of papers. He also mentioned that the impact factor was greater than 1.0, an important indication of success and only about 25 to 33 percent of papers offered were accepted for publication. He also noted that the Board will explore going to "Open Access" when the current contract with Wiley would be completed in 2013. The Board expected two sponsored special issues in 2011 – one prepared by the WG-SDTA and the other based on selected papers of 24th and 25th European Regional Conferences. From the first issue of 2011, the Journal will be published on A-4 format with double columns.

The Chair will present his report at the meeting.

4.1.3 Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)

Highlights

WG organized a seminar on “History of Irrigation in Eastern Asia” in Yogyakarta. The WG proposed to organize a History Seminar on “Possibilities of using traditional methods in modern water management systems” during the Tehran Congress. WG decided to include in the current mandate, the new focus on governance, institutions and management issues of irrigation and drainage systems, sustainable development and integrated water management in rural areas. The Chair of the WG recommended that more National Committees may establish workbodies on ‘History of Irrigation, Drainage and Flood Control’. They will seek support from UNESCO, and possibly from the International Water History Association, to enable the Conference planning to proceed. Following the discussion, the Chairman noted that PCTA supports the proposal and recommends for approval to IEC.

The Chair will present his report at the meeting.

4.1.4 Working Group on Technology and Research Uptake and Exchange (WG-TRUE)

Highlights

At Yogyakarta, the WG meeting began with an internal workshop where four presentations were made. Subsequent to the presentations, discussions took place on the challenges faced while working with farmers to drive effective adoption of research outcomes. WG resolved that the current mandate should remain unchanged and the Group should endeavor to complete the ongoing activities by 2011.

The Chair will present his report at the meeting.

4.1.5 Synthesis and Recommendations by Theme Leader on Knowledge (ST.K)

The Deputy Theme Leader will synthesize the work done by various WGs within the Strategy Theme of Knowledge and offer his recommendations for further improvement of the workbodies’ performance. The recommendations will keep in view new proposed completion date of each workbody which has been in existence for a period of six years or more.

4.2 Presentation by Workbodies under the Strategy Theme – Systems (ST.S)

4.2.1 Working Group on Modernization of Irrigation Services (WG-MIS)

Highlights

At Yogyakarta, WG organized an internal workshop and the presentations made at the workshop will be uploaded on the WG’s website. The WG considered its work plan and proposed no changes. Proposals were sought from members in order to report final outcome of the WG by producing a special technical publication on modernization of irrigation services. The document will then be presented in Marseille (France) or in Adelaide (Australia) in 2012 at the completion of the tenure of the WG. The WG decided to support the Special Session on “Modernization of Water Management Schemes” by FAO during the Tehran Congress and encouraged the members to participate in the session.

The Chair/ Vice Chair will present a WG report at the meeting.

4.2.2 Working Group on Water Saving for Agriculture (WG-WATS)

Highlights

At Yogyakarta, the WG discussed about the award money amount and travel grants to the winners of WatSave Awards. The WG recommended that the Farmer award be continued and that the awards should be restored to US\$ 2,000; no travel grant would be included. The WG suggested that the rule regarding nominations be corrected as “The national committee/committee to nominate only one nominee per category.” The WG agreed to cooperate with WG-TRUE and WG-MIS for carrying out joint activities such as publication, workshop etc. The Group also agreed to update the work plan till 2013.

The Chair will present his report at the meeting.

4.2.3 Working Group on Drainage (WG-DRG)

Highlights

The database on “Drained area in the world” needs validation from respective National Committees and for this, respective Regional Working Groups will be invited to validate the data. The 11th International Drainage Workshop (IDW) will be held in Cairo, Egypt during 23-27 September 2012. The main theme of the workshop is “*Agricultural Drainage Needs and Future Priorities*” under which six topics and 27 subtopics will be addressed. The 12th IDW will be held in St. Petersburg, Russia in June 2014. Chair, WG informed that he had established the ‘Linkedin Agricultural Drainage Group’. At Yogyakarta, Dr. Robiyanto H. Susanto (Indonesia), Mr. Bernard Vincent (France) and VPH Dr. M.H. Amer (Egypt) made presentations on various topics.

The Chair will present his report at the meeting.

4.2.4 Working Group on the Role of Irrigation in Poverty Alleviation and Livelihoods (WG-POVERTY)

Highlights

At Yogyakarta, the WG reviewed its membership and objectives. The WG decided to prioritize its objectives for its Tehran meeting. The Work Plan for 2011 was discussed. VPH Dr. Vidal was requested to arrange the transfer of files from the current website hosted by CEMAGREF to the new website hosted by ICID.

The Chair will present his report at the meeting.

4.2.5 Task Force on Financing Water for Agriculture (TF-FIN)

Highlights

The members decided to continue its activities as a Task Force. The TF has planned to organise full-day Workshop during Tehran meeting on the topic “Water use charging systems and available financing of irrigation: Case studies for cross-country comparisons”. The TF considered three options to conclude its activities by bringing out – (i) an ICID position paper, (ii) a special issue of ICID Irrigation and Drainage Journal, and (iii) a report on TF activities and the final decision will be taken at the Tehran meeting. The TF also decided to consider alternative options for documenting the work done during the final meeting, either in Tehran in 2011 or in Adelaide in 2012.

The Chairman will present his report at the meeting.

4.2.6 Synthesis and recommendations by Theme Leader on Systems (ST.S)

The work done by various workbodies within the Strategy Theme of Systems will be synthesized and recommendations for further improvement of the activities of workbodies will be offered. Recommendations will keep in view new proposed completion date of each workbody which has been in existence for a period of six years or more.

4.3 Presentation by Workbodies under the Strategy Theme – Basin (ST.B)

4.3.1 Working Group on Water Management in Water Stressed Regions (WG-DROUGHT)

Highlights

The WG approved the publication of the Book “Irrigation under Drought and Water Scarcity”. For the final WG output, it was agreed that three theme leaders and members produce a comprehensive single document. The WG agreed on the timeline for completion of its mandate. The WG recommended the approval of the proposal by the International Centre for Agricultural Research in the Dry Areas (ICARDA) to lead an independent technical session on “Improving agricultural water productivity under scarcity and climate change in dry areas” during the 21st Congress since the output of the workshop could greatly enhance the activities of the WG.

The Chairman will present his report at the meeting.

4.3.2 Working Group on Sustainable Development of Tidal Areas (WG-SDTA)

Highlights

Dr. Park, Sang Hyun, Chair of the WG-SDTA, reported that the WG was planning to bring out its special publication 'SDTA Hand Book' at the end of 2010; however, it will now be published in 2011. Financial support has been arranged for the publication. WG desired to sponsor a special issue of the *ICID Journal* based on this document.

At Yogyakarta, Dr. Ruey-Chy Kao, Secretary provided the new mandate which was modified in the WG meeting. WG agreed to extend the tenure by 6 more years from 2011-2016 which was later approved by IEC on recommendation of PCTA. It was decided to elect new Chairperson, Vice-Chairperson and Secretary at the Tehran meeting of the WG. The Chair proposed a new work plan for the WG at Yogyakarta and the WG decided to hold a workshop in Tehran to consider the special issues on SDTA.

The Chairman will present his report at the meeting.

4.3.3 Working Group on Environment (WG-ENV)

Highlights

WG held its workshop on "Nutrient leaching from agriculture soils" at Yogyakarta. Mr. Clarke Ballard (Australia) made a presentation on "Water and nutrients in the Australian landscape" during the workshop. The WG considered issues emerging from new WG mandate like "Environmental aspects of irrigation and drainage projects", "Impacts of irrigation and drainage projects on human health", "Management of sustainable environment" etc. The WG discussed about the possibility of bringing out the ICID Position Paper of WG-ENV during the Tehran meeting. Members' possible contributions to new Freshwater Ecosystem Monitoring Working Group were solicited.

The Chairman will present his report at the meeting.

4.3.4 Working Group on Comprehensive Approaches to Flood Management (WG-CAFM)

Highlights

At Yogyakarta, the WG decided to develop a new mandate and tenure taking into consideration the suggestions from the members. A presentation was made by Mr. Husnain Ahmad on the "devastating floods in Pakistan in 2010". There were presentations from Indonesia and USA. The WG held a Workshop on the "Pakistan's Floods in 2010 – Lessons to be learned" in March 2011 with the help of PANCID and associate organizations. A workshop on "Value Engineering: Its Applications in Irrigation and Drainage" is proposed to be held during the Tehran meeting. Chairman Dr. Emami proposed to publish a booklet on "*Application of Value Engineering in Irrigation and Drainage Projects*" for circulation among the National Committees of ICID. USA, Turkey, Indonesia, Japan, The Netherlands, Iran, Pakistan, and Australia agreed to contribute to the International Levee Handbook (IHL) introduced during the Yogyakarta meeting.

The Chairman will present his report at the meeting.

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

Highlights

A *Symposium on Climate Change Impacts on Soil and Water Resources* will be held during the Tehran Congress. The WG agreed that a one-day Seminar at World Water Week (WWW) 2012 on the topic *Adapting Agriculture to a Climate Changing World* would be useful and that the conclusions and insights generated in the Tehran meeting could be further explored in the WWW 2012 session. The WG noted that the present mandate expires in 2011 and decided to extend its tenure up to 2014, which was approved by the Council. The ASRWG's ARTF-CC has proposed to bring out a new strategy based upon case studies presented at Yogyakarta meeting.

The Chairman will present his report at the meeting.

4.3.6 Synthesis and recommendations by Theme Leader on Basin (ST.B)

The work done by various WGs within the Strategy Theme of Basin will be synthesized and recommendations for further improvement of the workbodies will be offered. Recommendations will keep in view new proposed completion date of each workbody which has been in existence for a period of six years or more.

4.4 Presentation by Workbodies under the Strategy Theme – On-Farm (ST.OF)

4.4.1 Working Group on Water and Crops (WG-CROP)

Highlights

At Yogyakarta, the Chairman briefed the WG members about the automation and use of sensors for irrigation and fertilizer applications in many developed countries with reference to the *Precision Agriculture meeting* that was held in Denver, Colorado (USA) in July 2010. The WG agreed to add the concepts of 'Water Footprint' and 'Virtual Water' to the agenda and requested all members to contribute towards it. The Chairman will make his presentation on water footprints during the Tehran meeting. Mr. Mohammed Sadegh Jafari (Iran) to prepare a report on related Iranian Experiences and make a presentation during the workshop on "*Management of Agriculture under Climate Change*" to be held during the WG meeting in Tehran. The WG held successfully held an International Workshop on '*Water Saving Practices in Agriculture*' at Yogyakarta, where six valuable papers were presented.

The Chairman will present his report at the meeting.

4.4.2 Working Group on Use of Poor Quality Water for Irrigation (WG-PQW)

Highlights

The WG circulated technical papers related to wastewater reuse among members and also uploaded on its website. Chairman VP Dr. Ragab is liaising with the workbodies of WG-DROUGHT and WG-CLIMATE on issues of mutual interest and also contributed a chapter in a book compiled by WG-DROUGHT. The work plan was reviewed at the Yogyakarta meeting and decided to focus on WG's workshop during 63rd IEC meeting in 2012 in Adelaide and to continue various ongoing activities of the WG.

The Chairman will present his report at the meeting.

4.4.3 Working Group on On-Farm Irrigation Systems (WG-ON-FARM)

Highlights

At Yogyakarta, the latest statistical information on sprinkler and micro irrigated areas pertaining to 42 ICID member countries were circulated. For the nomination of 3rd Best Performing Workbody Award (BPWA), it was decided to submit the WG's candidature. A Workshop on "The New Hose Reel Machines for the Reduction of Economic Water and Energy Costs" was held on 3 June 2010 at the University of Florence, Italy. The workshop was organized by the Italian National Committee (ITAL-ICID) in collaboration with the Association of Manufacturers of Irrigation Machines (AMIS) of Italy. The outcome of the study and workshop was given wide publicity through ICID News, website and other publications.

The Chairman will present his report at the meeting.

4.4.4 Synthesis and recommendations by Theme Leader on On-Farm (ST.OF)

The work done by various WGs within the Strategy Theme of On-Farm will be synthesized and recommendations for further improvement of the workbodies will be offered. Recommendations will keep in view new proposed completion date of each workbody which has been in existence for a period of six years or more.

4.5 Theme Leaders

At Yogyakarta, PCTA decided that the Secretary General should work with a small team to develop a proposal to be presented to PCTA in Tehran on the need for or role of Theme Leaders.

In light of the above, the Secretary General in consultation with President, constituted the following team to develop a proposal to be presented at the Tehran meeting of PCTA.

- (i) VPH Prof. Hector Malano (Australia), Convenor; (ii) VPH Felix B. Reinders (South Africa), Member; (iii) VPH Larry D. Stephens (USA), Member; and VP Dr. László G. Hayde (Hungary), Member

The Team members were requested to communicate with each other electronically and prepare a report. The Convenor will submit a consolidated report to President, ICID. The report is expected to provide clear recommendations to the PCTA on (a) Whether the prevailing practice/ approach to be continued or not; if yes, suggest the ways and means to make it more effective., or (b) to assign the task of Theme leadership to Vice Presidents- with justification, or (c) propose any other arrangement.

The team was requested to complete its report by 30 June 2011; however the report is still awaited from the Convenor.

Item 5 : New Workbodies

Australian National Committee (ICID-NCA) proposed to establish an ICID Working Group on Millennium Development Goals (MDGs) to deal with the "Role of impact evaluation in maintaining momentum towards the MDGs through investments in irrigated agriculture sector". A background note (**Annex 1**) as prepared by the Australian National Committee was circulated amongst ICID National Committees / Committee in order soliciting to nominate expert to attend the meeting and participate in the deliberations for establishment of this important workbody. The background note provides the genesis and justification for the establishment of this Working Group, its proposed activities, work plan for the period 2011-2015 and presentations proposed at the kick-start meeting to be held in Tehran on 17 October 2011.

Item 6 : ICID Task Forces

6.1 Task Force to Guide ICID Inputs to WWF-6 (TF-WWF-6)

At Yogyakarta, the first meeting of the TF-WWF6 was held. It was decided that the Chairman of the Task Force and the Central Office would work in close cooperation with AFEID, FAO and other stakeholders of 'Water for Food Security' to prepare an informal proposal for the programme for this sector during WWF6. PH Dr. Bart Schultz, Chair TF-WWF6 attended the 2nd Stakeholder Consultation Meeting held on 17-18 January 2011 in Paris where the Core Groups stand formed on each one of the 12 Key Priority Issues. WWF6 invited ICID to be one of the members of the Nucleus Core Group on "Contribute to food security by optimal use of water". ICID nominated President Hon. Bart Schultz and was accepted as the Coordinator for Theme 2.2 by the Thematic Process Commission / 6th Forum Secretariat.

Chairs of the workbodies were invited to be the members of the TF. However, the response was lukewarm.

An interim meeting of the Task Force was held on the sidelines of the 24th European Regional Conference on 14 March 2011, which was chaired by President Prof. Chandra Madramootoo and discussed the targets under Key Priority 2.2: Contribute to food Security by optimal use of water". A group of AFEID members willing to contribute to Target and Solution Groups attended the meeting.

An International Conference on "Towards the 6th World Water Forum – Cooperative Actions for Water Security" was held in Tashkent, Uzbekistan on 12-13 May 2011, in which Secretary General Gopalakrishnan participated. A Concept Note in the light of the process development framework "From targets to solutions" adopted by the WWC and International Forum Committee, which sets successive steps for development of proposals on solution of urgent water problems towards the 6th WWF was prepared by the Regional Process Commission: Central Asia Cross-Continental Process.

A special session on *Water for Food Security with a focus on WWF6* is proposed to be held during the ICID Congress in October 2011 at Tehran, Iran.

ICID indicated its readiness to work with ICOLD on "By year 20yy increase by xx% the capacity of water storages in support of irrigated agriculture (either supplementary, deficit, or full irrigation) - within the framework of an environmentally sufficient and socially sound management" ICID had proposed to the Forum Secretariat that President Dr. Chandra Madramootoo will Co-chair a Session on this topic.

Organisers of international and national level ICID meetings were requested to pay due attention in providing possible inputs to WWF6.

Chair TF WWF6 may like to apprise the updates at the meeting.

6.2 Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY)

During the first meeting of the Task Force held at Yogyakarta, Chair Laurie Tollefson made a Power Point presentation on "*Water for energy or food*" providing a brief summary of the work of late Dr. Henri Tardieu towards formation the Task Force and an update since then. The group discussed the presentation and explored ways to move forward effectively.

The Central Office had circulated an invitation to all National Committees for membership of the Task Force. The Task Force is planning to organize a session at Tehran where presentations will be made on the most complex issue i.e. water for energy or food, evolving ICID's position on the subject as a logical next step.

Chair of TF will brief further updates at the meeting.

6.3 Task Force on Sedimentation of Reservoirs (TF-SEDIMENTATION)

The maiden meeting of the Task Force was held at Yogyakarta on 13 October 2010 where some professionals became members of the TF. To begin with a few aspects like (i) Watershed management, (ii) Step to avoid sediment deposition during construction and (iii) Management of sediment through (a) Regulation, (b) Support interventions and (c) Viable desilting innovations are decided to be taken up. Participants agreed to contribute and try to identify any other contributors through networking.

Chair of the TF will brief further updates at the meeting.

6.4 Revamping IPTRID

A special meeting on 'IPTRID-Way Forward' was organized at Yogyakarta on 13 October 2011. The meeting was attended by President Dr. Chandra Madramootoo, Dr. Pasquale Steduto of FAO and many other senior Office Bearers and NC Chairs. President made an elaborate presentation on the ICID's initiative to revamp the IPTRID and its new organizational structure. Earlier, Secretary General Gopalakrishnan has circulated a concept paper "Intensification of Irrigation and Drainage Research to Achieve Global Food Security" among all national committees, Chairs of workbodies, and Office Bearers to seek their views. At the Council meeting, President said that he had the counsel from all, favouring the new proposals and a desire for moving on to next steps formulating agreements. President ICID indicated that FAO and ICID would agree jointly on the termination of the existing obligations of FAO / IPTRID which has no staff support any more and little funding.

While terminating IPTRID in its earlier form of existence, an Intensification Programme as envisaged with the ownership and governance entirely in ICID offered brighter prospects. The proposal was discussed in ICID Management Board. It was felt that a smaller Advisory Committee should work with the various NCs and develop (i) a work program (ii) develop a functional support structure and (iii) develop regional research networks that will define the shape and format of the program. It has been proposed and agreed between ICID and FAO that FAO would lend FAO's convening power.

In this context, ICID has signed the Memorandum of Understanding with the Iranian National Committee (IRNCID), Chinese National Committee (CNCID), and also with the Regional Association on Irrigation and Drainage in West and Central Africa (RAID-ARID) and French National Committee (AFEID).

Subsequent to the above a "China Research and Training Center of International Programme for Technology and Research in Irrigation and Drainage" was launched at the hands of ICID President Chandra Madramootoo on 12 July 2011 in Beijing. The launch ceremony was held on the occasion of the CNCID-ICID International Workshop on Water Saving Irrigation and Food Security organized during 11- 14 July 2011 with the support of the Ministry of Water Resources, Govt. of China.

The Workshop is a maiden effort following the engagement under ICID's renewed efforts to invigorate the IPTRID, in tune with the Yogyakarta IEC decisions of ICID when a MoU was signed with CNCID for the purpose. The Workshop was opened by the Vice Minister, Ministry of Water Resources, China Mr. Jiao Yong in the presence of Prof. Jia Jinsheng, President ICOLD. In his Keynote Speech, ICID President Dr. Madramootoo urged on the need for Global Food Security and the Importance for Water Savings in Agriculture which shall drive the future technology and research in the sphere.

Secretary General may like to provide updates at the meeting.

B. ITEMS FOR INFORMATION

Item 7 : ICID's Cooperation with International Organizations

7.1 UN Organizations

- ***UN-Water***

ICID is one of the partner organizations of the UN-Water and has been contributing effectively to all UN-Water activities and meetings.

ICID was invited to participate in the shaping of the World Water Development Report (WWDR-4). ICID has been identified for collaborating/contributing in the challenge areas such as (i) State of the Resource, (ii) Food and Agriculture, (iii) Allocating Water, (iv) Valuing Water, (v) Investing in Infrastructure, its Maintenance and Operation and (vi) Impacts of Desertification, Land Degradation and Drought on Water Resources. ICID was invited in the preparatory process leading up to COP15, and Secretary General offered his comments during the preparatory process.

At the UN-Water meeting held in Stockholm in September 2010, UN-Water Thematic Priority Area on Water Quality was established. ICID was requested to be a member of this Task Force and accordingly name ICID's focal point. ICID was represented by Dr. Frans Huibers, Member, WG-PQW and a member of the Irrigation & Water Engineering Group at Wageningen University, The Netherlands. AFEID also joined the first teleconference on UN-Water Thematic Priority Area on Water Quality held on 09 September 2010.

ICID provided its inputs to the UN-Water Task Force to guide the preparation of a Status Report on the Application of Integrated Approaches to Water Resources Management, to be presented at the UNCSD meeting in 2012 ('Rio+20').

ICID was invited to the UN-Water Stakeholder Dialogue on "Sick water is threatening the MDGs: A stakeholder dialogue to address capacity development and communication needs" on 8 September 2010 during Stockholm World Water Week, Sweden. ICID was represented by Vice President Dr. Samia El-Guindy at the stakeholder dialogue.

A special meeting of UN-Water focused on the preparations and inputs to a pivotal event for the global water and developmental agenda, the Rio+20 Summit in 2012 was organized on 20 January 2011 at UN Convention Centre in Bangkok. On behalf of ICID, Vice President Chaiwat Prechawit attended and contributed at the meeting. The meeting discussed cross-link and synergize with major events such as World Water Week 2011 in Stockholm, Bonn 2011 Conference on Green Economy and the 6th World Water Forum in Marseille, France in 2012.

SG Gopalakrishnan represented ICID at the 15th meeting of UN-Water in Stockholm on 19-21 August 2011 during the World Water Week. SG also attended the meeting of the Working Group on Water Use Efficiency at Stockholm established under UN-Water mandate.

SG Gopalakrishnan will provide more details on these during the meeting.

- ***Food and Agriculture Organization of the United Nations (FAO)***

ICID has always maintained a very strong interrelationship with FAO for several decades now. FAO has been regularly attending ICID's annual International Executive Council meetings as a Permanent Observer and has also been effectively represented in 17 ICID workbodies.

ICID was invited to various meetings and sessions of FAO of the United Nations from time to time. Prof. Dr. Maria Elisa Venezian Scarascia, Secretary General, ITAL-ICID is ICID's permanent representative for FAO meetings held in Rome.

When FAO meetings are held away from Rome, the concerned ICID National Committees are requested by Secretary General to send their representatives so as to have ICID representation / participation. ICID also widely disseminated FAO outputs (publications, CD-ROMs, etc.) at the country level among its stakeholders.

President, ICID held elaborate discussions with Dr. Pasquale Steduto of FAO on revamping of the International Programme for Technology and Research in Irrigation and Drainage (IPTRID) in Yogyakarta during ICID's 61st IEC

meeting. At the initiative of FAO, a Round Table on “Water for Food Security” was held in Yogyakarta where it was decided that ICID will work in close cooperation with FAO and other stakeholders of “Water for Food Security” to prepare an informal proposal for the programme for this sector during 6th World Water Forum in March 2012.

Secretary General joined the FAO's Regional Workshop on “Analysis of Sustainable Water Resource Use” in the Asia Pacific region from 21-22 December 2010 in Bangkok, Thailand on invitation from FAO. THAICID and ASRWG were also represented in the FAO's Regional Workshop respectively through ICID Vice President Chaiwat Prechawit (Thailand) and Dr. Tai-Cheol Kim (Vice Chair of ASRWG). The latter made a presentation on possible collaboration areas between ICID-ASRWG and FAO-RAP while SG made another introducing ICID and its significant contributions for the WWF-5 coordinating a consortium of over 56 global water organisations. The workshop aimed to identify collectively define and identify issues relating to Sustainable Water Use. It came out that there were more preferences on knowledge pooling by improved information flows and creation of the ‘Centres of Excellence’ and ‘Knowledge Networks and Partnerships’.

ICID and FAO are Core Group members for the Key Priority 2.2. “Contribute to food security by optimal use of Water” of the 6th World Water Forum, under which nine Targets will be addressed. FAO will act as the Coordinators for Key Priority 2.2 while ICID will be the Co-Coordinator.

Dr. Thierry Facon, Senior Water Resources Specialist, FAO Asian and Pacific Regional Office participated in an International Workshop on Water Saving and Food Security was jointly organized by ICID and CNCID from 11-14 July 2011 in Beijing China prior to the establishment of IPTRID Training Centre at Beijing.

SG Gopalakrishnan participated in the FAO meetings in Stockholm on “Water for Food Security: Call for Solutions” in August 2011.

SG Gopalakrishnan will provide more details on these during the meeting.

- **World Water Assessment Programme (WWAP)**

In an ongoing effort to make the United Nations World Water Development Report more relevant to all of its target audiences, the World Water Assessment Programme (WWAP) is carrying out regular consultations with stakeholders from all fields to identify specific needs or issues and emerging challenge areas. ICID support was sought in provisioning experts for involvement in the review exercise of chapters related to water related drivers. Secretary General Er. M. Gopalakrishnan is one of the TAC members to advise on the architecture and contents of this report. Offers were invited from the National Committees and in response the experts from the NCs of India, Iran, Netherlands and USA have volunteered to contribute towards the review exercise.

ICID has so far contributed to the Chapters on “Food and Agriculture Challenge Area, “Valuing Water” besides offering its comments on Modules I and II of WWDR-4 after circulating the same within ICID family. Responses received from the National Committees have been collated and sent to the Coordinator, WWAP and UNESCO for further action. The WWDRs are usually released during the World Water Forums. Inputs as required for the chapter writers, wherever feasible, have also been provided.

Secretary General has accepted the invitation to serve as member of the International Technical Advisory Committee (TAC) for the first edition of the “Water for Life” Best Practices Award to be presented at a Special Ceremony on World Water Day, 22 March jointly instituted by the United Nations Office to Support the International Decade for Action “Water for Life” 2005-2015 / UNW-DPAC and WWAP. Secretary General has reviewed around 31 applications received in English and sent his evaluation together with his comments as to how to improve upon the future editions of the Award which were duly appreciated by the organizers.

- **International Fund for Agricultural Development (IFAD)**

IFAD is a Permanent Observer at the IEC meeting of ICID and was duly represented at Yogyakarta IEC meeting by Mr. Ganesh Thapa, Regional Economist and presented a paper on “Small-scale irrigation and poverty reduction in Asia”.

ICID has a Permanent Observer status at the Executive Board of Governing Council of IFAD. ICID had been co-opted by a MoU given its roles of rural poverty alleviation and livelihood with agricultural water management. ICID was invited to participate in their 34th Session of the Governing Council held on 19-20 February 2011 in Rome, Italy. The overarching theme of the Session was “Investing in Youth” on account of International Year of Youth and an

interactive plenary panel discussion was held on the topic “Feeding future generations: rural youth today, prosperous farmers tomorrow”. Vice President Lucio Ubertini was requested to represent ICID at the Session.

SG held scoping opportunities to work with IFAD by discussions held extensively with President, IFAD, Dr. Rudolph Cleveringa and both sides agreed to work out strategies in this regard by interaction.

SG Gopalakrishnan will provide more details on these during the meeting.

- **World Meteorological Organization (WMO)**

ICID has a consultative status with WMO and is also represented in a number of ICID’s technical workbodies.

ICID was invited to WMO’s following meetings:

- 15th Session of Regional Association I (Africa) of the World Meteorological Organization (WMO), Marrakech, Morocco, 01-08 November 2010
- 16th World Meteorological Congress of the World Meteorological Organization (WMO), Geneva, Switzerland, 16 May to 03 June 2011

ICID’s representation was organized through its National Committees in the region/country. VPH Dr. Hafied Gany, Vice President, ICID and Dr. Ir. Roestam Sjarief MNRM, Chairman, INACID represented and contributed on behalf of ICID at the Bali meeting of WMO’s Regional Association for South-West Pacific.

- **UNESCO**

The UNESCO-IHE has been teaching generations of water experts for over half a century. ICID is the largest and only international NGO specializing in management of irrigation, drainage, and flood for food production, since its establishment in 1950 has provided an international platform for networking, policy debates and dialogue. VP Dr. Laszlo Hayde also acts as a liaison person between the two organizations. ICID is keen to publish research findings of young water professionals. Its high profile and wide international network can be used to disseminate the knowledge.

7.2 World Water Council (WWC)

As a result of ICID’s initiatives during the 5th World Water Forum, the “Water and Food Security” is one of the themes for WWF6. This shall lift ‘*water for agriculture*’ up in the global agenda.

PH Dr. Bart Schultz, Chair, TF-WWF6 attended the 2nd Stakeholder Consultation Meeting held on 17 and 18 January 2011 in Paris where the Core Groups were formed on each one of the 12 Key Priority Issues. WWC/WWF6 invited ICID to be one of the members of the Nucleus Core Group on Key Priority 2.2 “*Contribute to food security by optimal use of water*”. ICID nominated President Hon. Dr. Bart Schultz and was accepted as the Coordinator by the Thematic Process Commission / 6th Forum Secretariat.

ICID as a member of NCG would contribute to the preparations on Water and Food Security. The lead will be by FAO, one of the Governors of WWC. There are nine targets under the main theme. ICID together with FAO shall help to handle the Target II viz: “By 2020, sustainably increase by X% - as compared to 2005 - 2007 baseline - water productivity per unit land and per year (yield per m³, per ha and per year) of irrigated agriculture (for specific crop categories)”. Yet another one, Target V relating to “By year 20yy increase by xx% the capacity of water storages in support of irrigated agriculture (either supplementary, deficit, or full irrigation) - within the framework of an environmentally sufficient and socially sound management” is also of ICID’s interest. ICID offered to help contributing on it too partnering with ICOLD. A group of AFEID members will also be contributing to various Targets as members of Target and Solution Groups.

SG Gopalakrishnan represented ICID at the International Conference organized by the Government of Uzbekistan and World Water Council in Tashkent on 12 and 13 May 2011 aimed at considering an appropriate regional agenda for the 6th World Water Forum in Match 2012 in Marseille, France. “Cooperative Actions for Water Security” was the theme of the event. The participation was rich and included several global organizations including UN and UN Water members and partners. Vice President Hons. Dr. Victor Dukhovny, Peter Kovalenko and Secretary General were Office Bearers of ICID who joined the inaugural and plenary / round tables and spoke. All of them contributed to the theme on “Adoption of Innovations in Agriculture in order to achieve Food Security”, a topic close to ICID

objectives. The key contribution to the conference was Concept Note from VPH Dukhovny who highlighted the regional situation and desirable “solutions” to achieve targets indicated in the main theme document of WWF-6 in circulation. The changing dynamics of irrigated agriculture in Central Asia and East Europe in respect of management of land for irrigated (and drained) agriculture, emerging issues and challenges were the focus of the presentation by VPH Prof. Peter Kovalenko. SG explained in detail ICID’s efforts for generating meaningful inputs to the theme by consultations with global organizations.

During the Stockholm World Water Week, the forum organizers and WWC held Stakeholders’ consultations on various themes and targets. FAO and ICID joined the meeting to flag in issues in a prescribed format titled “solution kits”. Efforts are however to continue to refine the draft in consideration.

SG Gopalakrishnan will provide more details on these during the meeting.

7.3 International Water Management Institute (IWMI)

IWMI has been represented in various technical workbodies as a Permanent Observer.

On 24-25 February 2011, IWMI in cooperation with GWP has organized a Workshop on “Climate Change, Food and Water Security” in Colombo, Sri Lanka where ICID has provided its view point and inputs through its Secretary General.

7.4 International Water-related Associations’ Liaison Committee (IWALC)

ICID Central Office acting as the IWALC Secretariat circulated the summaries of the activities of IWALC members on regular basis. For quite some time, IWALC meetings could not be organized since the member organizations find it increasingly difficult to come together due to financial constraints. However, SG ICID has written to IWALC members for convening a meeting in Stockholm in August 2011 during the World Water Week, based on their responses from IWALC members. SG will provide more details on these during the meeting.

7.5 International Standards Organization (ISO)

ICID has been participating in the ISO Technical Committee TC23/SC18 (Irrigation and Drainage Equipment). With the cooperative arrangements between two organizations, ISO also acts Permanent Observer in ICID WG-ON-FARM.

ICID was invited to attend the 30th meeting of the TC23/SC18 to be held in Tel Aviv, Israel on 14-18 November 2011. Mr. Bruno Molle has been requested to represent ICID at the meeting, based on the suggestion from VPH Felix B. Reinders, Chairman, WG-ON-FARM.

7.6 McGill University, Montreal, Canada

The Board of Governors, McGill University at its meeting held on 25 May 2010 formally approved the creation of the McGill Institute of Global Food Security in the Faculty of Agricultural and Environmental Sciences at McDonald Campus in Canada.

The third in series “*Global Food Security*” Conference, organized by McGill from 19-21 October 2010, concentrated on the specific subject of water and nutrition related to food security with a rich participation of ICID representatives – PH Dr. Bart Schultz on the topic ‘*Food Production in Humid Tropics*’ and VPH M. Ait Kadi on ‘*Water- Agriculture-International Trade*’ in a special session on “*Global Water look and international response for food security*”, while VPH Dr. Gao Zhanyi and Secretary General Gopalakrishnan covered the Water Management Scenarios in China and India respectively. President Dr. Madramootoo’s role in organising this global initiative of McGill’s Faculty of Agricultural and Environmental Sciences, to raise the awareness about the scope of the challenges to food security worldwide, and advancing research in all related areas linked to food security is a matter of pride for ICID. A multi-disciplinary and overarching programme in McGill Campus, which would encompass all facets on Food Security which emerged as a result of the past three annual conferences, was well received.

The 4th McGill Conference on Global Food Security on the theme “Risks and Threats to Food Security” will be held from 4-6 October 2011.

7.7 The World Bank

The association of the World Bank in ICID activities continued to gain strength. World Bank extended a limited support to enable participation of representatives from countries who have financial difficulties in ICID annual meetings.

7.8 Asian Development Bank

ICID was invited by Asian Development Bank (ADB) to its various meetings and the recent one being the Conference on “Water Crisis and Choices” held in Manila from 11-15 October 2010 where President Hon. Keizrul bin Abdullah represented ICID and handled ICID’s contributions to Session 2.2 on “*Technologies in Irrigated Agriculture, Costs and Benefits*” under Theme 2 on “Water in Food: Productivity Gains”.

Secretary General had very useful discussions with Mr. Arjun Thapan, Special Senior Advisor to the President for Infrastructure and Water and Vice Chair of the WEF Global Council on Water Security, Asian Development Bank on 13 January 2011 during his visit to Delhi. One relates to the ‘*Way forward on the Intensification of Irrigation and Drainage Research to achieve Global Food Security*’. The other key item relates to ‘*Broadbasing of ICID membership*’. This inter-alia, covered ICID’s fresh efforts to invigorate the Intensification of Research and Development in Irrigation and Drainage Sector involving its NCs. Mr. Thapan informed about ADB’s efforts to promote better water management in the region and the new initiative through Global Water Resources Group. Preliminary discussions were held on the scope for cooperation in the Research and Development. ADB’s enthusiasm to see ICID’s renewed efforts in promoting innovations in water savings succeed was apparent during mutual exchanges. More discussions on these were agreed to for future.

7.9 Global Water Partnership

Vice President Hon. Dr. Mohamed Ait Kadi, President of the General Council of Agricultural Development in Morocco was invited by GWP to take over as Technical Chair of the body. His new assignment helps bring ICID and GWP closer given his strong connections with both the organizations.

GWP invited ICID to attend Day 2 of the GWP Consulting Partners meeting in Stockholm on 19 August 2011. They desire ICID’s participation in the discussion on “Addressing water and food security together: Partnership with agricultural organizations, disaster agencies and other key allies”. They also requested ICID to address on the ways in which GWP can support ICID’s work and programmes on water for sustainable agriculture. SG Gopalakrishnan represented ICID at the meeting.

7.10 International Commission on Large Dams (ICOLD)

Secretary General Gopalakrishnan attended the 79th International Commission on Large Dams (ICOLD) Council meetings in Lucerne, Switzerland from 29 May to 03 June 2011 on invitation from the Organizers. Secretary General held discussions with ICOLD President Prof. Jinsheng Jia on areas of cooperation between the two organizations. ICID President Chandra Madramootoo would co-chair a Session to be chaired by ICOLD President on ‘Storage’ under Theme 2.2 for the forthcoming 6th World Water Forum in Marseille in March 2012.

Item 8 : ICID Congresses/Conferences

8.1 24th European Regional Conference, Orleans, France, 14-16 March 2011

The 24th European Regional Conference of ICID on the theme “Groundwater Resource: An Essential Resource to be Saved and Managed” was successfully held on 14-16 March 2011 in Orléans, France. The Conference was attended by 300 participants from 20 countries and more than 100 papers were presented and deliberated in two plenary sessions – Key Notes presentations and Beauce session — and under six parallel topics. The Proceedings and the presentations of the conference are available on the Conference website: http://www.groundwater-2011.net/program_and_proceedings

8.2 25th European Regional Conference, Groningen, The Netherlands, 16-20 May 2011

The 25th European Regional Conference on the theme “Integrated water management for multiple land use in flat coastal areas” was successfully co-hosted by the National Committees of Germany and Netherlands in Groningen, The Netherlands from 16-20 May 2011. About 150 participants from 24 countries attended the Conference, with a fieldtrip to the northern coastal area of Germany. In total 57 papers were approved for presentation at the

Conference and there were 11 keynote presentations, several workshops, a panel discussion, excursions and a social programme.

An ICID Groningen Declaration was issued which is available on the Conference website: www.icid2011.nl together with other outcome.

8.3 3rd African Regional Conference, 29 November - 5 December 2011, Bamako, Mali

The 3rd African Regional Conference, as approved in Lahore and New Delhi IEC meetings, will be held at Bamako, Mali from 29 November to 05 December 2011. The main theme of the Conference is "Food Security and Climate Change: How to improve the contribution of irrigation and drainage?" which aims to propose strategies and policies that will allow the irrigation to play its role in securing agricultural production. The first and second announcements and call for papers were issued and are uploaded on the website: <http://www.amid-mali.org>

8.4 62nd IEC and 21st International Congress on Irrigation and Drainage, and 8th International Micro irrigation Congress, 15-23 October 2011, Tehran, Iran

The Iranian National Committee of ICID (IRNCID) is hosting the 62nd International Executive Council Meeting and 21st International Congress on Irrigation and Drainage together with 8th International Micro-Irrigation Congress from 15-23 October 2011 in Tehran, Iran. The Tehran Congress focuses on the theme "Water productivity towards food security". Some 241 papers were accepted for oral and poster presentations under Congress Questions, Special Session and Symposium. A number of workshops/seminars/special sessions will also be organized on various topics in conjunction with the Congress.

The preparations for the IEC and Congress are progressing well. The schedule of various workbody meetings, workshops, symposia, seminars, special sessions and Congress sessions has been finalized and details are available on Congress website <<http://www.icid2011.org>> which can also be accessed through ICID website <<http://www.icid.org>>.

8.5 63rd IEC Meeting and 7th Asian Regional Conference, 24-29 June 2012, Adelaide, Australia

63rd IEC meeting and 7th Asian Regional Conference will be held in Adelaide, Australia from 24-29 June 2012. The Australian National Committee representative will provide more information about the IEC and Conference.

8.6 64th IEC Meeting and 8th Asian Regional Conference, October 2013, Mardin, Turkey

The 64th IEC Meeting and 8th Asian Regional Conference will be hosted by the Turkish National Committee of ICID (TUCID) in October 2013.

TUCID representative will provide more information about the IEC and the Regional Conference.

8.7 65th IEC Meeting and 22nd International Congress on Irrigation and Drainage, 2014, Seoul, South Korea

At Yogyakarta, Dr. Tai Cheol Kim representing Korean National Committee of ICID (KCID) presented the preliminary theme and topics for the Seoul Congress.

The Central Office had invited suggestions from National Committees/Committee for the Theme, Topics (and sub-topics, where relevant) for the Congress Questions (Nos. 58 and 59), Special Session and Symposium for the above Congress. A Work Team to Develop Topics and Subtopics for the Congress has been constituted that includes 2 members of PCTA (VPH Dr. Hector Malano and VPH Dr. Mark Svendsen) in addition to the Convenor (Dr. Tai Cheol Kim, KCID representative). The suggestions received from the National Committees were sent to the WT on 18 July 2011 to develop detailed scope of the topics and sub-topics proposed for the 21st Congress. The draft proposals as received from Dr. Tai Cheol Kim, Convenor of the WT is placed at **Annex 2** for PCTA's consideration and review.

Item 9 : Best Performing Workbody Award (BPWA)

The ICID Central Office vide its e-mail dated 04 January 2011, and subsequent reminders, invited nominations for the 3rd Award for the Best Performing Workbody (BPWA-3) from all the Chairs of ICID Workbodies.

The evaluation of the Award will be based on the various facets/achievements demonstrated by the participating workbodies between the two consecutive Congresses, viz. 20th and 21st Congresses.

In response to the invitation by the ICID Central Office, Chairs of three Workbodies have applied for the Award. These are – (i) Asian Regional Working Group (ASRWG), (ii) Working Group on Sustainable Development of Tidal Areas (WG-SDTA), and (iii) Working Group on On-Farm Irrigation Systems (WG-ON-FARM).

The documents received from the contending work bodies were referred to the Panel of Judges for decision. The Panel, after a detailed evaluation to credit various aspects in adjudging their merit, congratulated all the contending workbodies for their submissions that are well articulated, declared their decision in favour of WG (SDTA) as the winners.

Item 10 : Best Performing National Committee Award (BPNA)

Vide e-mail dated 06 December 2010 and subsequent reminders dated 14 February and 01 April 2011, the Central Office invited nominations from ICID National Committees/Committee for the 3rd BPNC Award.

In response to the invitation, the following NCs applied for the 4th BPNA:

- (i) Japanese National Committee of ICID (JNC-ICID) and (ii) South African National Committee of ICID (SANCID)

The documents received from the NCs with the applications were referred to the Panel of Judges (POJ) for decision. While congratulating both the submissions on their contents / actions PoJ had announced their final decision in favour of SANCID. The rolling Trophy and a Citation Plaque will be presented to SANCID during IEC.

Item 11 : N.D. Gulhati Memorial International Lecture

The Central Office has invited nominations from the National Committees/Committee for a distinguished Lecturer to deliver the forthcoming 'N.D. Gulhati Memorial Lecture for International Cooperation in Irrigation and Drainage' at the 21st ICID Congress in October 2011 vide its e-mail dated 04 January 2011. The invitation was repeated through Central Office e-mails of 14 February, 01 April and 27 April 2011.

In response to the invitation letter circulated to the NCs, the following nomination was received for delivering the Gulhati Memorial Lecture:

Dr. Charles Michael Burt of US Committee on Irrigation and Drainage (USCID)

A 'Nomination Committee' comprising President Chandra Madramootoo (Chair), VPH Dr. Felix B. Reinders, Chair, PCTA, VPH Dr. Hafied A. Gany, Chair, PCSO and Secretary General Er. M. Gopalakrishnan considered the nomination received from the NC and recommended the nomination of Dr. Charles Michael Burt to be invited as the Distinguished Lecturer to deliver the N.D. Gulhati Memorial Lecture at the Tehran Congress (2011).

Item 12 : Any other business

**Background Note for starting the Working Group on MDG for ICID on
ROLE OF IMPACT EVALUATION IN MAINTAINING MOMENTUM TOWARDS
THE MDGS THROUGH INVESTMENTS IN IRRIGATED AGRICULTURE SECTOR**

[To be discussed in the 62nd International Executive Council (IEC) Meeting of ICID
Tehran, Iran, October 15-23, 2011]

Introduction and justification

Water is the nexus, and a key factor in achieving the Millennium Development Goals (MDGs) in low- and middle-income countries –the developing world. Since 2000, several international financing institutions and donor agencies have been investing in development innovations to help achieve the Millennium Development Goals (MDGs) by the year 2015. Investments (both past and present) in irrigated agriculture, particularly supporting the resource-poor smallholders, and related social sectors such as rural infrastructure, healthcare, literacy and education, water and sanitation, and gender empowerment, etc., have helped to build momentum towards achieving the MDGs, and thus safeguard the political economy of development in the developing world. In countries like Afghanistan, Pakistan and India, such investments are also part of the global counter-terrorism strategy. It is however not clear which investments are most effective.

Climate change, water (floods/droughts) and food security are inextricably interlinked, and their compounding impact threatens the survival and wellbeing of people in the developing world. Recent floods/droughts have changed the perception of water use, management and development for irrigation (including both the large-scale and small-scale irrigation), drainage (both on-farm and off-farm), and flood control (covering local as well as basin-scale dimensions) at local, regional and basin levels. Unprecedented global transformation currently underway is posing a new set of challenges to such investments. The climate change and variability really calls for a revolution in the hydrology theory to achieve long-term water security for people and the environment. Therefore, in the climate changing world, there is a need of setting the future directions for investments that can help maintain (and enhance) this momentum beyond 2015.

This new direction have not been created yet either. However, such future directions can be derived from our learning / knowledge about the effectiveness of the past and present investments in achieving the MDGs. For instance, by providing and summarising, evidence of what worked, when, why, how much and for whom –the impact evaluation studies, the proposed working group can positively contribute in setting the right direction for future investments in irrigated agriculture sector. In the developing countries, the resource-poor smallholders and rural landless including women, who work as agricultural labourers, sharecroppers and tenants in the irrigated agricultural-based rural communities, are at the forefront of water and food security issues.

The impact evaluation outcomes, using the principals and guidelines developed by the 3ie –International Initiative for Impact Evaluation (<http://www.3ieimpact.org/>), will be used to help improve the investment outcomes and lives of people at the forefront of water and food security issues, thereby achieving the MDGs. Each year a specific topic will be selected for such studies, and the interested participants from all the National Committees will propose the relevant projects, interventions and initiatives from the developing countries. The participating participants will get technical support for undertaking these studies. The participants will also have opportunity to attend WRITESHOPS for preparing journal publications, policy briefs, etc., using their impact evaluation reports.

Proposed activities

The proposed activities for the Working Group are given as under:

- Online Liaison Facility: Develop a web-based user-friendly platform for information sharing and update among the participating participants of the Working Group,
- Global Knowledge Partnership: Provide detailed guidance and technical training / support for undertaking the rigorous impact evaluations, and
- Grooming Young Scientists: Organize annually a Writeshop to present, review and help produce high quality manuscripts ready-to-submit in the ISI Indexed Journals with Impact Factor.

For a WRITESHOP, the idea is to:

- Open call to submit the brief case-studies, using a well-defined format, on the selected themes;
- Review to shortlist the submissions, and provide guidelines to develop the detailed case studies;
- Liaison and give timely feedback to help develop the full-length manuscripts on the detailed case studies;
- Convene for the oral presentations, and provide constructive comments to improve the manuscripts; and
- Organise a session to help the participants to address the raised comments, and submit the completed manuscripts for journal publications.

The selected manuscripts will find their final destination in either of the following international journals:

- Agricultural Water Management, Elsevier (preferably, to avoid self-advocacy and to ensure wider outreach)
- Journal of Development Effectiveness, Taylor & Francis (3ie journal)
- Irrigation and Drainage, Wiley-Blackwell (ICID journal)
- Hydrogeology Journal, Springer (IAH journal)

Work plan 2011-2015

This Working Group will focus on the recent and/or current projects, interventions and initiatives that come under the category of:

- Agricultural and rural development (like agricultural subsidies, small grants, support for smallholders, extension services, crop production, etc)
- Economic and financial development investments (like market access, financial access, value chain finance, financial inclusion, agro-industries, agricultural loans, private investments, farm income support, rural livelihood, etc).

To covers this broad spectrum of projects, interventions and initiatives, the following topics are tentatively proposed for the WRITESHOPS:

- 2011: Impact Evaluation of Community Development Projects for Rehabilitation of Salt Affected and Waterlogged Lands on Rural Livelihood, Healthcare and Gender Empowerment
- 2012: Impact Evaluation of Crop Maximization Support Projects on Food Security and Rural Development in the Developing World
- 2013: Impact Evaluation of Farmers' Organizations and Agricultural Innovation Projects on Food Security and Poverty Reduction in Irrigated Agricultural Communities
- 2014: Impact Evaluation of Mass Awareness for Water Conservation and Development Projects on Food and Water Security under Climate Change Impacts
- 2015: Impact Evaluation of Irrigation Development and Modernization Projects on Rural Livelihood and Environmental Sustainability in the Low- and Middle-Income Countries

Kick-start Meeting

To pilot the process of new WG-MDGs, a maiden meeting is scheduled on 17 October 2011 (11:30 – 12:30 hours) in Tehran, Iran. The sole objective of this meeting is to discuss about the MDG and to explore the possible membership from the ICID National Committees.

In this meeting, presentation(s) are planned to cover the following:

1. 15 mins (Munir Hanjra): Introduction to MDGs and the linkages with ICID
 - a. What are the MDGs, and which ones are appropriate for ICID?
 - b. Current status, hindering issues, and options for future direction(s)
 - c. Explain the role ICID can play in taking MDGs to 2015 and beyond

2. 15 mins (Howard White): A guide to impact evaluation for water sector investments: Are we really helping the world's poor?
 - a. Differentiating between M&E, performance evaluation, and impact evaluation: Examples from water sector investments
 - b. Impact evaluation concepts and tools
 - c. What role IE can play in taking MDGs –to 2015 and beyond?
 3. 15 mins (Nadeem Asghar): Proposal for formation of the Working Group
 - a. Key features
 - b. Proposed activities
 - c. Tentative work plan
 4. 15 mins (Willem Vlotman): Discussion and feedback from the participants
 - a. Q&A to help streamline the proposed activities and the tentative work plan for this working group
 - b. Finalize decision on whether to request formation of new Working Group
-

**THEME AND TOPICS FOR THE 22ND CONGRESS
SECURITY OF RURAL WATER AND COMMUNITY IN RELATION TO CLIMATE CHANGE**

Question 58: Policy and Adaptation to Climate Change

58.1 Irrigation and Drainage Facility and Management

Keywords for scope: Improvement of the irrigation and drainage systems, Integrated water resources management (IWRM), New design criteria, New project evaluation technique, Debate on large dam construction, Change in irrigation water demand for crops, Operation of reservoir and diversion weir, Sustainable groundwater usage, development and protection,...

58.2 Natural Disaster Prevention

Keywords: Flood forecasting techniques, Flood control and management, Drought prevention and alleviation, Drought index and evaluation, Change in heavy snowfall and snow melting, Disaster prevention standards, Sea dike safety relating to the sea level rise, Assessment of irrigation and drainage system impacts on rural community, Risk and vulnerability assessment...

58.3 Innovative Technology

Keywords: Future emission scenarios, Downscaling methods, Climate-land surface-crop model, Innovative technology including TM/TC, GIS/RS and IT, Climate change adaptation technology for irrigation and drainage...

58.4 Green Technology and Green Growth

Keywords: Greenhouse gas (GHG) reduction methods in paddy and upland fields, Carbon sequestration, New and renewable energies for irrigation and drainage systems, Sustainable agriculture practices and methods, Smart water grids...

58.5 Land Use Change

Keywords: Land use changes in agricultural landscapes, Impacts of bio-energy crop on rural land use, Current trends in rural land use changes, Land uses in tidal polder area, Land use change considering natural ecology, Changes in crop production and irrigation patterns, Methodologies for modeling climate change impacts on land use, Factors in land use change ...

Question 59: Security of Food and Rural community through Irrigation & Drainage

59.1 Development and Management for Irrigation and Drainage System

Keywords for scope: Food and irrigation water security, Rehabilitation and modernization of irrigation and drainage facilities, Drainage and flood management in waterlogged areas, Integrated water resources management (IWRM) for irrigation, Water productivity and efficiency in greenhouse farming, Multiple roles for irrigation water, Changes in farm and natural ecology due to irrigation and drainage, Environmentally sound water resources development, Improvement of poor water quality for irrigation use, Environmental water supply, Ecological aspects of irrigation and drainage canals...

59.2 Governance for Water Security and Livelihood of Rural Community

Keywords: Participatory irrigation management (PIM), Water law and water right, Water pricing, Financing the irrigation and drainage projects, Roles of stakeholders of rural community for the development, Improvement of livelihood of rural community, Institution for operation and maintenance of irrigation and drainage systems, Capacity building...

59.3 Micro-irrigation Technology for Crop and Water Productivity

Keywords: Current trends in micro-irrigation, New technologies in micro-irrigation, Agricultural productivity and micro-irrigation, Impact of micro-irrigation on ecology and environment, Sustainable ground water management, Greenhouse micro-irrigation, Salt accumulation and leaching processes, Micro-irrigation system design...

59.4 Improvement of Irrigation Efficiency

Keywords: Water harvesting and conservation, Water saving technique, Water reuse for irrigation, Automated and rotational irrigation scheduling systems, New technologies to improve irrigation efficiency, System of rice intensification (SRI), Efficiency of integrated irrigation and drainage management systems, Conjunctive use of surface and ground water, Water quality management of irrigation reservoir...

59.5 Inter-basin Water Transfer and Water Sharing

Keywords: Inter-basin cooperation for productive use of limited water resources, Effective use of series of cascade dams, Integrated network and conjunctive use among water utilities, Solution of water conflict for water transfer in the domestic watersheds and in the international rivers...

Special Session: New partnership for Rural Development

Scope: The MDG's goal to reduce the rate of population without proper supply in drinking water and sanitation within 50% by 2015 seems very difficult to achieve. Large portions of the population who have little access to proper drinking water supplies live in rural area. It is believed that improving irrigation and drainage systems and rural development as well as increasing food production will play a key role in achieving the aforementioned goal.

Prospective keywords of the special session may include the followings:

- Evaluation of the international cooperation for rural development in the 20th century
- New trends in international cooperation for rural development in the 21st century
- Implementation strategy for the activation of rural development project in ODA
- Development and implementation strategy for site specific drinking water and sanitation systems in developing countries
- Respective role of UN agencies, donor countries and institutions for holistic implementation of ODA projects in rural areas and developments
- Roles and contributions of ICID member countries and other NGOs to the successful advancement of MDG's goal

ICID 2014 Congress in Korea would like to host a special session for the implementation, discussion, exchange, and evaluation of strategies and methodologies among UN agencies, donor countries and institutions. **KCID proposes to increase the number of paper up to 24 for one day special session instead of one paper per country and limited number of maximum 12 papers.**

Symposium: Non-point Sources Pollution and Best Management Practices (BMPs)

Prospective keywords for the symposium may include the followings:

- Water quality management of agricultural reservoirs and rural watersheds
- Soil erosion, muddy water and sedimentation
- Effects of irrigation and drainage methods on NPS pollution
- Effects of structural and non-structural BMPs on productivity and water quality
- Incentives for agricultural BMPs and legal policies to promote agricultural BMPs
- Impact of total maximum daily load (TMDL) on water quality in rural watersheds

Seminar:

Agenda for the Fourteenth Meeting of the
WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE AND FLOOD CONTROL (WG-HIST)
 Tehran, Iran
 16 October 2011: 09.00-12.30 hours
Strategy Theme: Knowledge

Year of Establishment: 1998

Completion of the Mandate: 2014

Mandate: To motivate ICID National Committees in various countries to set up their National Working Groups and provide them guidance to compile, publish, update and/or translate documents on history of irrigation, drainage, flood management, and river engineering, incorporating relevant agricultural, political, socio-economic, climatological and geographical aspects for proper understanding of the technological developments in the subject, if possible chronologically. Furthermore, to organize seminars at ICID Congresses, in order to show the importance of historical studies and as to how they help when planning for the new projects.

The WG will also focus on governance, institutions and management issues of irrigation and drainage systems, sustainable development and integrated water management in rural areas.

Members: (1) Dr. Kamran Emami, Chairman (Iran, 2009); (2) Dr. Hubert Toussaint, Secretary (The Netherlands, 2005); (3) Prof. N. Hatcho (Japan, 1998); (Chairman, 2002-2009); (4) VPH Dr. Ricardo S. Graino (Spain, 1998); (5) Mrs. F. Sinatti (Italy, 1998); (6) Mrs. Xuming Tan (China, 1998); (7) VPH Dr. Illahi B. Shaikh (Pakistan, 2000); (8) VP Dr. Laszlo Hayde (Hungary, 2001); (9) Mr. Satit Maneepai (Thailand, 2002); (10) Mr. Jean Verdier (France, 2003); (11) VPH Dr. Hafied A. Gany (Indonesia, 2005); (12) Mr. Charles L. Abernethy (UK, 2005); (13) Dr. Ing. Klaus Roettcher (Germany, 2006); (14) Prof. Wen-Pin Shu (Chinese Taipei, 2006); (15) Dr. Jeong-Woo, Na (Korea, 2007); (16) Mr. Yogesh Paithankar (India, 2009); and (17) Secretary General, ICID.

Permanent Observers: (i) Dr. (Mrs.) B. Dolfing (The Netherlands); and (ii) Dr. Ir. M. Ertsen (IWHA).

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

Item 1 : Confirmation of minutes of the 13th meeting of WG-HIST

The minutes of the 13th meeting of the Working Group held at Yogyakarta in October 2010 will be confirmed.

Item 2 : Review of membership of the Working Group

The Italian National Committee (ITAL-ICID) has nominated Ing. Antonio Linoli (in place of Mrs. F. Sinatti) for the membership of the Working Group. The CV of Ing. Linoli is awaited.

2.1 Past nominations

At the Yogyakarta meeting, the following nominations were deferred due to non-attendance/ participation:

- Mr. Zarar Aslam in place of VPH Dr. I. B. Shaikh (Pakistan)
- Dr. Thierry Ruf in place of Mr. Jean Verdier (France)

The Central Office has informed (January 2011) the group's decision to the respective National Committee with a copy to the nominees and requested to remain present at Tehran meeting for consideration of their membership. In response, Dr. Thierry Ruf has shown his willingness (28 January 2011) to participate in Tehran meeting and contribute to the WG. Response from Mr. Aslam is awaited.

CVs of both the nominees will be made available at the meeting for consideration of their membership.

2.2 Non-participation/ contribution

As suggested by the group, the Central Office contacted (January 2011) and informed the group's decision of termination of their nominee to the National Committees of Austria, Croatia and Nigeria and requested for fresh nomination. Responses are awaited.

Attendance of the members at the meetings of the WG-HIST held in 2009 and 2010 will be tabled during the meeting.

CONTINUING ITEMS

Item 3 : Report by the Chairman on progress made by the National Working Groups (NWG) on their assignments

At Yogyakarta meeting, the WG members noted that the following documents were still awaited:

- (1) electronic version of the chapter on the History of Sri Lanka as a part of publication on Eastern Asian History of Irrigation from Ms. Bhadra Kamaladasa of Sri Lanka Irrigation Department through Prof Hatcho (Japan);
- (2) a comparative history of the US Army Corps of Engineers through Prof Hatcho;
- (3) the comparative American-Dutch water management history book - Dr. Toussaint informed that the book was expected to be published in March 2011; and
- (4) a publication "History of Irrigation Development in Orissa" from India.

In April 2011, the Central Office contacted and requested Prof. N. Hatcho (Japan) to expedite the preparation of the documents (sr.no.1 & 02 above) and apprise further status to the Chairman. Similarly, the Central Office has requested Dr. Hubert Toussaint (The Netherlands) to send a copy of the comparative American-Dutch water management history book for records in ICID Central Office library. Dr. Toussaint was also requested to make a brief presentation on the subject during the Tehran meeting. Responses from Prof. Hatcho and Dr. Toussaint are awaited.

The Central Office has received the copies of INCID publication "History of Irrigation Development in Orissa (November 2009)" for ICID technical library. Members interested can write to INCID for copies for their use.

Chairman may apprise further status on the above at the meeting.

Item 4 : Progress on publishing '*Monsoon Asia History*'

During the Yogyakarta meeting, Prof. Hatcho informed that there is a slow progress on preparation of "*Monsoon Asia History*" (earlier title was '*History of Irrigation in Eastern Asia*'). It was decided to include the irrigation histories of Sri Lanka, Myanmar and Bangladesh. The WG meeting approved the proposal of Prof. Hatcho to compose a format or guideline for the involved NC's in order to be able to write a new synthetic version of the *Monsoon Asia History* book. In this regard, the Central Office in April 2011 requested Prof. Hatcho to prepare a draft format for its consideration and approval at Tehran meeting in October 2011. Response is awaited.

In April 2011, the Central Office contacted and requested Mrs. Xuming Tan (China) to send an updated electronic version of the book titled "Chinese History of Irrigation" published in 2005 for its circulation among members. Response is awaited.

Chairman may apprise further status on the above at the meeting.

Item 5 : Progress on publishing History of Irrigation, Drainage and Flood Control in Southern Europe and the Mediterranean

Prof. Segura (Spain) was not present at the Yogyakarta meeting and hence the item was not discussed. In April 2011, the Central Office once again circulated the bilingual updated draft version of "Reflections on the History of Irrigation, Drainage and Flood Control in Spain" to all members and requested to review the document and provide their comments/ observations to VPH Ricardo Segura (Spain) so that the same can be discussed at Tehran meeting. In response, Mr. Charles Abernethy (UK) has requested the Central Office to send the above version once

again as he faced difficulties in downloading. Accordingly, the Central Office provided the draft version to Mr. Abernethy. His further response is awaited.

Chairman/ Prof. Segura may apprise further status to the members at the meeting.

Item 6 : Cooperation with International Water Organizations

A short course on '*World History of Water Management*' was jointly organized by NWU-UNESCO-IHE at Quest Conference Estate, Curie Boulevard, Vanderbijlpark, South Africa from 27 June – 1 July 2011. The 5-day short course is annually offered at UNESCO-IHE Institute for Water Education, Delft, the Netherlands since 2007, drawing upon historical experiences from different parts of the world on all continents and experts from International Water History Association (IWHA), many of them involved in the UNESCO-HWC project, within the framework of cooperation among the IWHA, UNESCO-IHE, and UNESCO-IHP. The present and potential future objective is to broaden the opportunity for students and professionals to attend this course and take the World History of Water Management as a 'road show' whenever the biennial (global) conference of the IWHA is held.

Dr. Hayde informed (October 2010) the members that the Institute of Hydraulic Engineering (IHE) at Delft has developed a short course on '*World history of water management*' in cooperation with IWHA and support of UNESCO. The course was to be held on 12-16 September 2011 at Delft, The Netherlands.

In April 2011, the Central Office requested Dr. Hayde to send a complimentary copy of the proceedings of the conference as well as the details of the short course for its circulation among members. Response is awaited.

VP Dr. Hayde may apprise further status on the above to the members at the meeting.

Item 7 : Website of WG-HIST

At Yogyakarta, the group noted that the website of the Working Group <<http://www.wg-hist.icidonline.org/>> is fully functional and has been updated regularly.

The Central Office requested (April 2011) all members to access the website and provide additional information viz. books, manuals, technical papers, proceedings of the workshops, interesting pictures, new software, useful links etc. related to the WG so that the same can be uploaded on the website. Response is awaited.

Chairman may apprise further status at the meeting.

Item 8 : Work Plan

History seminar at Tehran, Iran in October 2011

During the Yogyakarta meeting, the Chairman encouraged all members to submit papers in large numbers to the History Seminar '*Possibilities of Using traditional Methods in Modern water Management Systems*' to be held in October 2011 at Tehran, Iran.

Chairman/ IRNCID representative may like to apprise the WG members.

Item 9 : Discussion on Sustainability through History

At Yogyakarta meeting, the group noted that the proposal to start a virtual discussion on sustainability through history as prepared by Dr. Emami and Dr. Roettcher was commented by three members. The Chairman requested other members to give feedback. He suggested that the proposed conference should be held in Europe preferably in Paris and the WG will try to get support from UNESCO. VP Dr. Hayde is authorized by the WG to seek the cooperation of UNESCO. Furthermore, Dr. Hayde and Prof. Quast were to contact the DWhG to invite their association to co-organize the conference.

The Central Office has informed (April 2011) VP Dr. Hayde about the above decision and requested further status. Response is awaited.

The Chairman has prepared a proposal on writing a book on "Water Sustainability through History" by the working group. The book can be presented after the proposed conference based on its results or the WG-HIST can embark on the task in parallel. The chairman would circulate the proposal before the Tehran meeting.

Chairman/ VPH Dr. Hayde may apprise further progress at the meeting.

Item 10 : Any other business

- **TKWRM 2012, February 2012, Iran**

The International Conference on "*Traditional Knowledge for Water Resources Management (TKWRM)*" will be held on 21-23 February 2012 in Yazd, Iran. As proposed by Chairman Dr. Kamran Emami, the ICID Central Office has agreed to be a Co-organizer of the conference. Dr. Kamran Emami is a Member of Scientific Committee of the TKWRM. All members are requested to contribute to the conference by submitting the papers/ presentations. For more information, please get in touch with Dr. Emami at <kkemami@gmail.com> or visit the website <<http://tkwrm.icqhs.org>>.

- **Water history documentary films**

At Yogyakarta, the Chairman Dr. Kamran Emami proposed that all NCs may collect water history documentary films in English or with English subtitles in their countries in order to establish a documentary library on water history. During the meeting, Dr. Hayde (Hungary) emphasized the importance of these documentaries in educational activities and suggested that the library should be introduced and documented on the ICID website. In addition, the Chairman also pointed out that these documentaries can be used to increase public awareness and participation.

In April 2011, the Central Office requested all National Committees and members of the group to collect as many water history documentary films (in English or with English subtitles) as possible and provide a copy of the same to the Chairman/ Central Office for circulation among the members and possibly enriching the WG webpage. Response is awaited.

Chairman may apprise further status at the meeting.

Agenda for the Third Meeting of the
WORKING GROUP ON ENVIRONMENT (WG-ENV)
 Tehran, Iran
 16 October 2011: 09.00-12.30 hours
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: (1) Prof. Hu Heping, Chairman, 2005 (China, 2000); (2) Dr. Sylvain-Roger Perret, Vice Chairman, 2010 (France, 2009); (3) Dr. Michael van der Laan, Secretary (South Africa, 2010); (4) Mr. Barkat Hadid (Syria, 1991); (5) Prof. Yih-Chi Tan (Chinese Taipei, 1995); (6) Dr. Smiljan Juvan (Slovenia, 1995); (7) Dr. Shaden Abdel Gawad (Egypt, 1996); (8) VPH Dr. Eiko Lubbe (Germany, 1997); (9) Prof. Almeida Fernandez (Portugal, 1997); (10) Mr. Mohammad Kazem Siah (Iran, 2000); (11) Mr. Osmo Antero Purhonen (Finland, 2002); (12) Mr. Stefano Salbitani (Italy, 2003); (13) Dr. Choi, Joong-Dae (Korea, 2003); (14) Mr. Belguenani Hassane (Morocco, 2003); (15) Prof. Dr. Natha Hungspreug (Thailand, 2003); (16) VPH Dr. Jose A. Ortiz Fdz.-Urrutia (Spain, 2005); (17) Dr. Dennis Wichelns (USA, 2005); (18) VPH Dr. Illahi B. Shaikh (Pakistan, 2006); (19) Prof. Dr. N. Hatcho (Japan, 2006); (20) Mr. Taner Kimence (Turkey, 2006); (21) Mr. C.K. Agrawal (India, 2009); (22) Mr. Clarke Ballard (Australia, 2010); and (23) Secretary General, ICID.

Permanent Observers/ Observers: (i) FAO Representative; (ii) ICOLD Representative; (iii) World Bank Representative; (iv) Dr. D. Zimmer (France); (v) Mr. Primoz Banovec (Slovenia); and (vi) VPH Dr. H. El-Atfy (Egypt).

Website: <<http://www.wg-env.icidonline.org>>

Item 1 : Confirmation of the minutes of 2nd meeting of the WG-ENV

The minutes of the 2nd meeting of the Working Group held at Yogyakarta in October 2010 will be confirmed.

Item 2 : Membership of the Working Group

In January 2011, Prof. Y.C. Tan (Chinese Taipei) informed the Central Office that he desires to resign from the post of 'Vice Chairman' but interested to continue working with the group. He is hopeful to attend the Tehran meeting in October 2011.

2.1 New nomination

The Italian National Committee (ITAL-ICID) nominated Dr. Anna Tedeschi (in place of Mr. Stefano Salbitani) for the membership of the Working Group. CV of Dr. Anna Tedeschi will be tabled at the Tehran meeting and the group will consider the nomination

2.2 Past nominations

The following nominations were deferred at Yogyakarta (2010) and New Delhi (2009) meetings due to non-attendance of the nominees:

- Mr. Javeed Iqbal Bokhary in place of Dr. Engr. I.B. Shaikh (Pakistan)

- Mr. Ahmed Aziz (Iraq)

If these nominees attend the Tehran meeting, the WG will consider their past nominations for the membership of the WG. The Central Office informed the respective National Committees (on 31 January 2011) of the WG's decision to confirm their nomination or nominate new professional with an assurance that the nominee would attend the Tehran meeting (2011) of WG-ENV. Nominations would then be discussed during the meeting. Responses from respective National Committees are still awaited.

Attendance of the members at the meetings of the WG-ENV held in 2009 and 2010 will be tabled at the Tehran meeting.

2.3 Non-attendance or contribution of the members

At Yogyakarta, the members present expressed their concern about the poor attendance of the members in the WG-ENV meetings. Among the current 22 WG-ENV members, 5 were neither present nor contributed to WG activities and meetings for the last 3 consecutive years. Further, 2 other memberships remain *de facto* vacant since nominees have failed to attend the last 2 meetings (2009, 2010). Finally, many members fail to attend 2 consecutive meetings, which alter greatly the opportunities and options for constructive and continuous activities of the group.

The group suggested reminding National Committees of their commitment to the WG-ENV, and, if current members are not in a position to fulfill their commitments in terms of participation and attendance, then the National Committees should nominate fresh members. Members are also urged to favor on-going communication with WG office bearers, in between meetings, to ensure continuity of activities. Options for continuous communication are discussed in item 11.

The following members were neither present nor contributed for the last three consecutive years:

- Dr. Smiljan Juvan (Slovenia)
- Dr. (Mrs.) Shaden Abdel Gawad (Egypt)
- Prof. Almeida Fernandez (Portugal)
- Mr. Belguenani Hassane (Morocco)
- Prof. Dr. Natha Hungspreug (Thailand)

The Central Office (CO) contacted (on 31 January 2011) the above NCs and requested to ensure respective member's participation in the Tehran meeting of WG-ENV, or to nominate a fresh professional who could contribute to the activities of the WG. The Slovenian National Committee (SINCID) had suggested putting Dr. Smiljan Juvan on probation for one year and during this period if he does not contribute/attend the WG meeting in Tehran, then they will propose another member for the WG. Responses from others are still awaited.

It must be noted that representation of a member of the working group by any other representative of the concerned national committee is not deemed to be a contribution by the member. ICID By-law 3.1.7 stipulates that members not contributing to the activities by attendance or correspondence for two consecutive years shall be replaced in consultation with their National Committees.

2.4 Election of Chair of the WG

At Yogyakarta, Prof Hu, Chair of the WG-ENV, informed the group that he would step down as Chair in October 2011 during the Tehran meeting. It is proposed to carry out the election of a new Chair during the meeting. Candidates will be requested to come forward, make a short self-introduction and present their views in brief on standpoint, vision regarding the Chair's position in WG-ENV and how they intend to steer the activities of the WG. Election/nomination will follow.

A CONTINUING ITEMS

Item 3 : The improvement of agricultural return flow and requirement of environmental flow

At Yogyakarta meeting (2010), Mr. Clarke Ballard (Australia) made a presentation on "*Water and nutrients in the Australian landscape*" during the WG-ENV open workshop. Since there was no other contribution or progress on

this topic, the group will discuss and decide whether the topic remains on the WG's agenda, and, if so, which directions and actions are to be taken, during the Tehran meeting?

Item 4 : Environmental aspects of irrigation and drainage projects

At Yogyakarta meeting (2010), Dr. Sylvain Perret (France) made a presentation on "*Introduction to life-cycle assessment and potential application for irrigation systems*" during the WG-ENV open workshop. Since there was no other contribution or progress on this topic, the group will discuss and decide whether the topic remains on the WG's agenda, and, if so, which directions and actions are to be taken, during the Tehran meeting?

Item 5 : Impacts of irrigation and drainage projects on human health, and

Item 6 : Management of a sustainable environment (maximizing positive and minimizing adverse effects of irrigation and drainage systems)

During Yogyakarta meeting, Prof Ray-Shyan Wu (Chinese Taipei) commented that the above-mentioned issues (Items 3,4,5,6) have actually not been addressed in the previous WG-ENV meetings, and formally requested members to volunteer and assume responsibility for one of these items, while recognizing that there might be overlap between certain items.

In response, Mr. Osmo Antero Purhonen (Finland) suggested that the Executive could play a role in identifying teams of four to six people to work on a particular item, potentially resulting in useful information for the next meeting.

Dr Gerhard Backeberg (South Africa) further proposed that the WG executives prepare a workplan and circulate this amongst members for comments. A workshop on the work completed can then be organized during the next meeting. The Vice Chair agreed that the WG executives would draft such a workplan and request feedback from members.

The Central Office contacted (21 April 2011) the Chairman and requested to identify and appoint a team (four to six people) to work on the above issues and develop a workplan so that some useful information/ results may be obtained. Response is awaited. Chairman may apprise further progress at the Tehran meeting.

WG executives suggest that all WG-ENV members spend some valuable time during the Tehran meeting to discuss each one of the above listed technical items (Items 3,4,5,6). WG may keep, merge or discard some of them and then agree on a process to address these items. It is also suggested that, during discussions, the WG-ENV considers potential deliverable linked to any of these technical items, so that concrete and practical options and directions are taken (on a given item: WG technical report, ICID position paper, collectively-written journal article based upon review or case-study based research, etc).

Item 7 : Website of WG-ENV

At Yogyakarta, Chairman Dr. Heping informed that the website was fully active and thanked those who had made contributions. The Chair also requested members to make further contributions to improve the range of information available on the website. The Central Office also requested (21 April 2011) all members of the group to provide relevant information viz. books, manuals, technical papers, proceedings of the national workshops, interesting pictures, useful links etc. for posting on website. Responses are awaited.

Vice Chairman Dr. Sylvain Perret has drafted (28 February 2011) a short introductory text and posted the same on the group's website. He also proposed to put some information on the WG-ENV LINKEDIN group.

Item 8 : WG-ENV members' questionnaire

During the meeting (2010), the Vice Chair suggested that a committee be set-up to draft a simple questionnaire to identify important issues and members be asked to contribute to it. Members agreed to the proposal. In April 2011, the Central Office requested Dr. Heping to set up a committee to draft a simple questionnaire.

WG-ENV Secretary, Dr. Michael van der Laan drafted the questionnaire, on the basis of a previous questionnaire circulated in early 2010 by previous WG secretary. The questionnaire has been disseminated to all members (15 August 2011). WG-ENV Secretary will report the feedbacks of the questionnaire during the Tehran meeting.

Inputs by members will be discussed to refine and focus WG priority topics and activities in future (see items 9 and 10).

Item 9 : ICID position paper of WG-ENV

At Yogyakarta, Chairman Dr. Heping queried whether it was possible to prepare ICID position paper for discussion during Tehran meeting in October 2011. Prof. Ray Shyan Wu stated that an outline or even a draft can be circulated among members for their contributions. This would be a very important deliverable for 2014 meeting.

However, the question regarding the topic of the position paper is still pending. WG members may discuss the topic of the position paper in relation with the technical topics (items 3,4,5,6) listed above.

The Central Office requested (21 April 2011) the Chairman to apprise further progress on the preparation of the paper. Response is awaited.

Item 10 : Work plan of the WG

A three-year work plan (2012-2014) needs to be prepared and responsibilities assigned in line with the ongoing activities of the Working Group. The group will discuss and finalize the work plan during Tehran meeting, based upon questionnaire results and discussions on position paper and technical topics (items 3, 4, 5, 6).

B NEW ITEMS

Item 11 : Freshwater Ecosystem Monitoring Working Group

During Yogyakarta meeting (2010), Chairman informed the members that information regarding this new workgroup has been circulated. The members were requested for their possible contributions.

The members were also requested to contribute to the WG-CLIMATE.

Chairman will apprise further progress at the meeting.

Item 12 : Invitation to join LinkedIn group

In January 2011, Dr. Sylvain Roger Perret invited the members of the group to join 'LINKEDIN' group to discuss and share information online. LINKEDIN is a networking platform which supports professional networking and suits to convey news, information, forum and discussions among members of professional groups. In this regard, the Central Office provided the updated contact details of the members to Dr. Perret to facilitate joining the group. Only few members have responded and joined the group before Tehran meeting.

In view of the poor registration rate so far, Dr. Perret will present again the 'LINKEDIN WG-ENV group' to members during Tehran meeting.

Dr. Perret suggested (1 July 2011) that LINKEDIN WG-ENV group could help in the following aspects of the WG's activities:

- Creation of members' registration to a LINKEDIN group to ease the continuous communication amongst members,
- Identifying issues of interest to members by filling up the survey form,
- Developing a work plan for the group etc.

Vice Chairman also encouraged all members to communicate with each other throughout the year, so that the meeting in Tehran is more fruitful.

Item 13 : Any other business

Agenda for the Twenty-ninth Meeting of the
WORKING GROUP ON DRAINAGE (WG-DRG)
 Tehran, Iran
 16 October 2011: 09.00-12.30 hours
Strategy Theme: Systems

Year of Establishment: 1983

Completion of the Mandate: 2013

Mandate:

- To promote drainage as part of integrated water resources management; and
- To promote sustainable approaches for drainage and related projects through a balanced integration of (1) environmental, (2) economic, and (3) social and cultural aspects.

Members: (1) VP Dr. W.F. Vlotman, Chairman, 2001 (Australia, 2000); (2) Dr. James Ayars, Vice Chairman, 2007 (USA, 2005); (3) Mr. B. Vincent, Secretary (France, 2007); (4) VPH Prof. Dr. B. Maticic (Slovenia, 1987); (5) VPH Dr. M.H. Amer (Egypt, 1988); (6) Mr. I. Dakar (Syria, 1991); (7) Dr. M.S. Adamu (Nigeria, 1992); (8) PH Ir. Keizrul bin Abdullah (Malaysia, 1994); (9) Dr. Chung Sang-Ok (Korea, 1996); (10) Mr. Chen, Hung-Kwai (Chinese Taipei, 1997); (11) Ms. Wang Shaoli (China, 1999); (12) Dr. E. Christen (Australia, 2000); (13) Dr. Mohammad Bybordi (Iran, 2000); (14) Dr. M. Nawaz Bhutta (Pakistan, 2002); (15) Mr. Rauno Peltomaa (Finland, 2002); (16) Dr. (Ms.) Waltina Scheumann (Germany, 2003); (17) Mr. AT van Coller (South Africa, 2006); (18) Ms. Nurgül Üzücek (Turkey, 2006); (19) VP Dr. Shinsuke Ota (Japan, 2006); (20) Dr. H. Fahmy (Egypt, 2006); (21) Dr. Yurii Yanko (Russia, 2006); (22) Dr. Gurbachan Singh (India, 2008); (23) Mr. Mati Tonismae (Estonia, 2010); and (24) Secretary General, ICID.

Permanent Observers/ Observers: (i) FAO Representative; (ii) World Bank Representative; (iii) President Dr. Chandra A. Madramootoo (Canada); (iv) IPTRID Representative; (v) PH. Aly M. Shady (Canada); (vi) PH Prof. Bart Schultz (Netherlands); and (vii) VPH Dr. Safwat Abdel-Dayem (Egypt).

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

Time schedule of the meeting:

At the outset, Chairman will propose the time allocation for discussing of the Group's agenda as follows:

A. General business	--- minutes
B. Work plan	--- minutes
Tea/ coffee break	--- minutes
C. Presentations/ Workshop / Summary	--- minutes

A. GENERAL BUSINESS

Item 1 : Confirmation of the minutes of the 28th meeting of the Working Group

The minutes of the 28th meeting of the Working Group held at Yogyakarta in October 2010 will be confirmed.

Item 2 : To review the membership of the Working Group

The Iranian National Committee (IRNCID) has nominated Mr. Ardavan Azari in place of Dr. M. Bybordi for the membership of the Working Group. CV of Mr. Ardavan Azari will be tabled at the meeting. The group will consider and accept the replacement for the membership.

Attendance of members at the meetings held in 2009 and 2010 will be circulated at the meeting.

B. WORK PLAN

Item 3 : Activities of the Working Group

3.1 Technologies for reducing polluted drainage water and quality improvement

During the Yogyakarta meeting, neither Dr. M. Bybordi nor Mr. Azim Ashayeri was present (although represented by Mr. Majed Parvan), hence there was no discussion on this topic. The group suggested that Mr. Azim Ashayeri to prepare the presentation for the Tehran meeting and send it to the Chairman well in advance.

The Central Office requested (10 March 2011) Mr. Ashayeri/ Dr. Bybordi to prepare a presentation in consultation with the Chairman Dr. Vlotman and present it at Tehran meeting. In response, M. Akram, Chairman, WG on Drainage and Environment (IRNCID) informed the Chair VP Vlotman/ Central Office that they are going to present two presentations at Tehran meeting viz. (i) Drainage in Iran – a country paper; and (ii) Disposal problems of drainage water in southern Iran.

IRNCID representative/ Chairman will apprise further status at the meeting.

3.2 Updating database on 'Drained area in the world'

At Yogyakarta, the group discussed about the updating database on 'drained area in the world'. The group also proposed that the data required validation from the respective National Committees. It was suggested the Mr. Bernard Vincent will approach the respective regional groups for validation of the data and forward the outcome to the Central Office.

The Central Office in March 2011 requested Mr. Vincent to approach the respective regional groups to validate the reported data so as to update the database for inclusion in the "World drained area" table of the ICID Annual Report (2010-11). Response is awaited.

Subsequently, the Central Office circulated the datasheet "World drained area" to all National Committees and requested them to confirm the data/ amend and provide the updated data pertaining to their country by inserting correction in the table itself. In response, the Central Office has received responses from the National Committees of Brazil, Czech Rep., Japan, Jordan, and Pakistan. The updated datasheet will be tabled at the meeting.

Mr. Vincent/ VP Dr. Vlotman will apprise further status at the meeting.

Item 4 : Workshops/ Special Sessions sponsored by the Working Group

4.1 11th and 12th International Drainage Workshops (IDW)

The 10th IDW was jointly hosted by the national committees of Finland (FINCID) and Estonia (ESTCID) in July 2008. The group at its Yogyakarta meeting proposed that Egyptian National Committee (ENCID) organise the 11th IDW at Cairo in September 2012, and Russian National Committee (RUCID) organise the 12th IDW at Saint Petersburg in June 2014. These proposals were accepted/recommended by the PCTA and approved by the IEC.

The 11th International Drainage Workshop (IDW) will be hosted by the Egyptian National Committee (ENCID) in Cairo from 23-27 September 2012. The main theme of the 11th IDW is "*Agricultural Drainage Needs and Future Priorities*" under which six topics and 27 subtopics will be addressed. The first Announcement & Call for Papers of the 11th IDW has been issued and widely circulated amongst ICID National Committees and International Organizations for further dissemination amongst potential participants. In May 2011, Chairman VP Dr. Vlotman circulated the announcement to all members with a request to circulate it amongst interested professionals outside the ICID network. The last date for receipt of abstracts of paper(s) at the workshop secretariat is **01 December 2011**. The workshop website <<http://www.encid.org.eg/idw11>> provides more details on topic/sub-topics, call for papers, venue, exhibition, study tours, etc. A draft listing of topics and sub-topics is shown as **Annex**.

VPH Prof. Dr. M.H. Amer, Chairman, ENCID has invited the international drainage community to join ENCID at this exciting event presenting the challenges, needs and solutions while assuring an enjoyable stay in Egypt. Dr. Amer or ENCID representative will provide further updates at the meeting.

RUCID representative may like to make a brief presentation about the proposed theme, topics and subtopics and other preliminary preparations for the 12th IDW.

It was also decided that ASABE will be approached to examine possibility for a common event at one of these dates. Mr. Vincent was to explore the possibility of common event at one of the two events viz. 11th or 12th IDW.

Members concerned may provide responses, as required.

4.2 Annual Internal Workshop of the Group

The Group has been organizing internal workshops on the sidelines of its annual meetings in which members voluntarily make presentations on the topic of their countries' interest.

VP Dr. Vlotman / Mr. Vincent will apprise updates at the meeting.

Item 5 : Contribution to the website DRAINLINE/ LinkedIn Agricultural Drainage Group

The website of the Working Group on Drainage (WG-DRG) 'DRAINLINE' is fully functional and all members are encouraged to access it <http://www.wg-drg.icidonline.org>. The Central Office requested all members to contribute to the website and provide relevant information viz. books, manuals, technical papers, proceedings of the national/international workshops, interesting pictures, useful links etc. to the Central Office for their possible posting on the website.

Chairman VP Dr. Vlotman has launched an 'Agricultural Drainage Group' via the LinkedIn and invited all members to register and join it. The LinkedIn Agricultural Drainage Group is a professional network and is now open for discussion to all persons. The Central Office requested all members to get in touch with VP Dr. Vlotman for joining 'LinkedIn'. Dr. S.A. Kulkarni, Executive Secretary, CO has posted the 'World drained area' data table inviting all the members of the 'LinkedIn' to check/ provide the drained area of their country. However there has been no response to this endeavor. This shows the non availability and complexity in reporting the drained area. The WG may like to discuss ways and means to proceed further.

Chairman will apprise further updates on 'LinkedIn' at the meeting.

Item 6 : Compilation of experiences in bio-drainage and bio-saline agriculture

The group at its Yogyakarta meeting discussed and debated about the presentations made by Indian National Committee (INCID) on 'Bio-drainage' at the New Delhi meeting in December 2009. It was suggested to invite observations/ comments on the topic of bio-drainage amongst the group members and proposed that INCID representative will take the lead in this activity. During the Yogyakarta meeting, it was also proposed that INCID prepare a detailed plan of action by and circulate it amongst WG-DRG members for their comments.

Central Office has been following up with the INCID to get their feedback. Response is awaited.

C. PRESENTATIONS/WORKSHOP/SUMMARY

Item 7 : Presentations from members/ member countries

Members are encouraged to volunteer for making a presentation related to the activities of WG by contacting the Chairman well in advance of the Tehran meeting.

Traditionally the host country makes presentation on some special aspects related to drainage. This year, the Chairman has requested IRNCID to make such a presentation. Chairman has also written to members to inform about their presentations to be made at the Tehran meeting.

Item 8 : General discussion and summary of the meeting

The Pakistan National Committee (PANCID) has forwarded the progress report of 'PANCID sub-committee on Drainage' compiled by Dr. Muhammad Mahboob Alam, Director General, IWASRI (Pakistan). A copy of the report has been forwarded to the Chairman for information.

WORKING GROUP ON DRAINAGE (WG-DRG)

**11th ICID International Drainage Workshop
23-27 September 2012, Cairo, Egypt**

Theme: Agricultural Drainage Needs and Future Priorities

Topics / Subtopics

1. Planning and Design of Drainage Systems

- 1.1 Integrated planning approach in agricultural drainage
- 1.2 Improved design theories for drainage systems
- 1.3 Subsurface drainage design (applied models)
- 1.4 Development of subsurface drainage design software for large-scale installation
- 1.5 Use of GIS and remote sensing in planning and designing of drainage systems
- 1.6 Non-conventional drainage systems design (biological drainage, controlled drainage, closed basins).

2. Improvement of Drainage Technology and Techniques

- 2.1 Modernization of auxiliary structures (manholes, flushing columns, outlet structures)
- 2.2 Modernization and automation of drainage systems construction
- 2.3 Adaptation of new technologies in the field of drainage investigations and installation
- 2.4 Drain envelopes materials (needs, selection, design, manufacturing and construction)
- 2.5 Practical experience with non-conventional drainage systems (trenchless, biological, controlled drainage systems)
- 2.6 New technology for maintenance of drainage systems (pipe drains, open drains).

3 Drainage Management

- 3.1 Drainage flood management in rainfed areas
- 3.2 Drainage within the concept of integrated water resources management
- 3.3 Institutional aspects of drainage schemes implementation
- 3.4 Public-private partnership in drainage development and management
- 3.5 Sustainable development and modernization of land drainage management.

4 Environmental Aspects and Climatic Change

- 4.1 Impact of climatic change on drainage systems
- 4.2 Climatic change impacts on soil and water quality
- 4.3 Quantity of drainage water
- 4.4 Sea water level rise impact on deltaic areas
- 4.5 Monitoring and evaluation of climate change impact on agricultural drainage.

5. Research Development and Capacity Building

- 5.1 Innovations, technologies and best practices for increasing crops, land productivity and water saving
 - 5.2 Capacity development for modern drainage management
 - 5.3 Research agenda for future land drainage management
 - 5.4 Lessons learned from drainage projects (case studies) towards capacity building
 - 5.5 Capacity development and training for on-farm drainage
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Agenda for the Second Meeting of the
TASK FORCE ON WATER FOR BIO-ENERGY AND FOOD (TF- BIO-ENERGY)
Tehran, Iran
16 October 2011: 09:00 – 12:30 hours

Year of Establishment: 2009

Terms of Reference: Evolve "ICID's position on Water for Bio-Energy and Food"

Members: (1) Mr. Laurie C. Tollefson, Chairman (Canada, 2010); (2) Ing. Helvecio Mattana Saturnino (Brazil, 2010); (3) Mr. Sanjay Belsare (India, 2010); and (4) Secretary General, ICID.

Item 1 : Confirmation of minutes of the 1st meeting of TF-BIO-ENERGY held at Yogyakarta, Indonesia

The minutes of the First meeting of Task Force held in Yogyakarta will be confirmed.

Item 2 : Review of membership of the Task Force

Central Office vide circular dated 31 January and 10 March 2011 invited nominations from all the National Committees / Committee of ICID for membership of the Task Force. Only one nomination has been received from ICID.UK – Mr. Simon Howarth. CV of the nominee will be tabled at the meeting for consideration.

Item 3 : Terms of Reference

The Task Force will evolve a more defined term in this meeting by mutual discussions amongst the members.

Item 4 : Presentation by country representatives

As agreed in the first meeting of the Task Force, the Chairman would identify country representatives to make Presentations in the meeting.

Item 5 : Any other business

Agenda for the Second Meeting of the
TASK FORCE ON SEDIMENTATION OF RESERVOIRS (TF-SEDIMENTATION)
Tehran, Iran
16 October 2011: 09:00-12:30 hours

Year of Establishment: 2009

Terms of Reference: To look into the aspects of Sedimentation of Reservoirs and to come up with recommendations for appropriate strategies.

Members: (1) Mr. Hazrat Umar, Chairman (Pakistan, 2010); (2) Mr. David Meigh (UK, 2010); (3) Mr. Darwin Lubis (Indonesia, 2010); (4) Mr. Iman Ramdhani (Indonesia, 2010); (5) Mr. Syed Mansoob Ali Zaidi (Pakistan, 2010); (6) Mr. Reynaldo L. Baloloy (Philippines, 2010); and (7) Er. M. Gopalakrishnan, Secretary General, ICID.

Permanent Observer: PH Peter S. Lee, UK.

Item 1 : Confirmation of minutes of the 1st meeting of TF-SEDIMENTATION held in Yogyakarta, Indonesia

The minutes of the 1st meeting of the Task Force were circulated amongst the members. The TF will approve the minutes with amendments, if any.

Item 2 : Membership of the Task Force

ICID Central Office vide its letters of 3/10 March 2011 invited nominations from all the National Committees/ Committee of ICID for the membership of the Task Force. In response the following nominations have been received:

- Mr. Jack H. Meldrum (United Kingdom)
- Dr. U.C. Kothiyari (India)

CVs of the above nominees will be tabled at the meeting for consideration.

The TF may also like to nominate a Vice Chair and a Secretary.

Item 3 : Terms of Reference

A short presentation prepared by PH Peter Lee was shown at the meeting. The presentation focused on sedimentation experiences and strategies highlighted the following:

- Sediment (especially bed load) discharge needs better measurement;
- Modelling of sediment rates may appear adequate but extreme events can trigger exponential increase in sediment inflow;
- Total sedimentation estimates is based on probability and may not give guide to useful life;
- Much experience relates to run-of-river barrage sedimentation rather than reservoir silting; and
- For reservoirs often dredging is the only solution.

It was brought out that long term solutions for controlling sedimentation must start with the catchment areas before moving on to the reservoirs themselves as well as other irrigation infrastructure in sediment laden rivers. A note prepared by David Meigh (UK) is shown as **Annex**.

After discussion, it was recommended to modify the emphasis of the TF to 'Sedimentation of irrigation barrages, weirs and intakes' in view of the following:

- There appears to be a lack of interest among members, particularly from South East Asian region who are mainly concerned with weirs and barrage sedimentation,
- The subject of major dam sedimentation is a core concern of ICOLD who have members with greater experience in this problem,
- The main centres of knowledge of sedimentation of Himalayan dams are in the Himalayan catchment countries themselves and the consultants that have worked with them,
- Sedimentation of barrages and weirs has greater relevance to ICID members worldwide than just the sedimentation of Himalayan major dams, particularly for irrigation systems in Indonesia, Philippines, Vietnam and other Asian countries where climate change, deforestation, land degradation, erosion and sedimentation of irrigation systems is of paramount importance.

In light of the above comments, the Task Force will evolve a more clearly defined term of references in this meeting by mutual discussion amongst the members.

Item 4 : Evolving work plan

Owing to low attendance at Yogyakarta meeting, the discussion on work plan of the TF was postponed to Tehran meeting. The Task Force members will discuss and prepare a draft work plan of activities to be completed in its proposed tenure.

Item 5 : Any other business

ICID TASK FORCE ON SEDIMENTATION OF RESERVOIRS

(Note prepared by David Meigh, UK)

Long term solutions for controlling sedimentation must start with the catchment areas before moving on to the reservoirs themselves as well as other irrigation infrastructure in sediment laden rivers. Experience gathered so far is briefly summarized below;

1. Catchment /Watershed Management

This depends on the current land use and the need for spatial planning.

1.1 Forest conservation

Existing forests must be conserved especially on steep slopes and also for biodiversity as they provide the best means of preventing erosion and storing runoff and hence preserving river base flows, reducing flood peaks and minimising sedimentation at downstream structures.

1.2 Agricultural land

Improved agricultural practices are required to minimise soil erosion including integrated agriculture: field crops integrate with trees and bushes to hold the soil, mulching and avoidance of clear weeding, change to tree crops on steep slopes or regenerating forest. However, there are usually social aspects that must be understood such as short tenancies or illegal occupation where farmers have no guarantee of planting tree crops or obtaining the benefits and poverty needs where short timeframe economics are prevalent. Consequently interventions require long term legal land use. Countries in Asia are seeing frequent landslips/ landslides/ mudflows on previously forested land that is now being used for annual cropping. On smaller irrigation schemes, the WUAs can have an active role in catchment management and protection.

1.3 Improved Range Management

Improved range management in many hill areas and on erosive soils needed particularly where animals prefer selected, overused pathways or overgraze. Rotating land use or rotational grazing needs introduction.

1.4 Severe Terrain

The Himalayas are a recent and active mountain range of fold mountains caused by the Indian tectonic plate advancing into the Asian plate. Slopes are being steepened by natural forces so that rockfalls and landslides are also natural phenomena. Countries in this region are limited by what they can do in terms of engineering solutions and economic prioritisation will mainly focus on measures to protecting roads and habitation by stabilising slopes.

2. Interventions in Catchment Areas

2.1 Re-greening

The most effective interventions are likely to be the re-greening of damaged slopes and erosion hotspots by a mixture of vegetation that intercepts and reduced the energy of rain droplets, covers the ground with vegetation acting as a mulch to detain precipitation to facilitate percolation, holds the soil together with varying depth of roots and stabilises rivulets. Often grasses such as vetiver are used but also combinations of plants that also provide incomes to communities.

2.2 Engineering Interventions

Usually the greatest priority are slope protection measures, such as repairing landslips along roads and canals and to protect habitation, with gabions being a preferred form of construction.

Care must be taken with engineering interventions particularly with erosion check dams and gully head structures in erosive areas where inexperienced use can result in much greater damage. Check dam cascades need to be advanced upstream from stable baselines.

Serbo dams have been built in active volcanic areas to control lahar flows but the designs tend to be expensive and other options using the lahar material with protective spillways should be considered.

3. Sediment Entering Reservoirs

The scale of most reservoirs in the Himalayas means little can be done to intercept and remove sediments except build another major dam upstream in a staircase fashion. This appears to be an unsustainable and uneconomic solution to the problem whilst the cost and timescale of planning and implementation means that the downstream reservoir will have already lost a good proportion of the service life before the upper dam becomes operational (the current situation for proposals for Dasu and Basher reservoirs above Tarbela). Such proposals should be accompanied by end of service life plans for the sustainable use of the silted basin such as for agriculture and groundwater storage.

Dredging of reservoirs appears an expensive option unless a commercial use can be found for the material. One of these could be the construction of the more permeable parts of any upstream dam.

For smaller dams in Asia, particularly near towns and cities, the possibility of intercepting sediment in upstream sediment traps should be considered as such areas usually have a high demand for building sands, gravels and stones. Such traps could be operated commercially and the revenues valuable sources of income for O&M funding.

The planning of reservoirs should therefore include careful estimates of incoming sediments particularly during severe events to estimate useful life, available storage and possible later use.

Most large dams have sluicing facilities but these are rarely used on a routine basis for sluicing through sediments as they take a large time span out of hydro generation, irrigation scheduling. Sluicing is not usually that effective in large basins whilst the operation usually has to take place during the dry season when inflows are usually less than sluicing capacity.

4. Sediments Arriving at Barrages, Weirs and Intakes

This subject is of greater relevance to most irrigation departments in SE Asia as the number of weirs under their control usually outnumber dams by some 100 to 1. Progressive deforestation of catchments has seen a gradual increase in the sediment volumes arriving and changes to the river morphology in which they are sited. Free intakes are particularly susceptible to river morphology changes and if not carefully selected in stable river channels or at permanent rock pools and invariably become ineffective due to river morphology changes or increased river bed elevations. Careful site selection and design of weirs and barrages can reduce the volumes of bed loads abstracted into main canals but even here there are common problems:

- Changes in river bed morphology, and rising downstream river bed levels in particular, can render the original design of sediment exclusion works useless to hydraulically flush sediments
 - Increasing weir heights to facilitate greater flushing head can cause major upstream flooding and downstream erosion with resulting failure of stilling basins.
 - Desilting basins are often poorly designed without the designer understanding basic hydraulics causing choking at control gates, low flushing velocities and material that will not flush.
 - Lack of routine O&M allows sediments to solidify, making them harder to flush whilst on larger schemes designers rarely design multi-channel desilting basins that would allow continuous operation.
 - Gated barrages can overcome some of these problems as they can provide a better balance to sediment transport along the river section but are far more expensive and can still be vulnerable to river morphology changes.
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Agenda for the Fourth Meeting of the
WORKING GROUP ON TECHNOLOGY AND RESEARCH UPTAKE AND EXCHANGE (WG-TRUE)
 Tehran, Iran
 16 October 2011: 13.30-17.00 hours
Strategy Theme: Knowledge

Year of Establishment: 2007

Completion of the Mandate: 2011

Mandate: To support research and development of technology and innovation processes for improved irrigation and drainage

Members: (1) Prof. L. Vincent, Chairperson, 2007 (The Netherlands, 1995); (2) Dr. (Mrs.) Shaden Abdel-Gawad, Vice Chairperson, 2007 (Egypt, 2001); (3) Dr. John A. Replogle, Secretary, 2007 (USA, 1999); (4) VP Prof. L. Ubertini (Italy, 1989); (5) Mr. A. Delacourt (France, 1995); (6) Mr. J. Lelkes (Hungary, 1998); (7) Mr. Sietan Chieng (Canada, 2001); (8) Dr. (Mrs.) Irene Bondarik (Russia, 2001); (9) Prof. Jiasheng Huang (China, 2003); (10) Prof. J.G. Annandale (South Africa, 2003); (11) Prof. Yuanhua Li (China, 2003); (12) Mr. Geoff Pearce (UK, 2003); (13) Mr. Ezzatollah Farhadi (Iran, 2005); (14) Dr. K. Palanisami (India, 2005); (15) Dr. Mohammad Che Husain (Malaysia, 2005); (16) Mr. Stephens Mills (Australia, 2005); (17) Mr. Ian William Makin (UK, 2006); (18) Dr. Enrique Playan (Spain, 2006); (19) Dr. Kazumi Yamaoka (Japan, 2009); (20) Mr. Indra Raj (India, 2009); (21) Dr. Moch Basuki Hadimuljono (Indonesia, 2010); (22) Mexican representative (MXCID); (23) Nigerian representative (NINCID); and (24) Secretary General, ICID.

Permanent Observers/Observers: (i) IPTRID Representative; (ii) FAO Representative; (iii) World Bank Representative; (iv) IWMI Representative; (v) PH Peter Lee, CG-IPTRID, UK; (vi) Mr. Campoare Moussa Laurent, (ARID-Burkina Faso); (vii) VPH Dr. Hussein El-Atfy (Egypt); and (viii) Dr. H. Fahmy (Egypt).

Website: <<http://www.wg-true.icidonline.org>>

Vide e-mail of 1 September 2011, Chairperson Prof. Linden Vincent informed that she will not be attending the Tehran meeting due to broken arm/surgery and requested that somebody may chair the WG meeting.

Vide e-mail of 12 August 2011, Dr. John Replogle, Secretary, WG-TRUE has informed the Chair Prof. Linden Vincent that he will not be attending the Tehran meeting and requested that a replacement Secretary be nominated and elected in his place. He also assured that he is always available to assist in other ways with the functioning of the WG.

Item 1 : Confirmation of the minutes of the 3rd meeting of the Working Group

The minutes of the 3rd meeting of the Working Group held at Yogyakarta in October 2010 will be confirmed.

Item 2 : Review of membership, including new nominations

The Indian National Committee (INCID) has nominated Dr. N.S. Raghuvanshi in place of Dr. K. Palanisami and Mr. Indra Raj for the membership of the Working Group. CV of Dr. Raghuvanshi will be tabled at the meeting. The group may like to consider/ approve the nomination.

Attendance of the members at the meetings held in 2009 and 2010 will be tabled at the meeting.

Item 3 : Mandate of the Working Group

During the Yogyakarta meeting, the group discussed about the current mandate and tenure of the working group and decided that the current mandate should remain unchanged and the Group should endeavor to complete the ongoing activities by 2011.

It was resolved to renew efforts as regards:

1. Reporting on what has been achieved;
2. While the research in Asian countries has been well documented, that in the African countries has been less covered to date and should be addressed; and
3. WG should look to progress provision of information regarding outcomes and adoption processes.

It was agreed that case studies regarding the impact of research should be provided, dealing with the question "To what extent has research driven the uptake and adoption process?"

Prof. Vincent may apprise the members about further updates.

Item 4 : Tenure of the Working Group

WG has resolved that the tenure of the WG-TRUE (up to 2011) be remain unchanged. However, the WG may like to discuss about the extension of its tenure, especially in light of the recent and forthcoming developments in respect of technology research in irrigation and drainage, following a different strategy from that of 'donor supported' earlier IPTRID.

In due cognizance of the MoU between ICID and IRNCID/ Ministry of Energy in IR of Iran, IRPID-ICID in Iran would be opened to function as a Research Centre on Irrigation and Drainage in Tehran. Other developments in initiating Research and Training Centre in Beijing and a knowledge sharing workshop are detailed in 5.2, more elaborately.

Given the above, WG-TRUE may wish to consider a tenure extension to provide necessary support and guidance in shaping the '*technology research, uptake and exchange*' so as to ensure that it meets the demands and aspirations of ICID National Committee.

Item 5 : Activities of the WG-TRUE

The group discussed and decided at Yogyakarta that no new activities be taken and the efforts as outlined in Item 3 to complete the agreed tasks under the mandate would be the priorities for the year (2011).

5.1 Questionnaire for the Working Group

At Yogyakarta meeting, it was resolved that the four major response categories from the questionnaire would form a guide for the development of case studies. These categories were:

- (i) Reducing associated costs;
- (ii) Improving crop yields and water savings by way of adopting appropriate cropping patterns/irrigation methods/practices;
- (iii) Implementing better operation and management; and
- (iv) Formulating policies and framing-up of institutional/organizational set up.

5.2 Intensification Programme on Technology Research on Irrigation and Drainage (IPTRID)

WG-TRUE is informed that a special meeting on 'IPTRID-Way Forward' was organized at Yogyakarta on 13 October 2010. The meeting was attended by President Prof. Dr. Chandra Madramootoo, Dr. Pasquale Steduto of FAO and other Office-Bearers (present and past) and NC Chairs. President Madramootoo made an elaborate presentation on the ICID's initiative to revamp the IPTRID and its new organizational structure. Earlier, Secretary General Gopalakrishnan circulated a concept paper "Intensification of Irrigation and Drainage Research to Achieve Global Food Security" among all national committees, Chairs of workbodies, and Office Bearers for their views. At the Council meeting, President said that he had the counsel from all, favouring the new proposals and a desire for moving on to next steps formulating agreements. President indicated that FAO and ICID would agree jointly on the termination of the existing obligations of FAO / IPTRID which has no staff support any more and little funding.

While terminating IPTRID in its earlier form of existence, an Intensification Programme as envisaged in the SG's proposal with the ownership and governance entirely in ICID offered brighter prospects. The proposal was

discussed in ICID Management Board. It was felt that a smaller Advisory Committee should work with the various NCs and develop (i) a work program (ii) develop a functional support structure and (iii) develop regional research networks that will define the shape and format of the program. It has been proposed and agreed between ICID and FAO that FAO would lend FAO's convening power. As ICID initiate a work program with the NCs and build the future structure, and show 'on ground' such programmes with the participation of NCs with own resources, it is likely that donors would be enthused to step in, in due course of time.

In this context, members of the working group will be delighted to note that ICID has signed a Memorandum of Understanding with the –

- (i) Iranian National Committee (IRNCID),
- (ii) Chinese National Committee (CNCID), and also with the
- (iii) Regional Association on Irrigation and Drainage in West and Central Africa (RAID-ARID) and French National Committee (AFEID).

Subsequent to the above a "China Research and Training Center of International Programme for Technology and Research in Irrigation and Drainage" was launched at the hands of ICID President Chandra Madramootoo on 12 July 2011 in Beijing. The impressive inaugural function was graced by the presence of PH Aly Shady, Secretary General M. Gopalakrishnan, VP Willem Vlotman (Australia), VP AK Bajaj (India), VPH Karim Shiati Iran), VPH Cai Lingen, VPH Gao Zhanyi (China), Prof. Wang Aiguo, Chairman CNCID, Prof. Li Yangbin, DG of China Irrigation and Drainage Development Center and its staff, Thierry Facon (FAO), representatives of National Committees of Canada, Malaysia, Mali, Niger, Nepal, Pakistan, South Africa, and Uzbekistan. The launch ceremony was held on the occasion of the CNCID-ICID 'International Workshop on Water Saving Irrigation and Food Security' organized during 11- 14 July 2011 with the support of the Ministry of Water Resources, Govt. of China.

The above Workshop is a maiden effort following the engagement under ICID's renewed efforts to invigorate the IPTRID, in tune with the Yogyakarta IEC decisions of ICID when a MoU was signed with CNCID for the purpose. The workshop was opened by the Vice minister, Ministry of Water Resources, China Mr. Jiao Yong in the presence of Prof. Jia Jinsheng, President ICOLD. In his keynote speech, ICID President Madramootoo urged on the need for Global Food Security and the importance for water savings in agriculture which shall drive the future technology and research in the sphere.

In a high level meeting held with His Excellency Hon'ble Minister for Water Resources Dr. Chen Li, expressed his strong commitment in supporting the ICID and in promoting its mission across the globe. The summary of the workshop can be downloaded by accessing the website at http://www.icid.org/summary_beijing2011.pdf.

Fulfilling the obligations of the MoU signed by AFEID, RAID-ARID and ICID in Yogyakarta in October 2010, the French National Committee sponsored a few African delegates for the 24th European Regional Conference held between 14 and 16 March 2011 in Orleans to facilitate knowledge sharing on various aspects of Ground Water Usage in Agriculture benefitting researchers, basin managers of irrigation schemes and users.

Item 6 : Website of the workbody

At Yogyakarta meeting, the group discussed and suggested that Central Office will post the relevant papers/ documents on the website of the WG as and when received from Chair Prof. Vincent. The Chair may like to provide further updates.

Item 7 : Any other business (with the permission of the Chair)

Agenda for the Fourth Meeting of the
WORKING GROUP ON WATER MANAGEMENT IN WATER STRESSED REGIONS
(Erstwhile WG-IADWS) WG-DROUGHT
 Tehran, Iran
 16 October 2011: 13:30:17:00 hours
Strategy Theme: Basin

Date of Establishment: 2008

Completion of the Mandate : 2014

Mandate:

- (i) Drought Management Strategies: To capture field experiences of the implementation of drought risk management strategies.
- (ii) Coping with water scarcity
 - Critical evaluation of the validity of the crop water requirement computations based on climate data as a tool to be used in coping with water scarcity;
 - Approaches and strategies for incorporating economical justification when deciding on the amount of water to be allocated for agricultural production;
 - Re-defining, as necessary, the conventional irrigation efficiency concept; and
 - Design, operation and maintenance of sand dams – Under-ground water reservoirs.
- (iii) Rainfall management for sustainable agriculture: Innovation and implementation of smart rainfall management technologies.

Members: (1) Vice President Hon. Franklin E. Dimick, Chairman, 2009 (USA, 2008); (2) Mr. Mohammad Sadegh Jafari, Vice-Chairman, 2009 (Iran, 2008); (3) Dr. Abraham Mehari Haile, Secretary, 2009 (The Netherlands, 2008); (4) Vice President Dr. Ragab Ragab (UK, 2008); (5) Dr. Graziano Ghinassi (Italy, 2008); (6) Dr. T. Watanabe (Japan, 2008); (7) Prof. Chang-Chi Cheng (Chinese Taipei, 2008); (8) Dr. T.B. S. Rajput (India, 2009); (9) Dr. Benjamin de León Mojarro (Mexico, 2010); and (10) Secretary General, ICID.

Item 1 : Confirmation of the minutes of the 3rd meeting of the WG-DROUGHT

The minutes of the 3rd meeting held at Yogyakarta, Indonesia (2010) will be confirmed during the meeting.

Item 2 : Review of the membership

At the Yogyakarta meeting (2010), the memberships of Mrs. Jianxin Mu (China) and VPH Dr. Hussein El Atfy (Egypt) were terminated as these members have not been present /represented in the past two meetings of the WG and have not actively contributed. The Central Office requested (21 April 2011) Chinese National Committee of ICID (CNCID) and Egyptian National Committee of ICID (ENCID) to send fresh nominations for consideration during the Tehran meeting.

In response, Mrs. Jianxin Mu (China) expressed (25 April 2011) her support and willingness to continue to be a member of the WG and promised to contribute to its activities significantly. Given the interest of Dr. Mu and considering her being a member of erstwhile WG-IADWS, the WG may allow Dr. Mu to continue to be a member in the WG-DROUGHT. Response from Egypt is awaited.

The Nominations of Dr. Kiwood Park (Korea); Dr. Polevoy Anatoliy (Ukraine) and Dr. Teodoro Estrela Monreal (Spain) were deferred during New Delhi (2009) and Yogyakarta (2010) meetings, since they were neither present nor represented during the WG meeting. The Central Office invited (21 April 2011) the concerned National Committees to confirm above nominations or send a fresh nomination. Responses are awaited.

Pakistan National Committee of ICID (PANCID) had nominated (11 June 2010) Dr. Abdul Razzaq Ghumman (Pakistan) for the membership but his nomination could not be considered during the WG meeting at Yogyakarta (2010) since he was neither present nor represented during the WG meeting. Central Office invited (8 August 2011) PANCID to confirm his nomination or send a fresh nomination for the membership. Response is awaited.

The Chairman may apprise the members.

Item 3 : WG-IADWS (erstwhile) publication – “Irrigation under Drought and Water Scarcity”

The issue was discussed during the Yogyakarta (2010) meeting. VPH Dr. Nairizi (Iran) informed that the publication has been updated and the changes made were accepted by the authors. An Editorial Team has been set up to make final editorial and organizational changes and write the publication in a book format.

Mr. Mohammad Sadegh Jafari (Iran), Vice-Chairman of WG informed (2010) that the M/s. Mahab Ghodss Consulting Engineering Co. has offered to sponsor part of the publication cost and supplementary funding may be required from elsewhere.

The Central Office is in contact (21 April 2011) with VPH Dr. Nairizi to send the final edited version of the document/ book together with consent to sponsor the publication so as to ensure its speedy publication. Response is awaited.

Item 4 : Drought management strategies in water stressed / scarce regions - Theme 1

Prof. Chang-Chi Cheng (Chinese Taipei) volunteered (2010) and accepted by the members to be the Theme Leader of Theme 1. Extensive discussions followed resulting in the following observations:

- Short term strategies and long term strategies need to be developed.
- Effects on society need to be considered in addition to the engineering aspects of drought management strategies.
- Water marketing must also be included in developing drought management strategies.
- Fish and wildlife and environmental concerns must also be included in developing drought management Strategies.
- Compilation of case studies would benefit the development of drought management strategies.
- Any long term strategy must include predictions of climate change effects.
- Environmental consequences of droughts must be considered when developing drought management strategies.

Prof. Chang-Chi Cheng informed (21 April 2011) that he will submit a brief outline of Theme 1 to the Chairman of the WG and discuss it with the other team members i.e. Dr. T. Watanabe (Japan) and Dr. Graziano Ghinassi (Italy) and Dr. Ragab (UK) (**Annex**). The Central Office is in contact (21 April 2011) with the members for their contributions.

Prof. Chang-Chi Cheng may apprise the members.

4.1 Presentation of draft material

Prof. Chang-Chi Cheng, Theme Leader of Theme 1, may present a brief outline of the activities under Theme – 1, together with the draft report on the subject.

4.2 Presentation of countries’ policies and strategies

Members may like to make their country presentations on policies and strategies for drought management.

Item 5 : Coping with Water Scarcity – Theme 2

Mr. Mohammad Sadegh Jafari (Iran) volunteered (2010) and accepted by the members to be the Theme Leader of Theme 2. Extensive discussions followed resulting in the following observations:

- Re-allocation of water during droughts will have legal ramifications due to water rights, etc.
 - There is a need to clarify how irrigation efficiency is determined and its validity.
-

- Case studies would be helpful in compiling ideas on how to conserve water. The compilation and studying of these case studies may result in developing new concepts on irrigation practices.
- Validation and credibility of the appropriate computational methods of crop water requirement most adaptable to water stressed regions.
- Design criteria and practices of irrigation and drainage systems in water stressed regions.
- Existing international practices and experiences in modification and improvement of irrigation methods in water stressed regions.
- Existing international practices and experiences in collection and making use of non-conventional waters in irrigation in water stressed regions

As per Annex, the other members of the team are Dr. Abraham Mehari Haile (The Netherlands), Dr. Ragab (UK) and Dr. T. B.S. Rajput (India) to cooperate and assist the Theme Leader. The Central Office is in contact (21 April 2011) with the members for their contributions.

Mr. Mohammad Sadegh Jafari may apprise the members.

5.1 Presentation of draft material

Mr. Mohammad Sadegh Jafari, Theme Leader of Theme 2, may present a brief outline of the activities under Theme – 2, together with the draft report on the subject.

5.2 Presentation of countries' experiences in coping with water scarcity

Members may like to make their country presentations on 'Coping with Water Scarcity'. It may be noted that in case of Theme 1 'Strategy' refers to 'planning – how to deal with drought and water scarcity', while in Theme 2, 'Strategy' focuses on 'how to live with and practically cope with water scarcity'.

Item 6 : Rainfall Harvesting and Management for Sustainable Agriculture in Water Stressed/Scarce Regions – Theme 3

Mr. Clarke Ballard (Australia) volunteered (2010) and accepted by the members to be the Theme Leader of Theme 3. Extensive discussions followed resulting in the following observations:

- how to approach the Rainfall Management for Sustainable Agriculture,
- collecting data on how much rainfall is used in irrigated and non-irrigated crops,
- quantifying effective rainfall in crop production together with how to improve its effectiveness through technology,
- the need to change the cropping practices to effectively utilize the rainfall and,
- the need to document the successful studies in rainfall management.
- introducing new practices and experiences in rainfall management, including; cloud seeding, cloud harvesting, fog trapping, and fog harvesting, and
- Introducing experiences and practices in increasing rainfall effectiveness in supplying crop water requirement (i.e. rainfall forecasting and adapting irrigation system operation practices and its structural and managerial requirements).

The decision with regard to defining the "*appropriate level of water harvesting*" has been delayed (2010) till Tehran meeting in October 2011 in order to gain additional information on what is the appropriate level that falls within the overall scope of the mandate and activities of the WG.

As per Annex, the other members of the team are VP Dr. Ragab Ragab (UK), VPH Franklin E. Dimik (USA), Dr. Benjamin de León Majarro (Mexico). The Central Office is in contact (21 April 2011) with the members for their contributions.

Mr. Clarke Ballard, Theme Leader of Theme 3, may apprise the members.

6.1 Presentation of draft material

Mr. Clarke Ballard, Theme Leader of Theme 3, may present a brief outline of the activities under Theme – 3, together with the draft report on the subject.

Item 7 : Discuss WG activities as per timeline for completion of mandate

The following timeline was agreed upon during the Yogyakarta (2010) meeting :

Year	Status
2011	Theme Leaders present preliminary outputs in the WG meeting.
2012	Theme Leaders present intermediate outputs in the WG meeting.
2013	Theme Leaders and members present final findings possibly in a workshop.
2014	Theme Leaders and members synthesize their respective outputs into a single comprehensive WG document by also including, as necessary, any additional external information obtained from the workshop.

The Chairman may apprise the members.

Item 8 : Scheduling possible workshop in 2013

The WG may consider organizing a workshop during 2013 meetings in Turkey. The members may deliberate on topics/subtopic, scope, deadlines etc for the 2013 workshop.

Item 9 : Any other business

- **Invitation from WMO**

ICID Central Office had received (18 October 2010) an invitation from Dr. A.C. Tyagi, Director, Climate and Water Department of the World Meteorological Organization (WMO) for the meeting on the Integrated Drought Management Program held on 15-16 November 2010 at WMO Headquarters in Geneva, Switzerland. The meeting was organized by the WMO and Global Water Partnership.

The ICID Central Office circulated (20 October 2010) the information and program of the above meeting among the members of the WG. In response, VPH Dr. S. Nairizi (Iran) and Dr. Abraham Mehari Haile (The Netherlands), Secretary of WG-DROUGHT expressed their willingness to participate.

Dr. S. Nairizi and/or Dr. Abraham Mehari Haile may apprise the members.

- **Participation in Africa-Asia Drought Risk Management Peer Assistance Survey – UNDP**

The ICID Central Office had received (10 May 2011) an announcement from UNDP seeking participation in a short survey related to the recently commenced Africa-Asia Drought Risk Management Peer Assistance under the framework of the Integrated Drylands Development Programme.

The objective of the project was to create an enabling environment for inter-regional knowledge sharing among drought-prone countries – namely Africa-Asia Drought Risk Management Peer Assistance Network (AADP) - and facilitate the up-scaling of proven drought risk management (DRM) practices in the two regions. With financial support from the Japanese Government, AADP intends to provide a variety of peer learning and capacity development support to DRM practitioners. This will include activities such as the organization of annual forums, issuance of monthly newsletters, facilitation of online forums, organization of study tours and exchange visits, and the publication/ dissemination of DRM policy tools.

Central Office disseminated the information (12 May 2011) to members of the WG for their information and possibly participation.

- **UN-Water – Participation in the Specific Panel**

ICID Central Office had received (29 October 2010) the information on '*Dialogue for Water and Climate Change in COP 16*' from the Chair, UN-Water.

Central Office requested (01 November 2010) VPH Dr. Franklin E. Dimick, VPH Dr. Mark Svendsen and VPH Dr. Kamran Emami (Iran), Chairs of WG-DROUGHT, WG-CLIMATE and WG-CAFM, respectively, to participate in a specific panel like Floods, Drought and Climate Change.

The Chairman may apprise the members.

**WORKING GROUP ON WATER MANAGEMENT IN WATER
STRESSED REGIONS (WG-DROUGHT)**

Work Teams and its Membership

Themes of the WG-DROUGHT	Theme 1 : Drought Management Strategies in Water Stressed / Scarce Regions	Theme 2 : Coping with Water Scarcity	Theme 3 : Rainfall Harvesting and Management for Sustainable Agriculture in Water Stressed /Scarce Regions
Theme Leaders of the WG	Prof. Chang-Chi Cheng (Chinese Taipei), Theme Leader of Theme 1	Mr. Mohammad Sadegh Jafari (Iran), Theme Leader of Theme 2	Mr. Clarke Ballard (Australia), Theme Leader of Theme 3
Members of the Group Theme Leaders	VP Dr. Ragab Ragab (UK) Dr. Graziano Ghinassi (Italy) Dr. T. Watanabe (Japan)	VP Dr. Ragab Ragab (UK) Dr. Abraham Mehrari Haile (The Netherlands) Dr. T. B.S. Rajput (India)	VP Dr. Ragab Ragab (UK) VPH Dr. Franklin E. Dimik (USA) Dr. Benjamin de León Majarro (Mexico)

Agenda for the Third Meeting of the
**WORKING GROUP ON ROLE OF IRRIGATION IN POVERTY
 ALLEVIATION AND LIVELIHOODS (WG-POVERTY)**
 Tehran, Iran
 17 October 2011: 09.00-12.30 hours

Year of Establishment: 2008

Completion of the Mandate: 2013

Mandate:

- Synthesize specific knowledge and experience from the irrigation sector, to design pro-poor actions in a wider understanding of irrigation along the whole rainfed-irrigated continuum (aka agriculture water management).
- Look for technical solutions that work within a clearly defined socio-economic context, so that they can be mobilized in a case specific approach.
- Emphasize multiple-use (mus) of irrigation systems as a specific approach to alleviate poverty in this context
- Increasing opportunities for greater and more open participation by the poor, in the development of systems and in the value chain,
- Building accountability mechanisms that give longer term support and commitment to poverty alleviation initiatives, and
- [Guidelines supported by case studies on how to enhance the poverty alleviation and livelihood improvement impacts of new and existing projects](#)

Members: (1) PH Peter S. Lee, Chairman (UK, 2008); (2) Mr. R.C. Jha, Vice Chairman (India, 2009); (3) Ms. Mary Jean Gabriel, Secretary (South Africa, 2010); (4) Prof. Linden Vincent (The Netherlands, 2008); (5) Enayat Farhani (Iran, 2009); (6) Dr. Yohei Sato (Japan, 2009); (7) Mr. Laurie Tollefson (Canada, 2009); (8) Dr. Adama Sangare (Mali, 2009); (9) Mr. Moussa Amadou (Niger, 2010); and (10) Secretary General, ICID

Permanent Observers: (i) VPH Alain Vidal (CGIAR Challenge Program); (ii) Mr. Andre Roux (South Africa); and (iii) Dr. Dennis Wichelns (USA)

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

Item 1 : Confirmation of the minutes of the 2nd meeting of the Working Group held at Yogyakarta in October 2010

The minutes of the 2nd meeting of the Working Group held on 13 October 2010 at Yogyakarta will be confirmed.

Item 2 : To review membership of the Working Group

During the Yogyakarta meeting, the nomination of Dr. Laura Schroeder (USA) to replace Dr. Dennis Wichelns, for the membership was discussed. The WG recommended that acceptance of her nomination be held over until she is able to participate in the Group's activities. The Central Office has informed (4 April 2011) the decision of the group to U.S. National Committee (USCID) with a request to advice the nominee to remain present in the 3rd meeting of WG-POVERTY to be held in Tehran. Response is awaited.

Attendance of the members at the meetings of the WG held in 2009 and 2010 will be tabled at the Tehran meeting.

A. CONTINUING ITEMS

Item 3 : Objectives of the Working Group

At the New Delhi meeting, the Working Group suggested to keep in view the following concerns/ issues while proposing its activities:

- Improvements in livelihoods as well as productivity,
- Services to the poor, not just farmers,
- Different manifestations of poverty and their definition,
- Affordability of food, not just its cost,
- Wider access to services and opportunities for participation in the value chain,
- Participatory approaches that listen to the poor and are open to ideas (aka accountability),
- Extension of agricultural water management to nominally rainfed areas and general "landcare",
- Multiple use of farm storage, not just of public systems (e.g. for aquaculture),
- Greater awareness of health impacts and the actions needed, and
- Need for guidelines, case studies and country actions.

During the Yogyakarta meeting, the objectives of the Working Group were reviewed. Mr. Paul van Hofwegen (The Netherlands) suggested adding the effect of urbanization, pushing out small holders and the population shift from rural to urban areas. Chairman Peter Lee noted the suggestion and observed that altogether the objectives were quite ambitious. VPH Alain Vidal suggested that completing three objectives during the tenure of the workbody would be an achievement. It was proposed that action needs to be taken prioritizing the objectives for the Tehran meeting.

The group will discuss/ prioritize and firm up the objectives of the WG at the meeting.

Item 4 : Work plan of the Group

A three-year rolling plan of the WG is shown as **Annex**.

At Yogyakarta, presentations were made on the following topics:

- Role of Irrigation Development in Poverty Alleviation in India by RC Jha, (presented by Dr. S.A. Kulkarni),
- Definitions of Poverty by Prof Linden Vincent, University of Wageningen, Netherlands,
- Multiple Uses of Farm Storages by Andre Roux, South Africa,
- Employment Opportunities for the Landless Poor by PH Peter Lee, UK, and
- Improving Resilience for the Poor by VPH Dr. Alan Vidal, CGIAR Challenge Program

During the meeting, the group noted that plan for 2010 had been largely completed, and that the work plan should culminate in a concept note capable of being adopted as an ICID Position Paper.

WG may like to update/amend the rolling plan so as to achieve its target activities.

Item 5 : Internal workshop of the Working Group

An internal workshop of the WG will be held within the time schedule of its meeting. At Yogyakarta, Mr. Andre Roux volunteered to prepare a case study from South Africa, Mr. Laurie Tollefson offered a case study for aboriginal groups in Canada, and the representatives from West Africa (Mr. Moussa Amadou, Dr. Adama Sangare and Mr. Aliou Bamba) agreed to provide case studies from the region, particularly Niger and Mali. Prof. Vincent offered to report on social transformation research at the University of Wageningen.

The Central Office contacted (4 April 2011) the above professionals and requested to prepare a case study for its presentation at the internal workshop of the WG. In response, Mr. Andre Roux informed (21 June 2011) the Central Office that he and Ms. Marie Jean Gabriel will make a presentation on the 'Ebenaeser' case study in South Africa.

Mr. Laurie Tollefson informed (14 April 2011) his inability to make presentation this year since the person who was to contribute to the topic has left the job. Responses from others are awaited.

Members will make presentations at the meeting.

Item 6 : Website of the Group

The Central Office has been updating working group website <<http://www.wg-poverty.icidonline.org/>> from time to time which provides updated information on membership, agenda, minutes, presentation etc. The relevant documents as hosted earlier by CEMAGREF have also been included. All members are requested to visit the website and provide relevant documents to Central Office for posting.

B. NEW ITEM

Item 7 : Participation in the proposed Working Group 'Role of impact evaluation in maintaining momentum towards the MDGs of investments in irrigated agriculture sector'

An initiative has come from Australian National Committee (ICID-NCA) to take on board issues related to Millennium Development Goals (MDGs) as a separate workbody (or link it with others of relevance). The Central Office has requested Chairman PH Lee to advise whether it would be possible for WG-POVERTY to take on board the issues brought out in the background note for establishing a Working Group on the Role of Impact Evaluation in Maintaining Momentum towards MDGs through investments in irrigated agriculture sector. In response, Chairman Lee highlighted the possible advantages of dealing the issues by establishing a new WG on MDG, since WG-POVERTY might not capture all those required for addressing the MDG1, including investment.

It was proposed to call for an informal meeting at Tehran, back-to-back with WG-POVERTY on 17 October 2011 (09.00 to 12.30 hours). PH Lee endorsed this idea and indicated his willingness to join the meeting. This would enable a lot more participation in the maiden meeting of the WG. Members are requested to participate in the meeting of the proposed WG-MDG.

Chairman may like to provide further updates at the meeting.

Item 8 : Any other business

**WORKING GROUP ON ROLE OF IRRIGATION IN POVERTY
ALLEVIATION AND LIVELIHOODS (WG-POVERTY)**

Three-Year Rolling Plan (2011-2013)

2010	2011	2012	2013
<p>A workshop was held within the time slot allocated to the WGPOVERTY at the 61st IEC in Indonesia. [plan achieved]</p>	<p>Members to submit case studies of poverty alleviation through agricultural water management in:</p> <ul style="list-style-type: none"> • Canada (Laurie Tollefson); • Iran (Enayat Farhani); • Mali (Adama Sangare and Aliou Bamba); • Niger (Moussa Amadou); • South Africa (Andre Roux) <p>In addition to a paper on social transformation (Linden Vincent)</p> <p>As far as possible these will be presented in workshops at the ICID meetings in Iran and Mali</p>	<p>Update the concept note from the Istanbul WWF5 and organize the content for an ICID concept note.</p>	<p>Complete an ICID position paper on the role of irrigation in poverty alleviation to complete the WG-POVERTY mandate.</p>

Agenda for the Fifth Meeting of the
TASK FORCE ON FINANCING WATER FOR AGRICULTURE (TF-FIN)
 Tehran, Iran
 17 October 2011: 09:00-12:30 hours

Year of Establishment: 2007

Mandate: The focus of the TF will be to get a better understanding and insight (assessment) of: (i) the required investments and beneficiaries of those investments in agricultural water, (ii) the presently available financing mechanisms and constraints for maintaining or improving physical irrigation capacity; and (iii) the expected changes and innovations for more appropriate financing mechanisms to enable sustainable water use for food production.

Members: (1) Dr. Gerhard R. Backeberg, Chairman (South Africa 2009); (2) Mr. Eric Viala, Vice Chairman (USA, 2007); (3) Dr. Sylvain-Roger Perret, Secretary (France, 2010); (4) Mr. E. Farhadi (Iran, 2009); (5) Dr. K. Yamaoka (Japan 2009); (6) Mr. V.K. Chawla (India, 2009); (7) Dr. Brian Davidson (Australia, 2009); and (8) Secretary General, ICID.

Item 1 : Confirmation of minutes of the 4th meeting of TF-FIN

The minutes of the 4th meeting of TF-FIN held in October 2010 at Yogyakarta, Indonesia will be confirmed.

Item 2 : Membership of the Task Force

The nominations of Mr. Bashir Ahmad Sial (Pakistan) and Mrs. Ananya Ray (India) were deferred during New Delhi (2009) and Yogyakarta (2010) meetings, since they were neither present nor represented during the WG meeting. The Central Office invited (04 May 2011) the Pakistan National Committee of ICID (PANCID) and Indian National Committee of ICID (INCID) to confirm above nominations and/ or send fresh nominations. Responses are awaited.

Mr. Eric Viala (USA) has neither been present nor actively contributing to the activities of the TF-FIN for the past meetings (2008, 2009 and 2010). Central Office requested (04 May 2011) the U.S. National Committee of ICID (USCID) to confirm above nomination or send a fresh nomination. Response is awaited.

No other new nominations have been received so far.

Item 3 : Activity report of TF-FIN as per accepted Work Plan

At the Yogyakarta (2010) meeting, the proposed work plan (**Annex**) of TF-FIN was discussed and accepted, subject to continuation of the TF-FIN.

Central Office circulated the minutes of the TF-FIN held in Yogyakarta to the members of the TF-FIN. The members were informed of the Internal Workshop held on 12 October 2010 as per work plan. Dr. S.R. Perret (France), Dr. B. Davidson (Australia), Prof. K. Yamaoka (Japan) and Dr. G.R. Backeberg (South Africa) presented their case studies during the workshop.

It was observed that the participation and attendance of other country representatives at the workshop of TF-FIN was not satisfactory. Four members were present out of eight current members, besides four other observers. Throughout the workshop preparation process, invitations and reminders were repeatedly sent to members for their attendance and contributions.

The Central Office informed (04 January 2011) the four country members' i.e. Pakistan, India, Iran and USA, that the continuation of the Task Force was dependent on their contributions to the TF. The TF members present considered that it was not worth continuing the TF based on contributions from four members only.

It was discussed whether the members representing India, Pakistan, Iran and the USA should be given another opportunity to submit their papers on the workshop topic. It was agreed that ICID Central Office contact these specific members with an invitation to submit their contributions to the workshop. These contributions must adhere to the already distributed guidelines.

In response, two members i.e. Mr. Bashir Ahmed Sial (Pakistan) and Ms. Ananya Ray (India) have submitted their country papers titled "*Pakistan Policies and Strategies on Financing and Implementation of Current Water User Charging Systems in Irrigation*" and "*Country Policy and Strategies on Financing and Implementation of Current Water User Charging Systems in Irrigation: Case Study of India*", respectively. Responses from remaining two member countries are awaited.

The chairman may apprise the members.

Item 4 : Planned Workshop on 'Water Use Charging Systems and Available Financing of Irrigation: Case Studies for Cross-Country Comparisons' during TF-FIN meeting in Tehran, 2011; and Proposed full-day workshop of TF-FIN in Australia, 2012

At the Yogyakarta meeting (2010), the TF decided to conditionally organize a workshop on the topic "*Water Use Charging Systems and Available Financing of Irrigation: Case Studies for Cross-Country Comparisons*" during TF-FIN meeting in October 2011 at Tehran, Iran.

A full day (17 October 2011) has been provided to the TF for its meeting (09:00-12:30 hours) and workshop (13:30-17:00 hours), to be held during Tehran Congress. During the Yogyakarta (2010) meeting it was also agreed that continuation of the Task Force was conditional on at least **three** of **four** country members submitting papers on the 2010 workshop theme. Even by allowing additional time after the set deadline of January 2011, only two member countries responded (refer to Item 3 above). The required conditions were therefore not met and after consultation between the Chairman and Secretary, it was decided not to proceed with the planned workshop in Tehran.

The potential organization of a full day workshop in Australia in 2012 will be considered during the Tehran meeting of the TF.

Item 5 : Selected option for publication of workshop papers by TF-FIN members

Three different options for concluding the activities of the TF-FIN were considered during the Yogyakarta (2010) meeting: (i) an ICID position paper; (ii) a special issue of ICID Journal on Irrigation and Drainage; and (iii) a report on Task Force activities, with possibility to publish papers from the report. Discussion and selection of the preferred option will be considered during the Tehran meeting of the TF.

Item 6 : Conclusion of activities of the Task Force

Two alternatives are proposed for conclusion of the activities of TF: (1) Reporting (depending on selected option under Item 5 above) based on papers submitted and presented during workshops in New Delhi (2009) and Yogyakarta (2010); or (2) Reporting on the afore-mentioned workshop papers **plus** specific country papers on "Water use charging systems and available financing systems" as case studies for country comparisons. These papers will have to be completed by June 2012 at the latest. Discussion of the preferred alternative will be considered during the Tehran meeting of the TF.

The papers of workshops held in 2009 and 2010 **with or without** these additional papers will form the basis for a report / position of the TF-FIN on conclusion of its activities for reporting to the IEC in 2012.

Item 7 : Any other business

WORK PLAN

- Background for establishing the Task Force on Financing Water for Agriculture (originally established in September 2007 but active since December 2009)

In order to sustain food security and the economic contribution of the agricultural sector to society, adaptation of agricultural water management and associated institutions and infrastructure are necessary in many regions, due to the rapidly changing natural, social, economic and political environment.

In recent years it is widely accepted that water management for agriculture must be approached in a holistic way. This starts from the national water system, through the river basin and irrigation scheme system up to the farming system. At each level of complexity different decision-makers have responsibilities which impact on the whole system. These inter-relationships are particularly relevant to the question of sustainable financing of water for agriculture, specifically for the development of irrigation schemes.

Redirection of investments is to take place to meet the MDGs and to face the challenge of population growth, malnutrition and poverty, increasing competition for land and water, and the requirement to protect the ecology. New challenges are appearing that make adaptation to climate change and increasing energy costs essential.

Investors in water supply projects for agriculture are tending to evaluate the complete food value chain (farming inputs-crop production-distribution-processing-storage-retailing-consumption). In addition to traditional markets, potential new markets are emerging, such as consumer driven demand for processed, ready-made food. Apart from farmers and water service operators at the irrigation scheme level, a range of actors are involved through backward (upstream) and forward (downstream) linkages up to the consumer.

Future investments in water for agriculture will therefore be analyzed differently than has conventionally been done in the past. This includes the scale of projects, the collective interests which initiate or support development projects and the sources of funding to finance the projects. Clear guidelines for individual/collective action, private/public responsibility and national/international financiers will be useful to direct investments in water for agriculture.

- To better understand the above complexity, the Task Force on Financing Water for Agriculture (TF-FIN) formulated three main questions as a guideline for the work plan:
 1. What are the priorities for financing infrastructure for agriculture?
(Expansion or efficiency improvement of irrigated agriculture; small-scale subsistence or large-scale commercial enterprises)
 2. Who should pay for these investments?
(Public or private interests or both)
 3. What financing mechanisms are most appropriate?
(Review of a mix of policy instruments that are complementary but consistent)

These questions are the basis for the plan of action over the next 3 years. In order to effectively perform the tasks, it was agreed during the meeting held in December 2009 in New Delhi to focus on the core issues and not to duplicate material that is generally available in the literature. Given the nature of ICID task forces or working groups, namely representation of member countries, the effective way is to (1) share country experiences through (2) the expert country representatives by means of (3) annual workshops. That contribution can then form the basis for a report of the TF:FIN and conclusion of the activities.

- The following topics for workshops are considered appropriate:
 - 2009:** Principles and approaches to guide development and financing of water supply for irrigation schemes.
 - 2010:** Country policies and strategies on financing and implementation of current water user charging systems in irrigation.

2011: Water user charging systems and available financing of irrigation: Case studies and cross-country comparisons

2012: Proceedings or report by the Task Force on priorities for financing water for agriculture, public or private sources and appropriate financing mechanisms.

- For successful completion of these tasks two issues are paramount: First, all task force members must prepare papers on the country they are representing for the specific workshop topic per meeting. If a specific member is not interested or capable of preparing the paper, they are free or obliged to nominate a colleague from that country to do so. Second, the content of the paper for each topic must be informed by the questions which guide the activities of the Task Force. If this is consistently done, it should be possible to have proceedings in two parts, principles and practices, highlighting the similarities and differences of wide ranging situations in ICID member countries. The proceedings will obviously have an introduction and conclusion, with a summary or synthesis.

Frameworks, guidelines and responsibilities for papers presented during workshops as well as the final proceedings or position paper will be discussed during consecutive Task Force meetings.

Agenda for the Eighteenth Meeting of the
ICID JOURNAL EDITORIAL BOARD (EB-JOUR)
 Tehran, Iran
 17 October 2011: 13:30-17:00 hours

Year of Establishment: 1994

Mandate:

- To ensure with the (Joint) Editor(s) that the Journal is published in accordance with editorial policies;
- To select and recommend to IEC, through PCTA, the appointment of (Joint) Editor(s), Associate Editors and Members;
- To review and update editorial policies when required, to conform with the developing ICID objectives;
- To address and resolve issues pertaining to the Journal;
- To review guidelines for authors, manuscript reviewers and book reviewers and liaise and coordinate with ICID workbodies.

Members: (1) President Hon. Prof. dr. Bart Schultz, Chairman (The Netherlands, 2002); (2) Vice President Hon. Prof. Hector Malano, Joint Editor (2008) (Australia, 2001); (3) Dr Nick C. Van de Giesen, Joint Editor (2008) (The Netherlands, 2007); (4) Ir. Paul J.M. van Hofwegen, Editor Emeritus (The Netherlands, 2008); (5) Dr. Bryan P. Thoreson, Associate Editor (USA, 2001); (6) Mrs. Isabelle M. Proulx, Associate Editor (Canada, 2003); (7) Prof. Mrs. Ir. Indreswari Guritno, Associate Editor (Indonesia, 2004); (8) Dr. Benjamin de León Mojarro, Associate Editor (Mexico, 2005); (9) Dr. Bruce Lankford, Associate Editor (2009) (UK, 2007); (10) Dr. Macel Kuper, Associate Editor (France, 2009); (11) Prof. Machiel F. Viljoen, Associate Editor (South Africa, 2009); (12) Mr. Bernard Vincent, Associated Editor (France, 2010); (13) Prof. Daniele de Wrachien, Associate Editor (2010) (Italy, 2001); (14) Mr. Kristoph-Dietrich Kinzly, Associated Editor (USA, 2010); (15) Vice President Hon. Larry D. Stephens (USA, 2001); (16) Dr. Muhammad Latif (Pakistan, 2002); (17) Vice President Hon. Prof. Kwun, Soon-Kuk (Korea, 2003); (18) Dr. Joachim Quast (Germany, 2004); (19) Prof. Y.C. Tan (Chinese Taipei, 2006); (20) Prof. Dr. Jinzhang Yang (China, 2007); (21) Mr. C.M Pandit (India, 2009); (22) Dr. Yohei Sato (Japan, 2009); (23) Prof. Dr. Mohd. Amin bin Mohd. Soom (Malaysia, 2009); and (24) Dr. Vijay K. Labhsetwar, Coordinator (ICID Central Office).

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

Item 1 : Confirmation of the minutes of 17th meeting of the Editorial Board

The minutes of the 17th meeting have been published and were disseminated among the members of EB-JOUR. They are expected to be confirmed during the meeting.

Item 2 : Review of the membership of the Editorial Board

Dr. Moshin Hafeez (Australia) and Mr. Kristoph-Dietrich Kinzli (USA) have actually started working as Associate Editors, preceding final approval in this meeting.

The Iranian National Committee of ICID (IRNCID) has sent (25 April 2011) the nomination of Dr. Mohammad Javad Monem (Iran) in place of VPH Dr. S. Nairizi for the membership of EB-JOUR. CV of Dr. Monem will be made available during the meeting for consideration.

In the Yogyakarta (2010) meeting, Dr. Yohei Sato (Japan) had offered to explore whether a new Board Member/Associate Editor from Korea or Japan could be nominated. Central Office requested (08 June 2011) Dr. Sato to explore this possibility. In response, Dr. Sato has informed (8 June 2011) that the subject matter is under consideration. Further response is awaited.

Other nominations for Associate Editors and/or Editorial Board Members are most welcome, provided that they will be in a position to significantly contribute to the work of EB-JOUR.

The Chairman may apprise the EB members.

2.1 Term of members

At the occasion of the Tehran meeting, the term of Dr. Ir. Indreswari Guritno (Indonesia) as Associate Editor and Prof. Dr. Joachim Quast (Germany), as Editorial Board Member expires. The Chairman has contacted them with the request to inform if they want to continue their membership or wish to resign.

In response, the German National Committee of ICID (GECID) has sent (16 August 2011) the nomination of Prof. Dr. Klaus Röttcher (Germany) in place of Dr. Joachim Quast for the membership of EB-JOUR. CV of Dr. Röttcher will be made available during the meeting for consideration.

The Chairman may apprise EB members.

Item 3 : Reports (from Editor, Chairman etc.)

The report of the Chairman for 2010 has been disseminated before the meeting. Various points emerging from this report will be presented and discussed during the meeting.

The impact factor has been reduced from 1.108 in 2009 to 0.552 in 2010. For the first time, a five year impact factor has been determined. This factor is: 0.852.

3.1 Special Issues

In 2010, there have been no sponsored Special Issues.

In 2011 and/or 2012, three sponsored Special Issues are expected. They being:

- Special Issue prepared by the Working Group on Sustainable Development of Tidal Areas;
- Special Issue based on selected papers of the 24th ICID Regional European Conference in Orléans, France;
- Special Issue based on selected papers of the 25th ICID Regional European Conference in Groningen, The Netherlands;

In 2012, one of the regular issues will be prepared based on selected papers from the Tehran Congress.

3.2 Two ICID pages per issue

For all the regular issues, the Central Office prepared two ICID pages.

The ICID Central Office has been regularly and timely providing relevant text of interest in these two pages.

3.3 Book Reviews

Prof. Daniele de Wrachien (Italy) has prepared a review of the book – “*Water in Central Asia: Past, Present and Future*” by VPH Prof. Victor A. Dukhovny and Joop L.G. de Schutter.

Prof. Wrachien may apprise the EB members.

3.4 French resumés

All French resumés are checked by Mr. Bernard Vincent (France) after final approval of the papers.

The EB members express their gratitude to Mr Vincent for this support.

3.5 Recognition to the reviewers

The reviewers of 2010 have been recognised in the first issue of 2011.

3.6 Best Paper Award 2011

In 2010, 50 papers have been 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 awardee will have an option to choose. The 'Best Paper Award 2011' will be presented to the winner during the IEC meeting on 23 October 2011 at Tehran, Iran.

Item 4 : Distribution of the Journal among the ICID membership

Under the third Agreement with M/s Wiley-Blackwell for the period 2009-2013, each National Committee receives ten copies - online + print, or online only - of each issue of *Irrigation and Drainage* for free. In addition, one online access of each issue for each individual who is an incumbent, or active honoraire office bearer, or an active member of an ICID work body will be provided. In addition each individual member of a National ICID Committee is entitled to receive an online only, or an online + print subscription at the special discounted ICID member subscription fee. The hard copies are sent by M/s Wiley directly to the National Committees.

The Central Office compilation (2011) covering all categories show that there are 294 online (only) subscriptions, 273 subscriptions as online+print and 319 as print only subscriptions (Total = 886).

The Chairman may apprise the EB members.

Item 5 : Issues related to M/s Wiley-Blackwell

5.1 Improved information on Manuscript Central

Consultations have been held with M/s. Wiley-Blackwell on the improvements in the Manuscript Central System, especially focussing on:

- automatic warning of Joint editors when a new or revised paper has been received;
- fully automatic handling of papers and reviews in the system;
- automatic reminders to invited reviewers when no answer is being received within a certain period;
- more facilities based on further discussion between the chairman and the joint editors.

The Chairman may apprise the EB members.

5.2 List of key words to M/s. Wiley-Blackwell for upgrading the manuscript central system

PH Dr. Bart Schultz, Chairman of EB-JOUR enquired (12 June 2011) if it would be possible to spare the list of 'Key Words' (not the explanations) from our Multilingual Technical Dictionary for use by M/s. Wiley-Blackwell.

The issue was placed before the Management Board (MB) by circulation. It was decided by the MB that tentatively, permission can be given to spare the 'List of Words' to M/s. Wiley-Blackwell as proposed by the Chairman, EB-JOUR, for the purposes outlined. Following the decision, the Central Office has provided (19 July 2011) a word file containing the key words for being spared to the M/s. Wiley-Blackwell.

Chairman may apprise the EB members.

5.3 Open Access publication

There was also a discussion on the advantages and disadvantages of open access to papers during Yogyakarta (2010) meeting. This may become actual when the present Agreement with Wiley-Blackwell expires by the end of 2013, Prof. Dr. Nick van de Giesen has made some enquiries and reported (14 June 2011) as below:

“Through Copernicus (<http://www.copernicus.org/>) it is possible to publish Open Access journals. The main difference is that the people publishing will pay for the publication costs (Eu 400 - Eu 800 per article, depending on length of the paper). The main advantages are that there are no page limits and that everybody has free access. The disadvantage is that the people submitting the articles have to pay the costs. The latter may also be an advantage because people will think twice before submitting an article. The Editorial Board may discuss and take a view.”

Prof. Giesen has informed (14 June 2011) that he will not be able to attend Tehran meetings. The Chairman may apprise the EB members.

5.4 Follow-up of Agreement with M/s. Wiley-Blackwell after expiry of the present Agreement by the end of 2013

The present Agreement with M/s. Wiley-Blackwell expires by the end of 2013. This implies that by 2012 a decision has to be made with respect to a possible continuation with M/s. Wiley-Blackwell or change to other publisher. It will be useful to discuss the approach and strategy to be adopted in time for making an informed decision. The matter will be discussed during the meeting.

Item 6 : Any other business

Agenda for the First Meeting of the
WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)
 Tehran, Iran
 17 October 2011: 09.00-12.30 hours
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: (1) Dr. Park Sang Hyun, Chairman (Korea, Rep. of 2002); (2) Ir. Henk P. Ritzema, Vice-Chairman, 2009 (The Netherlands, 2002); (3) Dr. Ruey-Chy Kao, Secretary, 2009 (Chinese Taipei, 2007); (4) Vice President Hon. Prof. Cai Lingen (China, 2002); (5) Dr. Indreswari Guritno (Indonesia, 2002); (6) Dr. E.J. James (India, 2002); (7) Dipl. Ing. Bernd Probst (Germany, 2003); (8) Mr. Ueda Kazumi (Japan, 2003); (9) Mr. Teoh Weng Chaw (Malaysia, 2007); (10) Dr. (Ms.) Hsiano-Weng Wang (Chinese Taipei, 2010) as Young Professional; and (11) Secretary General, ICID.

Observers: (i) Dr. Jo Jin Hoon (Korea, 2009); (ii) Dr. Daesu Eo (Korea, Rep. of); (iii) Mr. Robiyanto Hendro Susanto (Indonesia); (iv) Mr. Harry Denecke (FAO/IPTRID); and (v) Dr. Dhimant B. Vyas (India).

Websites: <<http://www.wg-sdta.icidonline.org>> and <<http://www.webhard.co.kr>>

Item 1 : Confirmation of the minutes of the 9th meeting of the erstwhile Working Group

The minutes of the 9th meeting of the erstwhile Working Group held at Yogyakarta (2010), Indonesia will be confirmed.

(A) Issues emerging from the erstwhile WG-SDTA

Item 2 : Publication of the Handbook on SDTA

At Yogyakarta (2010), the WG draft publication titled '*Towards Sustainable development of Tidal Areas: Some Principles and Experiences*' was presented to the members in a draft (final) shape for consideration. The concerned Chapters of the SDTA Handbook were discussed by the respective editors and reviewers.

Following the Yogyakarta meeting, the contributors/reviewers intensely considered the issues and concerns emerged from the discussion for almost the whole year and revised every chapter one more time including the cover design. This has resulted in even more improved contents. The final publication will be released during the Tehran Congress. This publication will assume all importance that it deserves and will remain as a benchmark publication in the history of ICID in the area of SDTA. The publication is a result of hard and untiring efforts from the Chairman and the members of WG-SDTA since 2001. Numerous other experts/ professionals and reviewers from many countries (listed in the publication) have contributed to this publication. The management of ICID places on record, its profuse acknowledgement.

Item 3 : A Special issue of ICID Journal on SDTA

At Yogyakarta (2010), it was decided by the members of the WG that a Special Issue of ICID Journal based on SDTA - publication will be published in 2011. It was also agreed that the National Committees represented in the WG-SDTA will sponsor the Special issue. A Special issue costs about US\$ 15,000 for about 10 papers which will be reviewed by Guest Editors. The 10 papers will be prepared by the members of the erstwhile WG based on the contributions to the SDTA - publication. The format of the Special Issue of the "Irrigation and Drainage" will be same as prescribed for the Journal.

The Chairman may apprise the WG members.

(B) Issues emerging from the New Mandate

At Yogyakarta (2010), the issue of the new mandate of the WG-SDTA was discussed and the tenure of the WG extended by 6 more years i.e. from 2011-2016. The draft mandate of the WG-SDTA, as given above, needs to be finalised and placed before PCTA/IEC for consideration.

The description of the mandate (draft) is available at **Annex**.

Item 4 : Review of membership of the Working Group

4.1 Continuing the membership

In order to maintain the continuity in the activities of the WG, it is proposed to continue the membership of the WG as before unless the concerned National Committee desires to replace the existing member considering the new mandate.

The Indian National Committee of ICID (INCID) has nominated (6 July 2011) Mr. T. Nagendra (India) in place of Dr. E.J. James for the membership of the Working Group. The CV of Mr. Nagendra will be available during the meeting for consideration.

At Yogyakarta (2010) Meeting, Mr. K. Ueda (Japan) informed that Prof. Hiramatzu (Japan), who has contributed significantly as chapter editor of the Handbook, will replace him. Formal nomination is awaited.

Dr. Park SH, Chairman of the WG desires to step down and proposes that a new candidate from Korea may replace him as a member in the WG. Nomination from KCID is awaited.

Dr. Indreswari Guritno (Indonesia) has informed that she will not be able to join the Tehran meeting.

Attendance of members at meetings in 2009 and 2010 will be presented during the meeting.

4.2 Election of Chair, Vice-Chair and Secretary

At Yogyakarta (2010) meeting, it was proposed that in view of new mandate, the issue of election of new Chair, Vice-Chair and Secretary be placed for consideration during the Tehran meeting (2011) of the WG.

The Central Office has requested (16 August 2011) all existing members to send an '*Expression of Interest*' for the Chair, Vice-Chair or Secretary of the WG for consideration during the Tehran meeting. Responses are awaited.

The WG may like to elect/nominate the new Chair, Vice-Chair and Secretary during the Tehran meeting.

Item 5 : Sustainable management options for lowlands

Scope needs to be developed.

Item 6 : Climate change and increasing risks on tidal areas

Scope needs to be developed.

Item 7 : Survey – past design and management systems, operational standards and rehabilitation methods

Scope needs to be developed.

Item 8 : Review the progression of natural wetland conservation and constructed wetland development in tidal areas

Scope needs to be developed.

Item 9 : Organize international dialogue / conferences to promote land and water management in tidal areas

Scope needs to be developed.

Item 10 : Internal Workshop of WG-SDTA, Tehran, Iran

The internal workshop of WG-SDTA titled “*Sustainable Water / Environment Management in Tidal Areas*” is scheduled to be held on 17 October 2011 (13.30-17.00 hours) together with the workbody’s regular meeting.

Theme: “Sustainable Water / Environment Management in Tidal Areas”

Scope: Tidal areas, with abundant ecosystems, are important interactive water-land environments. Due to the global climate change, tidal areas are threatened by rising sea levels, extreme flood and drought events. Water / Environment Management in tidal areas hence should involve multiple perspectives, such as water quality management, ecological resources management and flood management, with sustainability concerns. More studies and scientific opinions of Water / Environment Management are necessary. Water / Environment Management is based on the learning process in face of uncertainty. Among the integration of various achievements of monitoring, forecasting, assessing, and decision making which relate to the Water / Environment Management, innovative measures can be proposed, and feasible strategies of sustainable management of tidal area resources can be derived. Therefore, it is expected to synthesize and share valuable experiences and technologies in different parts of the world to enhance ‘Sustainable Water / Environment Management in Tidal Areas’ during the workshop. Select papers will find a place in the Special Issue of ICID Journal on SDTA in 2012.

Sub-themes:

1. Water Quality Management in Tidal Areas
 - Process of Waste Water Transport
 - Water Quality Monitoring and Improvement Measures
2. Ecological Resources Management in Tidal Areas
 - Strategies Monitoring and Forecasting
 - Risk Assessment / Management
3. Flood Management in Tidal Areas
 - Forecasting, Vulnerability Assessment
 - Impact and Mitigation of Climate Change
4. Engineering for Sustainable Development of Tidal Areas
5. Integrated Tidal Area Management and Decision and Policy Making

Ten abstracted papers have been received (May 2011) so far: Taiwan (3), Korea (4), The Netherlands (2), Indonesia (1). Out of ten abstracts, seven full length papers have been received and each paper has been delivered to three reviewers for review by end of August 2011. Depending on the review results, Integrated review will be carried out by WG Leaders including Prof. Henk, Prof. Ruey and Ms. Liu (Chinese Taipei) at WG Secretariat as well

as by Mr. Kim Ju Chang (Korea). Korean NC will support the printing of the workshop proceedings in cooperation with Prof. Ruey (Chinese Taipei), as ever.

The Chairman may apprise the WG members.

Item 11 : Work Plan / Future Activities

At the WG meeting held in Yogyakarta (2010), the Chairman proposed a new work plan for future activities of the WG-SDTA.

- Preparation of papers for Special Issue of the ICID Journal
- Preparation of new Principle and study items on sustainable management of Tidal areas
- Six-years rolling plan for WG activities
- Organization of Workshops
- Publications, concerned on Sustainable Management of Tidal Areas etc.
- Other issues

At the WG meeting in Tehran, detailed Six-years rolling plan will be prepared for future activities of the WG-SDTA.

Item 12 : Any Other Business

Award for the Best Performing Workbody (2011)

The WG-SDTA was established in 2001 and the Chairman nominated it for the 3rd Award for the Best Performing Workbody in 2011.

In nutshell, the WG-SDTA has given sincere efforts not only to improve irrigation and drainage problem in the farm land and flood prone agricultural area but also to expand ICID activities from farmland area to the tidal reclamation areas.

The Working Group members have devoted to publish Handbook on SDTA and organize International Workshops for 8 sequential years from 2002 to 2010, supported by numerous ICID National Committees and ICID leaders. The WG has contributed to provide valuable opportunities to transfer knowledge and experiences among WG members from developed countries, who have advanced technology, to developing countries, who need it.

WG-SDTA is in good harmony with International Organizations, such as Global Environmental Centre (GEC) who provided "Guideline on Integrating Wetland Conservation" supported by Ramsar, the Society of Agricultural Research on Reclaimed Lands and International Network for Water and Eco-system in Paddy Field (INWEPF) to exchange valuable information and to find distinguished authors and contributors to publish the Handbook and organize Workshop on SDTA.

In the future, we may face an extreme climate as a result of global climate change and we must deal with it. WG-SDTA will continue to share related technologies, valuable experiences and advanced knowledge to protect tidal areas while improving environment and preventing related disasters, during second phase of the WG (2011-2016).

It is a great pleasure to inform that Panel of Judges for the 3rd Award for the Best Performing Workbody (BPWA-3) has selected "Working Group on Sustainable Development of Tidal Areas (WG-SDTA)" for the 'Best Performing Workbody Award – 2008-11'.

The Chairman and all other members of the workbody are felicitated by ICID for their great efforts.

Following the usual practice, the Central Office would provide the award Citation with a Plaque to each member of the Workbody (*as per the latest membership composition but having served on the workbody for at least 2 years*).

The Chairman and all the Working Group members have been congratulated by ICID management for their untiring efforts.

Japanese booklet on SDTA

Vice President Hon. Dr. Shigetaka Taniyama (Japan) has informed (9 August 2011) that the Japanese National Committee of ICID (JNC-ICID) is preparing a small booklet for Japanese readers on Japan's role in the publication of WG-SDTA handbook. JNC-ICID has collected 20 original papers written by Japanese engineers and scientists which have been presented during various workshops organized by WG-SDTA. JNC-ICID intends to include the ICID position paper on SDTA (*ICID Journal on Irrigation and Drainage, Special Issue on 'Water for Food and Poverty Alleviation, February 2009, Supplement 1, Volume 59, Pages S22-S59*) written by Dr. Park San Hyun (Korea), Ir. Jonathan Simm (UK) and Ir. Henk Ritzema (The Netherlands) in the booklet. The booklet is also likely to include a list of technical reports, papers and materials on the subject from Japan since 1930.

Prof. Hiramatzu (Japan) / VPH Dr. Taniyama may apprise the members.

WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)

Description of the Mandate (Draft)

Tidal areas, with abundant ecosystems, are important interactive water-land environments. Due to the global climate change, tidal areas are threatened complicatedly by rising sea level, extreme floods events and droughts and so on.

It is hence urgent to revisit the past design and management system, operational standards and rehabilitation methods of the existing irrigation and drainage facilities, and review the progression of natural and constructed wetlands in near shore, estuary, and tidal flat areas.

Aiming to reduce CO₂ and protect the ozone shield, green power generation such as wave or tidal current energy is adopted, hoping that by which measure we can slow down the climate change. However, as offshore energy infrastructures are being established increasingly, facilities such as offshore wind farms may occupy large areas and compete with other users of the maritime space. Offshore platforms than can combine many functions within the same infrastructure could offer significant benefits in terms of economics, optimizing spatial planning and minimizing the impact on the environment.

Hence, novel innovative designs for multiuse offshore platforms targeting ocean renewable energy and in particular offshore wind, aquaculture and the related services should be developed in tidal areas. Efforts need to be made to address the interaction between energy and other platform users, and to assess the economic viability and environmental impacts in Tidal areas. Also, in order to better understand the changing tidal area environment, we have to introduce enhanced survey techniques and systematic monitoring programs in the tidal area.

Under the pressure of human activities, tidal land area in many countries has been subsiding due to over-pumping groundwater. Problems such as sea water intrusion, land salinization, and decreasing land value could then occur in higher potential. While tacking with the extreme events, ICID WG-SDTA should initiate more discussions on and raise awareness of the increasing risk on tidal areas by joining international dialogues and organizing international conferences in cooperation with related WG, such as WG-DRG, WG-DRG, WG-CLIMATE and WG as well as WGENV, supported by each regional WG and NC who are concerned with Tidal areas.

The ultimate goal for WG-SDTA is to find a balance between the preservation and development of tidal areas, and thus provide relevant experiences to assist island, developing, and undeveloped countries.

WG SDTA will derive feasible strategies of sustainable management of lowland, watershed, and water and land resources to reduce the risk or appropriate exploitation of tidal and ocean energy to reduce carbon dioxide emissions should be formed.

Agenda for the Sixth Meeting of the
**WORKING GROUP ON GLOBAL CLIMATE CHANGE AND
 AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**
 Tehran, Iran
 17 October 2011: 13.30-17.00 hours
Strategy Theme: Systems

Year of Establishment: 2005

Completion of the Mandate: 2014

Mandate:

- To review the progression of and predictions for Global Climate Change (GCC) and climate variability,
- To explore and analyze the medium-term implications of climate change and climate variability for irrigation, drainage, and flood control,
- To stimulate discussion and raise awareness of water-related GCC issues within the ICID family,
- To stimulate discussion at national scales among scientists, policy makers, and, through the media, the general public on GCC and water, and
- To join the international dialogue on GCC and water.

Members: (1) VPH Dr. Mark Svendsen, Chairman (USA, 2006); (2) Dr. Tsugihiko Watanabe, Vice Chairman (Japan, 2006); (3) Mr. Ray Shyan Wu, Secretary (Chinese Taipei, 2007); (4) VPH Dr. Karim Shiyati (Iran, 2006); (5) VPH Dr. André Musy (Canada, 2007); (6) Dr. Kim Russell (Australia, 2007); (7) Ms Nurgül Üzücek (Turkey, 2007); (8) Dr. Krishna Kumar Kanikicharla (India, 2007); (9) Prof. Heping Hu (China, 2008); (10) Prof. Sue Walker (South Africa, 2009); (11) Dr. Roestam Sjarief (Indonesia, 2010); (12) Dr. Juan A. Rodriguez-Diaz (Spain, 2010); and (13) Secretary General, ICID.

Permanent Observers/ Observers: (i) Mr. Avinash C. Tyagi, WMO; (ii) Dr. Claudia Ringler, IFPRI; (iii) IWMI Representative; and (iv) FAO Representative.

Website: <<http://140.115.62.223/raywu/ICID/index.php>>

Vide e-mail of 5 September 2011, Chairman VPH Dr. Mark Svendsen informed that he will not be attending the Tehran meeting and Vice Chairman Dr. Tsugihiko Watanabe will be chairing the WG meeting.

Item 1 : Confirmation of the minutes of the 5th meeting of the Working Group

The minutes of the 5th meeting of the Working Group held at Yogyakarta in October 2010 will be confirmed.

Item 2 : Review of membership

No new nomination was received by the Central Office for the membership of the Working Group.

The following nominations were deferred by the group due to their non-attendance at the Yogyakarta meeting:

- Dr. Edward Keith Weatherhead (UK)
- Ir. C.W.J. Roest (The Netherlands)
- Mr. Naseer Ahmed Gillani (Pakistan)
- Ms. Flaviana S. Hilario (Philippines)

In January 2011, the Central Office informed the WG's decision to the respective National Committees (copied to the nominees) to advise their nominees to attend the 6th meeting of the WG at Tehran for consideration of their membership. Response is awaited. CVs of the above nominees will be tabled at the meeting. The group may like to consider their membership.

Attendance of members at the meetings held in 2009 and 2010 will be circulated at the meeting.

CONTINUING ITEMS

Item 3 : Work Plan of the Group

The group decided to extend its tenure up to 2014 which was subsequently agreed by PCTA/ IEC. The following items were proposed to be included in the work plan:

- Continue a program of sharing knowledge among members and other interested parties;
- Co-sponsor and support the Tehran Symposium on Climate Change Impacts on Soil and Water Resources (see Item 8);
- Serve as convener, on behalf of ICID, of a one-day session at the 2012 WWW in Stockholm, which has as its theme Water and Food Security;
- Support preparations for ICID input to WWF6 on issues dealing with climate change; and
- Contribute to the UN Water Task Force on Water and Climate.

At the 28th meeting of the WG-DRG held on 11 October 2010 at Yogyakarta, the WG suggested to transfer the topic 'Impact of climate change on drainage' to WG-CLIMATE due to lack of inputs from members. The Chairman Dr. Vlotman of the WG – DRG or WG's nominated representative may like brief at the meeting. The group may like to discuss and decide it at the meeting.

At Yogyakarta meeting, the Chairman described World Water Week (WWW) held annually at Stockholm as a forum for the exchange of views and experiences between scientists, policy makers, and business people around the world and reported that the theme for WWW 2012 is *Water and Food Security*. The theme for World Water Day 2012 is also *Water and Food Security: Call for Solutions*. The Chairman reported initial interactions with the Research Institute for Humanity and Nature (RIHN) in Japan, SIWI, and FAO regarding the organization of a one-day Seminar at WWW 2012 on the topic *Adapting Agriculture to a Climate Changing World*. The group agreed that this would be a useful seminar and the PCTA had recommended its approval to take on the role of convener of such a session. Conclusions and insights generated in the Tehran meeting/ symposium could be further explored in the WWW 2012 session.

Chairman VPH Dr. Svendsen may like to provide further updates on the work plan.

Item 4 : Website of the Working Group

At the Yogyakarta meeting, the group noted that the website of the Group <<http://140.115.62.223/raywu/ICID/index.php>> as prepared by Dr. Ray-Shyan Wu (Chinese Taipei) is functional. The website is linked with ICID website at http://www.icid.org/w_body.html#53. The website provides updated information on membership, agenda, minutes, presentation etc.

All members are requested to visit the website and provide relevant documents to Dr. Ray-Shyan Wu/ Central Office for posting.

Item 5 : Report of the Task Forces related to the group

• UN Water Task Force on "Water and Climate"

The establishment of a UN-Water Task Force on Water and Climate Change was proposed in 2008 aiming to offer 'an opportunity to further discuss climate change and water linkages in their widest sense and to ensure that the UN-System in general, and UN-Water in particular, is better prepared to meet further challenges and play an essential role in this area'. The TF is coordinated by Mr. Avinash Tyagi, Director, Climate and Water Department, WMO.

In order to respond to the challenges posed by GCC, a long-standing coordination mechanism was required. Hence, as per the decision of the UN-Water meeting in January 2010, the Task Force on Water and Climate Change was transformed into the *Water and Climate Change Thematic Priority Area (WCC-TPA)*.

The core objective of the WCC-TPA is to strengthen UN System coordination on activities related to water and climate change in order to facilitate assessment by Member countries of the impacts of climate change on water and adoption of strategies for meeting the challenges of climate change both for adaptation and mitigation in the related water sub-sectors.

For the period 2009-2010 the following activities have been completed:

- fostering cooperation and coordination in preparatory activities and at the 5th World Water Forum in March 2009 in sessions, the political track and inside events,
- making a significant contribution to the outcomes of the World Climate Conference-3 in August-September 2009,
- carrying out a mapping exercise of UN-Water members and partners on mandates and capacities related to water and climate issues,
- investigate opportunities to support the COP process (UNFCCC) in relation to water and climate change.

The following activities are ongoing:

- assessing capacity gaps within UN-Water and produce guidelines for members addressing the key challenges and water-related adaptation/mitigation issues
- develop a joint program on climate change mitigation and adaptation in water sector, with a joint pilot project in one of the identified countries under the one-UN, in collaboration with the UN-Water Task Force on Country Level Coordination
- build awareness at various levels on climate change issues in various water related sectors
- develop relevant joint publications to serve the above purposes

More information on the TF can be viewed at < <http://www.unwater.org/TFclimate.html>>.

- **ICID Asian Regional Task Force on Climate Change and Irrigation (ARTC-CC)**

ARTF-CC was set up at the Sacramento meeting of Asian Regional Working Group to study adaptation measures to tackle with climate change in the field of irrigation and drainage. It is obvious that countermeasures will vary from country to country, depending upon respective climatic condition and degree of climate change effect as well as socio-economic development stage and present status of irrigation and drainage facilities. Nevertheless, this study aims at finding out some similarity among countries under common conditions and universal ideas lying under various cases, which will be useful and referred to when irrigation/drainage engineers, working as government officials, researchers, practitioners and others, consider practical mitigation/adaptive measures to meet their own conditions related to climate change.

The study was carried out by compiling information through a questionnaire and country case studies. So far, 11 countries have participated in this study and have submitted 14 cases. The Central Office has been forwarding from time to time the filled-in case studies received from the National Committees/ members to Chairman Dr. Svendsen.

ARTF-CC plans to compile the results available so far in a draft report and present during its Tehran meeting as well as ICID Symposium on '*Climate Change Impacts on Soil and Water Resources*'. The final report will be prepared for the 6th World Water Forum to be held in Marseille in 2012.

Chairman VPH Dr. Svendsen/ VP Ota may like to apprise the updates during the meeting.

Item 6 : WG related communications

The Central Office has circulated the following web links / web-based resources and documents related to climate change as received from other international organizations among members from time to time.

- A press release titled "New Commission confronts threats to food security from climate change"
 - National Water Commission for Mexico (CONAGUA)'s publication "Dialogs for water and climate change: Call to action"
 - 3rd International Conference on Advances in Space Technologies (ICAST), 6-8 July 2011, Islamabad, Pakistan
-

The following documents may be of interest to WG:

- Background note on Climate change, water and food security, Eva Ludi, March 2009 (<http://www.odi.org.uk/resources/download/3148.pdf>)
- Climate change reference guide, Alice Mckeown and Garry Garnder (<http://www.worldwatch.org/files/pdf/CCRG.pdf>)
- Agriculture, Food Security and Climate Change: Outlook for Knowledge, tools and action, CCAFS Report No.3 (http://ccafs.cgiar.org/sites/default/files/pdf/ccafs_report_3-low-res_final.pdf)
- Impacts of climate change on water resources and agriculture and Sri Lanka: A review and preliminary vulnerability mapping, Nishadi Eriyagama, Vladimir Smakhtin, Lalith Chandrapala and Karin Fernando, IWMI Research Report 135 (<http://ccsl.iccip.net/rr135.pdf>)
- Water storage in an era of climate change: Addressing the challenge of increasing rainfall variability, Matthew McCartney and Vladimir Smakhtin, Blue paper, IWMI (http://www.hydrology.nl/images/docs/alg/2010_IWMI_Blue_Paper_Water_Storage_Climate_Change.pdf)
- Sustaining water for all in a changing climate, World Bank group implementation progress report of the water resources sector strategy (<http://siteresources.worldbank.org/NEWS/Resources/sustainingwater.pdf>)
- Addressing climate change in Asia and the Pacific – Impacts on food, fuel and people, Asian Development Bank (<http://www.adb.org/Documents/Brochures/Climate-Change/brochure.pdf>)

Members are encouraged to provide their comments/ suggestions on the above documents to the Chairman and also inform about the other web links/ documents related to the activities of the WG.

Item 7 : Methane flux from irrigated wetlands rice fields

At Yogyakarta meeting, Vice Chairman Dr. Watanabe described a new research program at Research Institute for Humanity and Nature (RIHN) on methane measurements from a new Japanese satellite from paddy fields which was just getting underway and offered to report findings at a subsequent meeting of the WG.

Dr. Watanabe may apprise further developments at the meeting.

Item 8 : Symposium on Climate Change at Tehran in 2011

The *Symposium on Climate Change Impacts on Soil and Water Resources* will be held on 18 October as a part of 21st Congress. The symposium is co-sponsored by the WG. The Central Office in February 2011 disseminated the background note and scope of the Symposium and requested all members to submit abstract of the papers for the event. In all, the Central Office has received 10 papers (9 oral and 1 poster) for the Symposium.

Members are encouraged to attend the symposium

Item 9 : Any other business

Water and Climate related events:

• **UN-Water Seminar: World Water Day 2012 - Water and Food Security: Call for Solutions**

An UN-Water Seminar: World Water Day 2012 - Water and Food Security: Call for Solutions will be held on 24 August 2011 in Stockholm on the sidelines of WWW 2011.

The World Water Day in 2012 is intended to draw the international attention on the relationships between water and food security. "Food security exists when all people, at all times, have physical, social and economic access to sufficient, safe and nutritious food to meet their dietary needs and food preferences for an active and healthy life" and water is one of the fundamental input factor to the food production. Food security has been raising the international political agenda following the peak prices of 2008 and the financial crisis of 2009. Since then, the raising commodity price level and continued volatility have destabilised food security in several countries. Further population growth, urbanisation, changing diets and development pressure on land and water (including resources allocated to bio-fuel production) and energy cost increase are all conducive to a progressive and severe water scarcity that will in turn undermine the food security. At the same time, climate changes are expected to impact the most food insecure populations first.

ICID will be represented by Secretary General M. Gopalakrishnan at the seminar. This seminar will address the status and prospects for food security and will illustrate the water-related implications. It is envisaged that the conclusions of the seminar will provide key messages and promising solutions to form the basis of the campaign for the World Water Day 2011, coordinated by FAO on behalf of UN-Water members and partners.

- **Indo-German Roundtable on Water, Climate Change and Conflict, April 2011, India**

The Indo-German Roundtable on Water, Climate Change and Conflict was organized by The Energy and Resources Institute (TERI) on 14 April 2011 at New Delhi, India. The meeting has thrown up important suggestions for identifying sustainable pathways for cooperation and ensuring universal water security under the climate change dispensation. Dr. S.A. Kulkarni (CO) represented Secretary General at the event.

- **GWP Workshop on “*Water for Food Security and Climate Change Challenges*”, Colombo, February 2011**

ICID joined the above workshop on invitation and made two presentations one by VPH Gao Zhanyi and another by Secretary General Gopalakrishnan. These as well as other presentations that dealt with different aspects of the Challenges that Asia faces in addressing Food Security are available in GWP web site of the workshop. The sessions concluded with a message “No more business as usual” in the face of climate change and food security concerns. The full proceedings are now available in (<http://www.gwp.org/Global/About%20GWP/Publications/Colombo%20Synthesis%20Report%20Climate%20Change%20Food%20and%20Water%20Security%20in%20South%20Asia,%20final.pdf>).

Agenda for the Fourteenth Meeting of the
WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)
 Tehran, Iran
 17 October 2011: 13.30-17.00 hours
Strategy Theme: On-Farm

Year of Establishment: 1998

Completion of the Mandate: 2014

Mandate:

- To promote on-farm irrigation as part of integrated water resources management, and
- To promote sustainable efficient approaches for on-farm irrigation.

Members: (1) VPH Felix B. Reinders, Chairman, 2004 (South Africa, 1998); (2) VPH Prof. Peter Kovalenko, Vice Chairman, 2005 (Ukraine, 2001); (3) Dr. A.K. Randev, Secretary (2009) (India 2005); (4) VPH Prof. F. Ligetvari (Hungary, 1998); (5) Dr. Kim Sun-Joo (Korea, 1999); (6) Mr. Yeh Shu-Shr (Chinese Taipei, 1999); (7) Mr. P. Ruelle (France, 1999); (8) Mr. J. Dunn (UK, 2002); (9) Mr. Yan Guanyu (China, 2002); (10) VPH Dr. J.A. Ortiz (Spain, 2003); (11) Mr. Graziano Ghinassi (Italy, 2004); (12) Mr. Hassan Shantia (Iran, 2006); (13) Mr. Mohan Reddy Junna (USA, 2007); (14) Dr. Abraham Mehari Haile (The Netherlands, 2008); (15) Dr. Makoto Yokozawa (Japan, 2009); (16) Prof. Dr. Rai Niaz Ahmed (Pakistan, 2009); (17) Mrs. Mira Edelbeher (Slovenia, 2009); (18) Mr. François Chrétien (Canada, 2010); (19) Mr. Jeremy Cape (Australia, 2010); and (20) Secretary General, ICID.

Permanent observers: (i) Mr. Bruno Molle (ISO); and (ii) FAO Representative

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

Item 1 : Confirmation of the minutes of the 13th meeting of the Working Group

The minutes of the 13th meeting of the Working Group held at Yogyakarta in October 2010 will be confirmed.

Item 2 : Review of membership of the Working Group

2.1 New nomination

The German National Committee (GECID) has nominated Dipl. Ing (FH) Jano Anter (Germany) for the membership of the Working Group. CV of Dipl. Ing. Jano Anter is awaited. The group may like to consider the nomination at Tehran meeting.

Attendance of members at the meetings held in 2009 and 2010 will be tabled at the meeting.

2.2 Election of new Chairman

VPH Felix Reinders has desired to step-down from the chairmanship of the WG due to his new role as Chairman of Permanent Committee for Technical Activities (PCTA). The WG may like to nominate a new successor at the meeting.

A. CONTINUING ITEMS

Item 3 : To review the progress in preparation of documents

3.1 Paper on "Improvement of the On-Farm Irrigation Systems Using Simple Water Control, Measuring and Application Devices"

At Yogyakarta meeting, VPH Felix Reinders, Dr. A. Mehari Haile and Mr. Jeremy Cape had volunteered to prepare a draft paper on "Improvement of the On-Farm Irrigation Systems using Simple Water Control, Measuring and

Application Devices". In March/ July 2011, the Central Office contacted these professionals and requested to prepare a draft paper so that it can be presented at Tehran meeting for discussion. Response is awaited.

Chairman may like to apprise further status on the above at the meeting.

3.2 Paper on "Micro Irrigation for Smallholders and Greenhouses"

At Yogyakarta meeting, Chairman VPH Felix Reinders volunteered to review the final version of the paper "Micro irrigation for smallholders and greenhouses" in consultation with Prof. Y. Nakano (Japan) for its submission to ICID Journal. The Central Office in March 2011 requested VPH Reinders to expedite reviewing the paper so that it can be submitted to ICID Journal well in time. Response is awaited.

Chairman may apprise further status to the members at the meeting.

Item 4 : Liaison with the ISO/TC23/SC18

- **29th meeting of ISO/TC23/SC18, Adelaide, October 2010**

The 29th of ISO/TC23/SC18 was held on 18-23 October 2010 in Adelaide, Australia. Mr. Jeremy Cape (Australia) represented WG-ON-FARM/ ICID at the meeting. In January 2011, the Central Office circulated the summary of actions items emanated during the 29th meeting of TC23/SC18 (including the resolutions 364 and 373 related to ICID), to all members of the Working Group for their perusal.

- **Next (30th) meeting of the ISO/TC23/SC18, Tel-Aviv, November 2011**

The next (30th) meeting of the ISO/TC23/SC18 will be held in the City Hotel in Tel-Aviv, Israel from 14-18 November 2011 succeeding the 62nd IEC and 21st Congress from 15-23 October 2011 at Tehran. In consultation with Chairman VPH Reinders, the Central Office requested Mr. Bruno Molle to represent ICID at the TC23/SC18 meeting in November 2011. Response from Mr. Molle is awaited. Possibility of participation of an Israel National Committee representative may also be explored.

Chairman will provide further updates at the meeting. The Group may like to take a view in bringing out the ISO-ICID document on 'Irrigation Equipments Standards'.

Item 5 : World-wide Usage of Micro and Sprinkler Irrigation

5.1 Datasheet on Sprinkler and Micro Irrigated Areas in ICID Network Countries

At Yogyakarta, the group noted the latest statistical information compiled by the Central Office and requested all National Committees to check for any omissions/ corrections and update their information. As suggested by the group, the Central Office once again circulated the datasheet (in March 2011) to all National Committees and requested to confirm the data and send the updated information. In response, the ICID Central Office has received responses from the National Committees of Czech Rep., Lithuania, South Africa, and Spain.

The updated statistical information compiled by the Central Office pertaining the micro and sprinkler irrigated areas in ICID member countries is shown in **Annex 1**.

All members are requested to go through the data sheet and offer their observations or amendments, if any.

5.2 Survey of 'World-wide Usage of Sprinkler and Micro irrigation'

The WG need to finalize the survey questionnaire as it is pending since long. During the previous meeting it was proposed to include an item on the source of energy and energy consumption levels in the questionnaire and also statistical information on low pressure irrigation. Mr. E. Farahani (Iran) had volunteered to contribute to this item. No feedback has been received from him so far.

In March/ July 2011, the Central Office requested the group members to make a presentation on some interesting topic related to WG activities at the Tehran meeting. Response is awaited.

Item 6 : Website of the Workbody

The WG website <<http://www.wg-on-farm.icidonline.org/>> is fully active. All members are requested to visit the website and provide relevant information viz. books, manuals, technical papers, interesting pictures, new software, useful links etc. to the Chairman/ Central Office for posting on the website.

Item 7 : 8th International Micro Irrigation Congress (8IMIC), Tehran, 2011

The 8th International Micro Irrigation Congress (8IMIC) will be held in Tehran during 19-23 October 2011 along with the 21st International Congress on Irrigation and Drainage. The theme of the 8IMIC is "*Innovation in Technology and Management of Micro-irrigation for crop Production Enhancement*". The call for papers were widely circulated among all National Committees/ Office Bearers and also posted on the website <<http://www.icid2011.org>>.

IRNCID has received 96 papers (comprising 55 oral and 41 poster presentations) for the 8IMIC. All the papers were reviewed by a team of experts. President Prof. Chandra Madramootoo will be the Keynote Speaker at the Opening Ceremony of the 8IMIC. VPH Felix Reinders has kindly agreed to act as the General Reporter for the 8IMIC. All the members are encouraged to attend the IMIC.

IRNCID representative will provide further updates at the meeting.

Item 8 : Work plan of the Group

The work plan of the Working Group for the year 2010 to 2012 is shown as **Annex 2**. The group may like to discuss and decide the work plan up to year 2014.

Item 9 : Upgrading/ modernization of surface irrigation systems

The group at its 13th meeting (Yogyakarta, 2010) noted that Prof. Mohan Reddy Junna (USA) volunteered to prepare a comprehensive book on "Soil and Water Management in Surface Irrigation Systems". During the meeting, the group proposed that one of the chapters of the book could be devoted to modernization aspects. Since Dr. Reddy was not present at the meeting no discussion took place.

The Central Office in March/ July 2011 contacted Prof. Mohan Reddy Junna and requested to form a team amongst the members of the WG in consultation with Chair VPH Reinders. In response, Prof. Mohan Reddy Junna informed the Central Office that in spite of his busy schedule in IWMI he is ready to write the book titled "Modernization of surface irrigation systems". He also informed that he prepared the draft outlines of the proposed chapters and most likely a draft version of the one of the chapters from the book.

Chairman/ Prof. Reddy will apprise further progress in preparation of the document at the meeting.

Item 10 : Nomination of WG for the 3rd Best Performing Workbody Award (BPWA)

As decided at the Yogyakarta meeting, VPH Felix Reinders submitted the nomination of the WG-ON-FARM for the 3rd '*Best Performing Workbody Award*' (BPWA). The Central Office has sent the proposal along with others to an International Panel of Judges, appointed by the President ICID for evaluation.

Chairman will apprise the group further details at the meeting.

Item 11 : Any other business

Irrigation efficiency in the countries having major irrigated area

Central Office has received a draft compilation of the irrigation efficiencies of the major irrigation countries in the world from VPH Gao Zhanyi, CNCID. The objective of the compilation was to compare the range of irrigation efficiencies achieved in major irrigation countries in the world. An irrigation efficiency of a country is a weighted average of efficiencies of surface (gravity), sprinkler and micro irrigated areas. The compilation as received is shown as **Annex 3**. In order to compare the efficiencies the data should belong to more or less same year. Since this is of interest to ICID, the WG may like to discuss and provide its recommendation as how to proceed.

WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)**Sprinkler and micro irrigated area in member countries***(Arranged in descending order of the total sprinkler and micro irrigated area)*

(Data provided by National Committees)

Sl. No.	Country	Total irrigated area (Million hectares)	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	Year of reporting
			Hectares				
1	USA	24.7	12,348,178.14	1,639,676.11	13,987,854.25	56.5	2009
2	India	60.9	3,044,940.00	1,897,280.00	4,942,220.00	8.1	2010
3	China	59.3	2,926,710.00	1,669,270.00	4,595,980.00	7.8	2009
4	Russia	4.5	3,500,000.00	20,000.00	3,520,000.00	78.2	2008
5	Brazil	4.45	2,413,008.00	327,866.00	2,740,874.00	61.6	2006
6	Spain	3.41	732,925.00	1,628,705.00	2,361,630.00	69.3	2010
7	Italy	2.67	981,163.00	570,568.00	1,551,731.00	58.1	2010
8	France	2.9	1,379,800.00	103,300.00	1,483,100.00	51.1	2011
9	South Africa	1.67	920,059.00	365,342.00	1,285,401.00	77.0	2007
10	Saudi Arabia	1.62	716,000.00	198,000.00	914,000.00	56.4	2004
11	Iran	8.7	460,000.00	270,000.00	730,000.00	8.4	2009
12	Australia	2.545	524,480.00	190,720.00	715,200.00	28.1	2000
13	Canada	0.87	683,029.00	6,034.00	689,063.00	79.2	2004
14	Ukraine	2.18	618,000.00	48,000.00	666,000.00	30.6	2010
15	Mexico	6.2	400,000.00	200,000.00	600,000.00	9.7	1999
16	Korea	1.010	200,000.00	400,000.00	600,000.00	59.4	2009
17	Egypt	3.42	450,000.00	104,000.00	554,000.00	16.2	2000
18	Germany	0.54	525,000.00	5,000.00	530,000.00	98.1	2005
19	Japan	2.50	430,000.00	60,000.00	490,000.00	19.6	2010
20	Romania	1.5	448,000.00	4,000.00	452,000.00	30.1	2008
21	Slovak Rep.	0.313	310,000.00	2,650.00	312,650.00	99.9	2000
22	Israel	0.231	60,000.00	170,000.00	230,000.00	99.6	2000
23	Morocco	1.65	189,750.00	8,250.00	198,000.00	12.0	2003
24	Hungary	0.22	185,000.00	7,000.00	192,000.00	87.3	2008
25	Syria	1.28	93,000.00	62,000.00	155,000.00	12.1	2000
26	Turkey	5.34	110,000.00	26,000.00	136,000.00	2.5	2009
27	UK	0.11	105,000.00	6,000.00	111,000.00	100.9	2005

Sl. No.	Country	Total irrigated area (Million hectares)	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	Year of reporting
			Hectares				
28	Finland	0.086	79,000.00	1,000.00	80,000.00	93.0	2009
29	Portugal	0.63	40,000.00	25,000.00	65,000.00	10.3	1999
30	Kazakhstan Rep.	2.13	57,355.00	-	57,355.00	2.7	2006
31	Malawi	0.055	43,193.00	5,450.00	48,643.00	88.4	2000
32	Chile	1.09	16,000.00	23,000.00	39,000.00	3.6	2006
33	Chinese Taipei	0.38	18,850.00	8,750.00	27,600.00	7.3	2009
34	Bulgaria	0.588	21,000.00	3,000.00	24,000.00	4.1	2008
35	Czech Rep.	0.153	11,000.00	5,000.00	16,000.00	10.5	2007
36	Philippines	1.52	7,175.00	6,635.00	13,810.00	0.9	2004
37	Poland	0.1	5,000.00	8,000.00	13,000.00	13.0	2008
38	Slovenia	0.0073	8,072.00	733.00	8,805.00	121.0	2009
39	Malaysia	0.38	2,000.00	5,000.00	7,000.00	1.8	2009
40	Macedonia	0.055	5,000.00	1,000.00	6,000.00	10.9	2008
41	Lithuania	0.0044	4,463.00	-	4,463.00	101.4	2010
42	Estonia	0.001	500.00	500.00	1,000.00	100.0	2010
	Total	211.8918	35,072,650.1	10,082,729.1	45,155,379.3	21.3	

WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)**WORK PLAN**

2010	2011	2012
<ul style="list-style-type: none"> Publish paper on "Micro irrigation for smallholders and greenhouses" 	<ul style="list-style-type: none"> 8th International Micro irrigation Congress (IMIC) in Tehran, Iran. 	<ul style="list-style-type: none"> Continue updating datasheet on "Sprinkler and micro irrigated areas in ICID member countries"
<ul style="list-style-type: none"> Finalize the revised questionnaire on "Survey of world-wide usage of sprinkler and micro irrigation" and circulate to NCs 	<ul style="list-style-type: none"> Continue updating datasheet on "Sprinkler and micro irrigated areas in ICID member countries" 	
<ul style="list-style-type: none"> Update datasheet on "Sprinkler and micro irrigated areas in ICID member countries" 	<ul style="list-style-type: none"> Publish Manual "Performance evaluation of sprinkler and drip irrigation systems" in the Persian language by the IRNCID 	
<ul style="list-style-type: none"> Prepare paper on "Field Water Management and Soil water Conservation under Spate Irrigation" 		

WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)**Irrigated area and irrigation efficiency**

Countries	Irrigated area (Mha)	Sprinkler Irrigation area	Micro irrigation area	Sprinkler and micro irrigation area	Ratio of Sprinkler and micro irrigation (%)	Surface irrigation area (Mha)	Ration of surface irrigation (%)	Sprinkler irrigation efficiency (%)	Micro irrigation efficiency (%)	Surface irrigation efficiency (%)	Average irrigation efficiency (%)	Year of reporting
		ha										
India	57.000	1,634,997	589,251	2,224,248	3.90	54.776	96.10	73.00	82.00	39.00	40.42	2008
China	58.472	2,821,180	1,249,620	4,070,800	6.96	54.401	93.04	73.00	83.00	45.40	47.54	2008
USA	23.007	12,496,000	1,520,000	14,016,000	60.92	8.991	39.08	74.00	90.00	67.00	72.32	2008
Iran	8.050	199,075	53,717	252,792	3.14	7.797	96.86	75.00	85.00	50.00	50.85	2000
Mexico	6.200	400000	200000	600,000	9.68	5.600	90.32	75.00	85.00	40.00	43.71	1999
Russia	4.450	3560000	200000	3,760,000	84.49	0.690	15.51	75.00	85.00	50.00	71.57	
Turkey	4.300	115,000	8,000	123,000	2.86	4.177	97.14	75.00	85.00	50.00	50.73	2002
Egypt	3.300	450,000	104,000	554,000	16.79	2.746	83.21	75.00	85.00	45.00	50.35	
Spain	3.315	905,319	913,946	1,819,265	54.87	1.496	45.13	75.00	85.00	60.00	70.99	1999
Italy	2.535	1,047,680	366,019	1,413,699	55.77	1.121	44.23	75.00	85.00	60.00	69.81	2002
Japan	2.570	243,000	55,000	298,000	11.60	2.272	88.40	75.00	85.00	60.00	61.95	
Australia	2.384	524,480	190,720	715,200	30.00	1.669	70.00	75.00	85.00	60.00	65.30	2000
France	1.575	1,379,800	103,300	1,483,100	94.17	0.092	5.83	75.00	85.00	65.00	75.07	2000
South Africa	1.300	255,000	220,000	475,000	36.54	0.825	63.46	75.00	85.00	60.00	67.17	2000
Canada	0.870	683,029	6,034	689,063	79.20	0.181	20.80	75.00	85.00	65.00	72.99	
Germany	0.532	525,000	5,000	530,000	99.62	0.002	0.38	75.00	85.00	65.00	75.06	2002
Israel	0.231	60,000	170,000	230,000	99.57	0.001	0.43	75.00	90.00	65.00	86.00	2008
UK	0.150	140,000	10,000	150,000	100.00	0.000	0.00	75.00	85.00	65.00	75.67	2001

Agenda for the Twenty-Sixth Meeting of the
WORKING GROUP ON COMPREHENSIVE APPROACHES TO FLOOD MANAGEMENT (WG-CAFM)
 Tehran, Iran
 18 October 2011: 09:00-12:30 hours
Strategy Theme: Basin

Year of Establishment: 1999

Completion of the Mandate: 2009

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.

Members: (1) Dr. Kamran Emami, Chairman, 2010 (Iran, 1999); (2) Dr. Takao Masumoto, Secretary (Japan, 2009); (3) Dr. Lajos Szlavik (Hungary, 1996); (4) Prof. M.F. Viljoen (South Africa, 1997); (5) Dr. Jin Soo Kim (Korea, 2000); (6) Prof. Josip Petras (Croatia, 2002); (7) Mr. Ahmet Seren (Turkey, 2006); (8) Prof. dr. Franc Steinman (Slovenia, 2006); (9) Mr. Maurice Roos (USA, 2006); (10) Ir. Jos van Alphen (The Netherlands, 2007); (11) Dr. Jianming Ma (China, 2008); (12) Mr. G.S. Purba (India, 2009); and (13) Secretary General, ICID.

Permanent Observers: (i) FAO representative; (ii) UNDR0 representative; (iii) WMO representative; and (iv) World Bank representative.

Website: <<http://www.wg-cafm.icidonline.org>>

Item 1 : Confirmation of the minutes of the 25th meeting of the Working Group

The minutes of the 25th meeting of the Working Group held on 12 October 2010 at Yogyakarta, Indonesia will be confirmed.

Item 2 : Review of the Membership of the Working Group

The Finnish National Committee on Irrigation and Drainage (FINCID) has nominated (28 June 2011) Mr. Olli-Matti Verta (Finland) for the membership of the WG-CAFM. CV of Mr. Verta will be made available during the meeting for consideration.

It is observed that members from Canada, China, Croatia, Czech Republic, Hungary, Indonesia, South Africa, Slovenia and The Netherlands have not been contributing to the activities of the WG for past years. In view of above, the Central Office requested (19 April 2011) these National Committees to either confirm the participation of their existing nominees or send a fresh nomination.

In response, SANCID has confirmed (19 April 2011) to remove Mr. M. Quazi from the WG membership. SANCID has confirmed (11 May 2011) to remove Prof. Viljoen as he has retired. They however have not sent substitute nominations. Responses from others are awaited.

At Yogyakarta (2010) meeting, nominations of Mr. Zazar Aslam (Pakistan) and Prof. Dr.-Ing. Klaus Röttcher (Germany) were deferred as they were neither present nor represented at the meeting. The Central Office is in contact (19 April 2011) with PANCID and GECID to confirm the above nominations or send fresh nominations.

In response, the Pakistan National Committee on Irrigation and Drainage (PANCID) has nominated (25 May 2011) Mr. Asjad Imtiaz Ali (Pakistan) in place of Mr. Zazar Aslam for the membership of the WG-CAFM. CV of Mr. Imtiaz will be made available during the meeting for consideration. GECID has confirmed (20 April 2011) their interest in nominating Prof. Dr.-Ing. Klaus Röttcher (Germany) for the membership of WG-CAFM. Prof. Röttcher's nomination may be reconsidered during the Tehran meeting. CV of Prof. Dr.-Ing. Klaus Röttcher will be made available during the meeting of WG for consideration.

Attendance of members at meetings in 2009 and 2010 will be presented during the meeting. It may be noted that representation of a member in the Working Group meeting by any other representative of the concerned National Committee is not deemed to be a contribution by a member. Refer to Annex 1 of PCSO Agenda (page A-__) and ICID by-law 3.1.7 which stipulates that members not contributing to the activities by attendance or correspondence for two consecutive years shall be replaced in consultation with their National Committees.

2.1 Election of new Vice-Chairman of the WG

Dr. Karmran Emami (Iran) has been the Vice Chairman of the WG-CAFM since 2009. With his assumption as Chairman of the WG, a new Vice Chairman has to be elected.

Item 3 : Tenure and mandate of WG

The issue of tenure and the new mandate were discussed under Item 3 of the minutes of the Yogyakarta (2010) meeting. It was conveyed that the new emerging issues like climate change, sea level rises, flash floods, adaptation strategy of people living in flood prone areas etc. may be included in the new mandate. Members of the WG commented that adaptive flood management strategies will be needed, in particular for people living in flood prone areas. The ICID Central Office contacted (19 April 2011) Dr. Kamran Emami (Iran), Chairman and Dr. T. Masumoto (Japan), Secretary of the WG-CAFM on the subject. The chairman has prepared a proposal for writing a book on "Adaptive Flood Management" in the framework of the new mandate. The proposal would be circulated among the working group members before the Tehran meeting.

The new mandate will be evolved during the Tehran meeting for onward submission to PCTA/IEC.

The Chairman may apprise the WG.

Item 4 : Presentations on Floods (Country Case Studies)

It is customary in the WG to make a 'Presentation on Floods' (Country case studies) by a professional from the host national committee i.e. IRNCID. Central Office has invited (19 April 2011) the Iranian National Committee of ICID (IRNCID) to nominate a professional for this country presentation. The chairman is planning for two presentations on floods in Iran and on new Iranian criteria for selection design floods.

Item 5 : New Working Group on "Value Engineering"

The launching of a new Working Group on 'Value Engineering' was supported by WG-CAFM in principle during the Yogyakarta (2010) meeting and was referred to PCTA / IEC for consideration. The recommendation was that a workshop on '*Value Engineering: its applications in Irrigation and Drainage*' be organized for arriving at a appropriate decision. The Central Office requested (19 April 2011) Dr. Kamran Emami (Iran), Chairman of the WG to help organize this workshop during Tehran (2011) meetings and send a brief announcement (*scope, themes, sub-themes, deadlines etc*) for its circulation and inviting contributions from members. It was also requested to prepare a new booklet on "*Application of Value Engineering in Irrigation and Drainage Projects*" for circulation among the National Committees. Response is awaited.

The Chairman may apprise the WG.

Item 6 : New Structured Work plan

Central Office requested (19 April 2011) Dr. K. Emami, Chairman of the WG-CAFM to provide a new mandate (draft) and a new structured work plan for the activities of the WG and assigning responsibilities. Response is awaited.

This topic was discussed (2010), but it has not resulted into a coherent mandate or a work plan. It was decided to place the draft mandate and work plan before the members for consideration during the Tehran meeting.

The Chairman may apprise the WG.

Item 7 : Any Other Business

- **2nd Istanbul International Water Forum**

The 2nd Istanbul International Water Forum was held on 3-5 May 2011 at the Halic Congress and Cultural Centre in Sutluce, Istanbul. Topics discussed were Water-related problems in the Middle East and North Africa, Central Asia, Eastern Europe and Turkey. This meeting was a good opportunity to revisit the Istanbul Water consensus and Istanbul Water Guide. For outcome and more information, please access their website at <<http://www.iusf.org.tr/index.php/EN/home>>

- **International Workshop on Floods in Pakistan - 2010**

Pakistan National Committee of ICID (PANCID) / Federal Flood Commission of Pakistan and ICID successfully organized an International Workshop on "*Floods in Pakistan in 2010 - Lessons Learnt & Way Forward*" on 12 March 2011 at the auditorium of Pakistan Engineering Congress, Lahore, Pakistan. This workshop was organized under the leadership of Vice President Engr. Husnain Ahmed, President of the Pakistan Engineering Congress in cooperation with Dr. Kamran Emami (Iran) Chairman of WG-CAFM.

The event was presided over by Chief Guest, H.E. Syed Naveed Qamar, Hon'ble Federal Minister of Water a Power and graced by Mr. Asjad Imtiaz Ali, Chief Engineering Advisor / Chairman, Federal Flood Commission / Chairman, PANCID and Deputy Chairman, National Disaster Management Authority (NDMA). The workshop was well attended by experts from ICID and delegates from organizations like WWF and others. ,

The aim of the workshop was to probe, analyze the phenomena of floods in the national and international perspective and to formulate a strategy to fight out the disastrous socio-economic fall-out. There were 15 presentations made by foreign and local delegates and later the workshop made recommendations to Federal Government for improving flood management in Pakistan. Central Office circulated (02 May 2011) a report on the International Workshop on Floods in Pakistan to the members of WG-CAFM for their information and use. The chairman would present a summary of the workshop and the representative from Pakistan would be requested to update the Working Group on latest development in adopting the flood management strategies in the country in the aftermath of the 2010 flood.

Agenda for the Fifth Meeting of the
WORKING GROUP ON MODERNIZATION OF IRRIGATION SERVICES (WG-MIS)
 Tehran, Iran
 18 October 2011: 09.00-12.30 hours
Strategy Theme: Systems

Year of Establishment: 2007

Completion of the Mandate: 2012

Mandate: To provide a continuing focus in ICID for sustainable improvement of irrigation service delivery through progressive modernization of infrastructure, management and institution.

Members: (1) Dr. Maurits Ertsen, Chairman, 2007 (The Netherlands, 2007); (2) Mr. François Brelle, Vice Chairman (France, 2007); (3) Mr. Ian Moorhouse, Secretary (Australia, 2010); (4) Mr. Lee, Tsong-Hwei (Chinese Taipei, 2007); (5) Mr. Thomas E. Mitchel (USA, 2007); (6) Dr. Jiasheng Huang (China, 2007); (7) Dr. M.K. Siah (Iran, 2007); (8) Mr. Ian William Makin (UK, 2008); (9) Mr. Sezar Ercan (Turkey, 2008); (10) Dr. Ashwani Kumar (India, 2008); (11) Ms. Marina Pintar (Slovenia, 2008); (12) Prof. Filali B. Abdelwahab (Morocco, 2008); (13) Dr. Masayoshi Satoh (Japan, 2008); (14) Dr. Lee, Yong-Jig (Korea, 2008); (15) Dr. José M. García-Asensio (Spain, 2008); (16) Mr. Andre Roux (South Africa, 2008); (17) Engr. Syed Mansoob Ali Zaidi (Pakistan, 2009); and (18) Secretary General, ICID

Permanent Observers: (i) FAO Representative; (ii) IPTRID Representative; (iii) PH Peter S. Lee (UK); and (iv) Mr. H. Plusquellec (USA/France).

Website: <<http://www.wg-mis.icidonline.org>>

In August 2011, Chairman Dr. Maurits W. Ertsen informed the Central Office that he will not be able to attend the Tehran meeting due to work load in the University (teaching in coming semester).

Item 1 : Confirmation of the minutes of the 4th meeting of the Working Group

The minutes of the 4th meeting of the Working Group held at Yogyakarta in October 2010 will be confirmed.

Item 2 : Membership of the Group

The Iranian National Committee (IRNCID) has nominated Mr. Mehrzad Ehsani in place of Dr. M.K. Siah for the membership of the Working Group. CV of Mr. Ehsani will be tabled at the meeting.

Attendance of members at the meetings held in 2009 and 2010 will be circulated at the meeting.

Item 3 : Website of the Group

The Chairman requested all members to send the reports/ documents on modernization of irrigation services so that the same could be uploaded on the WG website <<http://www.misicid.citg.tudelft.nl>>. He also requested members to check the website and provide comments/ observations so as to further improve it. Members are encouraged to view the website and provide relevant documents/ news/ pictures for posting on the group's website.

Item 4 : Internal Workshop of the WG

During Yogyakarta meeting, the following presentations were made at the meeting:

- 'Application of the Mascotte approach in Modernization of irrigation systems – A case study of the Tanjung Karang rice irrigation scheme in Malaysia', by Mohd Yazid Abdullah
- 'Modernization of Irrigation Systems in Japan', by Dr Masayoshi SATOH

- 'Modernization strategy for irrigation management and a case study of the use of MASCOTTE in the Taoyuan irrigation system in Taiwan', by Wen-Pen SHU, and
- 'Modernization of an irrigation business in Australia', by Ian Moorhouse

All the above presentations were posted on the WG website <<http://www.wg-mis.icidonline.org/>> for wider dissemination.

Members interested to make presentation are asked to contact the Chairman well in advance of the meeting.

Item 5 : Work Plan of the Group for the period 2010-2012

At its Lahore meeting (2008), the following work plan for the period 2009-2012 was defined as follows.

- The WG, in close cooperation with the FAO and associated partners, will apply the MASSCOTE approach to irrigation schemes selected by its members, so as to develop an appropriate comparative platform for further discussion.
- The WG, in close cooperation with universities and other institutions and initiatives, including potential new workbodies of ICID will study the various technological, legal and organizational aspects and options for improved irrigation service delivery.
- Modernization is not a new concept and has been contested often in the past. The WG, in cooperation with the WG-HIST will study the historical aspects of modernization, as appropriate.
- The WG, in cooperation with WG-YPF will endeavor to explore the training and capacity building needs in modernization.

At the Yogyakarta meeting, the group considered the above work plan and proposed to adhere it. The presentations made at the Yogyakarta meeting have covered the tasks no1 and no. 2. It was noticed that there was no report on capacity building and members proposed to discuss it at Tehran meeting.

• Special publication/ Workshop, June 2012, Adelaide

The Chairman had sought proposals from members to report the final outcomes of the Working Group and also raised the idea of producing a special technical publication on modernization of irrigation services. The document could then be presented in Marseille (France) or Adelaide (Australia) in 2012 at the completion of the tenure of the Working Group. It was agreed that the Chairman would follow up with individual members to plan and decide the further line of action. In this regard, the Central Office has contacted the Chair Dr. Maurits Ertzen in March 2011 and brought to his attention about the special publication.

Dr. Ertzen has informed the Central Office that during the meeting with Vice Chair Francois Brelle in Paris (in March 2011) he discussed about the contents of the final product/ report of the group. Due to shortage of time and involvement of selection of paper for the Special Session, it was proposed to link the outcome of the Special Session with the discussion of the WWF6 (through PH Bart Schultz/ Pasquale Steduto). Vice Chair Francois will liaise with PH Dr. Schultz on this issue.

Dr. Ertzen also informed that for bringing out a special issue of the ICID Journal, funding is the major constraint as it required €15000. Dr. Ertzen is planning to have a one-day workshop/ session on MIS in Adelaide in June 2012. The Australian National Committee has also noted the group's request of holding a special one-day workshop in 2012.

The Chair / Vice Chair / Australian representative will apprise further progress during the meeting.

Item 6 : Special Session on 'Modernization of Water Management Schemes', October 2011, Tehran

• IAL Special Session, Tehran, October 2011

The IAL/ Australian National Committee (ICID-NCA) is organizing a Special Session on "Australian Showcase: Modernization and Water Management Schemes" during the Tehran Congress. The showcase will provide participants an understanding of how Australia is adapting to unprecedented climate variation experienced in recent times. The showcase will be structured to provide a national overview, then focus down to the state, regional and farm scales. The showcase has been divided into following four themes –

- Setting the scene
 - Managing water into the future – a policy perspective
-

- Modernization – The why, what, where and how
- Implementing modernization

Papers and presentations have been invited on the above themes.

- **FAO Workshop/ Special Session, Tehran, October 2011**

A 'FAO-ICID-IRNCID Workshop on Irrigation Modernization' will be held on 20 October 2011 at Tehran. The proposed sub-topics of the workshop are- (i) Methodologies and tools for auditing of existing irrigation services and modernization; (ii) Multiple uses of water; (iii) Investments in Irrigation Modernization; and (iv) Institutions

Each sub-session will be about 75 minutes with 15 minutes keynote presentation and one hour for panel discussions and questions and answers. Most of the presentation and papers will be made by FAO and partners.

Efforts were made to get contribution about Vietnamese experiences concerning modernization of irrigation schemes. All members are encouraged to participate in the Special Session.

Ms. Robina Wahaj, Irrigation Officer, Land and Water Division, FAO representative/ Chair will apprise further details/ program at the meeting.

Item 7 : Any other business

Several important international meetings of interest to WG-MIS took place during 2010-11 and a brief on them is as beneath:

(i) GWP-IWMI South Asia Workshop, February 2011

A GWP-IWMI workshop was held in Colombo on 24-25 February 2011 when an invitation was extended to ICID for participation. The outcome of the workshop focused on, amongst other things 'Modernization of Irrigation Schemes'. Secretary General Gopalakrishnan joined the meeting on behalf of ICID. The outcome of the workshop is available as a synthesis at [http://www.gwp.org/Global/About%20GWP/Publications/Colombo %20Synthesis% 20Report% 20Climate %20Change%20Food%20and%20Water%20Security%20in%20South%20Asia,%20final.pdf](http://www.gwp.org/Global/About%20GWP/Publications/Colombo%20Synthesis%20Report%20Climate%20Change%20Food%20and%20Water%20Security%20in%20South%20Asia,%20final.pdf).

(ii) International conference 12-13 May 2011, Tashkent, Republic of Uzbekistan "Towards the 6th World Water Forum – cooperative actions for water security

A GWP-WWC supported conference on the above topic took place in May 2011 with ICID partnering in presenting papers through its Uzbek National Committee and others in Central Asian Region. Secretary General ICID represented President who was an invitee. Several action oriented recommendations towards fulfillment of targets identifying possible solutions especially suiting the Central Asian Region were discussed. This, amongst other things included, increasing the efficiency of organizations providing agricultural services. Through cooperation among Water User Associations (WUA), farms, research and innovation organizations in order to demonstrate and disseminate best practices aimed at achieving productivity increase. The recommendations were aimed to provide feedback to thematic and regional inputs to the forum. The outcome is available at <http://www.gwp.org/gwp-in-action/Central-Asia-and-Caucasus/News-and-Activities-GWP-Central-Asia-and-Caucasus/GWP-Contributes-to-Water-Cooperation-in-Central-Asia/>.

(iii) Workshop on Scoping study for exploring Public Private Partnership (PPP) in irrigation & drainage sector in India, 31 May 2011 at New Delhi

A Workshop on Scoping study for exploring PPP in irrigation & drainage sector in India was held on 31 May 2011 at New Delhi, India. The workshop was hosted and organized by the Country Office of the Asian Development Bank. Dr. S.A. Kulkarni, Executive Secretary, Central Office participated in the workshop. Eminent experts from various fields/ departments including ADB staff participated in the workshop. A report as received from the ADB as an outcome of the workshop has been posted on the WG website.

Agenda for the Sixteenth Meeting of the
WORKING GROUP ON USE OF POOR QUALITY WATER FOR IRRIGATION (WG-PQW)
 Tehran, Iran
 18 October 2011: 09.00-12.30 hours
Strategy Theme: On-Farm

Year of Establishment: 1995

Completion of the Mandate: 2013

Mandate: To promote a safe and good management of poor quality water for irrigation, to minimize the negative impact on human health and the environment, to promote the multiple use of poor quality water, and to give consideration to the institutional and legislation aspects with regard to the use of poor quality waters.

Members: (1) VP Dr. Ragab Ragab, Chairman (UK, 1997); (2) Dr. Frans Huibers, Secretary (Netherlands, 1999); (3) VPH Dr. Karim Shiati (Iran, 1997); (4) Dr. Jan Salek (Czech Rep., 1998); (5) Dr. N.K. Tyagi (India, 1998); (6) Mr. Jose Manuel Arango Maldonado (Mexico, 1998); (7) Dr. Wen-Lin Chang (Chinese Taipei, 1998); (8) VPH Dr. Gao Zhanyi (China, 1998); (9) VP Dr. Samia El- Guindy (Egypt, 1999); (10) Dr. Ramzan Choudhry (Pakistan, 2000); (11) Mr. Martin Roche (USA, 2002); (12) Ms. Esther O. Ogunniyi (Nigeria, 2002); (13) Mr. Ghannami Mohamed (Morocco, 2003); (14) Mr. Bernard Vincent (France, 2003); (15) Dr. Jorge Tarchitsky (Israel, 2004); (16) Dr. Makoto Yokozawa (Japan, 2009); (17) Dr. Leon van Rensburg (South Africa, 2010); and (18) Secretary General, ICID.

Permanent observer: (i) FAO Representative; and (ii) ICBA Representative (UAE).

Website: <<http://www.wg-pqw.icidonline.org>>

Item 1 : Confirmation of the minutes of the 15th meeting of the Working Group

The minutes of the 15th meeting of the Working Group held at Yogyakarta on 13 October 2010 will be confirmed.

Item 2 : Review of the membership of the Working Group

2.1 New nominations

The Indian National Committee (INCID) has nominated Dr. D.K. Sharma in place of Dr. N.K. Tyagi for the membership of the group. CV of Dr. Sharma will be made available during the meeting. Similarly, the Italian National Committee (ITAL-ICID) has nominated Dott. Anna Tedeschi for the membership of the group. CV of Dott. Anna Tedeschi will be tabled at the meeting. The group may like to consider/ approve these nominations.

2.2 Past nominations

At the Yogyakarta meeting, the following nominations were deferred due to their non-attendance:

- Dr. Tapas Kumar Biswas (Australia)
- Dr. Jinzhong Yang to replace Dr. Gao Zhanyi (China)
- Mr. Bekbayev Ussen (Kazakhstan)
- Mr. M. Sidhu to replace Mr. Maghmoom Muhammad Iqbal/ Dr. Ramzan Choudhry (Pakistan)

In consultation with the Chair, the Central Office had informed (7 March 2011) the WG's decision to the respective National Committees (copied to the nominees) to advise their nominees to attend the 16th meeting of the WG at Tehran for consideration of their membership. Responses are awaited. CVs of the above nominees will be tabled at the meeting.

Attendance of members at the meetings held in 2009 and 2010 will be circulated at the meeting.

A. CONTINUING ITEMS

Item 3 : Cooperation with other Workbodies and International Organizations

3.1 Cooperation with ICID workbodies

Chairman VP Dr. Ragab is also a member of the WG-DROUGHT and regularly participates in the WG-CLIMATE meetings. He had contributed a chapter in a book compiled by the WG-DROUGHT. VP Dr. Ragab may like to inform about any other liaising/ active participation in other ICID workbodies.

3.2 Cooperation with International Organizations

The WG has been liaising with many international organizations on topics of common interest. Chairman may like to apprise about such cooperative activities carried out since the Yogyakarta meeting.

Item 4 : Work Plan of the Group

At Yogyakarta meeting, the Working Group agreed to focus on the following activities:

- Workshop during 63rd IEC meeting in 2012 in Australia
- Presentations at the WG meeting in 2011 in Tehran, Iran
- Continue various ongoing activities

The group may like to discuss and decide the work plan/ activities of the group until 2013.

Item 5 : Presentations by members

At the Yogyakarta meeting, the following presentations were proposed during the Tehran meeting:

- "Use of brackish water for agriculture" – Dr. Gao Zhanyi (China)
- "Management for water quality improvement" – Dr. Bernard Vincent (France)
- "Use of saline water for irrigation" – Dr. Leon van Rensburg (South Africa)

The Central Office has contacted the above professionals and requested their confirmation for making presentation. In response, VPH Dr. Gao Zhanyi has agreed to make a presentation. Similarly, the Central Office has requested all members of the group to make a presentation on their topic of interest related to the activities of the group. Responses are awaited.

Item 6 : Website of the working group

During the Yogyakarta meeting, members were encouraged to add and benefit from the WG website <<http://www.wg-pqw.icidonline.org/>> which is fully functional. A power point presentation prepared by Dr. Huibers for the UN-Water Dialogue meeting held at Stockholm in September 2010 has been uploaded at WG website.

Central Office has requested all members to visit the website and provide additional information viz. books, manuals, technical papers, proceedings of the national workshops, interesting pictures, new software, useful links etc. to the Chair/ Central Office for posting on the website.

Item 7 : Workshop of the working group

The Working Group had proposed to organize a Special Session on "*Water Quality and Irrigation*" on the sidelines of the 21st ICID Congress/ 62nd IEC meeting in Tehran. However, it was agreed that the relevant papers may be submitted under Congress Question 56.3 "*Productivity of Low Quality Waters for Irrigation Uses*".

The WG has also proposed to request the Australian National Committee (ICID NCA) to allocate a slot in the program of the 63rd IEC to be held in June 2012 in Adelaide, Australia.

Chairman will apprise the members about further progress at the meeting.

Item 8 : Nomination of the Group for the Best Performing Workbody Award

At Yogyakarta meeting, the group suggested to explore the possibility of submitting its candidature for the Best Performing Workbody Award (BPWA) to be presented on the occasion of Tehran Congress in October 2011. The Central Office however did not receive such a proposal from the Chairman.

Dr. Ragab, Chairman may like to apprise the group.

B. NEW ITEM

Item 9 : Impact of agrochemicals on irrigation water quality

At Yogyakarta meeting, VP Dr. Samia El-Guindy (Egypt) suggested the group to add a new item "Impact of Agrochemicals on irrigation water quality" in the agenda of the Tehran meeting.

VP Dr. El-Guindy/ Chairman will apprise further progress on the above at the meeting.

Item 10 : Any other business

• **New publication with contribution of MXCID**

Dr. Jaime Collado, Vice President, Water Governance (Mexico) participated in the Stockholm event in September 2010 on behalf of Mexican National Committee (MXCID) wherein the FAO Water Report 35 "The wealth of waste: The economics of wastewater use in agriculture" was released by FAO. Dr. Collado is one of the contributors of the document.

In November 2010, the Central Office has disseminated the Report to all ICID National Committees and members of the WG. All those professionals who are interested to get the reports may please access the website <<http://www.fao.org/docrep/012/i1629e/i1629e.pdf>> .

• **SALTMED 2011**

VP Dr. Ragab made a presentation in the Green Week held in Brussels on 25 May 2011. He has forwarded the SALTMED 2011 (v.3.02.30) link and his presentation's link to all for download.

• **Gerald Lacey Memorial Lecture, July 2011**

In July 2011, VP Dr. Ragab has informed the Central Office that the Gerald Lacey Memorial lecture on "Water Security – A Global Challenge" delivered by Prof. David Grey on 25 July 2011 at ICE London is available at the following link together with his introduction to the lecture <<http://www.ice.org.uk/Information-resources/Document-Library/Water-Security-A-Global-Challenge>>.

Agenda for the Second Meeting of the
TASK FORCE TO GUIDE ICID INPUTS TO WORLD WATER FORUM 6 (TF-WWF6)
 Tehran, Iran
 18 October 2011: 09:00-12.30 hours

Year of Establishment: 2009

Terms of Reference:

1. To liaise with 6th WWF Program Committee and other International Bodies, especially FAO;
2. To provide overarching lead role on behalf of ICID for inputs to 6th WWF by liaising with:
 - (i) National Committees for inputs to the themes and sub-themes of the 6th WWF, of direct relevance to ICID
 - (ii) Workbodies on specific subjects related with 6th WWF
3. To liaise with French National Committee (AFEID) for preparatory work of 6th WWF and
4. To recommend ICID inputs for 6th WWF for consideration in 62nd IEC

Members: (1) PH Prof. dr. Bart Schultz (The Netherlands), President Hon., ICID, Chair (2) Mr. François Brelle (France), Vice Chair; (3) PH Aly M. Shady (Canada), President Hon., ICID, (4) VPH Dr. Mark Svendsen (USA), Chairman, Working Group on Global Climate Change and Agricultural Water Management; (5) VP Dr. Willem F. Vlotman (Australia), Chairman, Working Group on Drainage, (6) VPH Felix Reinders (South Africa), Chairman, Working Group on On-farm Irrigation Systems, (7) VPH Dr. Saeed Nairizi, Vice President Hon., ICID, (8) Secretary General, ICID, (9) Dr. S.A. Kulkarni, ICID.

Permanent Observers: (i) Prof. dr. Chandra Madramootoo (Canada), President ICID; (ii) VPH Dr. A. Hafied A. Gany (Indonesia), Chairman, PCSPOA; (iii) VPH Prof. Hector Malano (Australia), Chairman, PCTA; (iv) Dr. Pasquale Steduto, FAO Representative; (v) VPH Dr. Alain Vidal, CGIAR-IWMI Representative; and (vi) VPH Dr. Safwat Abdel Dayem, Arab Water Council Representative.

Item 1 : Confirmation of minutes of the 1st meeting of TF-WWF6 held in Yogyakarta Indonesia

The minutes of the 1st meeting of the Task Force were circulated amongst the members and were approved by the Chairman. Members may like to suggest amendments/ corrections, if any so as to confirm the minutes.

Item 2 : Membership of the Task Force

Central Office vide letters dated 10 March/ 31 March 2011 invited nominations from Chairs of all the Workbodies, who are yet to become members of the Task Force. In response the nomination of VPH Dr. Saeed Nairizi (Iran) was received and was approved by the Chairman PH Dr. Schultz for inclusion in the membership.

Item 3 : Activities of the TF/WWF6 after the Yogyakarta Meeting, October 2010

Annex 1 shows the activities of the TF as well as of the 6th World Water Forum relevant to the TF. The Annex will be updated until September 2011 and will be made available at the meeting.

Item 4 : Nucleus Core Groups

The 2nd Stakeholder Consultation Meeting was held on 17 -18 January 2011 in Paris where the Core Groups were formed on each one of the 12 key priority issues. WWF6 invited ICID to be one of the members of the Nucleus Core Group (NCG) on Key priority 2.2 on "*Contribute to food security by optimal use of Water*". ICID nominated PH Dr. Bart Schultz. He was accepted as co-coordinator by the Thematic Process Commission / 6th Forum Secretariat.

The composition of the NCG is – Dr. Pasquale Steduto (FAO) – Coordinator; Prof. dr. Bart Schultz (ICID) - Co-coordinator; Mr. Suba Rao (Indian Farmers Associations); Saba Loftus (International Youth Council); Mr. Guillaume Benoît (French Ministry of Agriculture); Representative of Syngenta Foundation for Sustainable Agriculture, and Mr. Kevin Parris (OECD).

On behalf of AFEID Francois Brelle was accepted as co-coordinator of the Nucleus Core Group on Key priority 2.1: Balance Multiple Uses through IWRM.

Item 5 : Targets for key Priority 2.2

Within Key priority 2.2. nine Targets have been formulated and for each Target a Target and Solutions Group has been created. A statement showing the Targets, Target Solution Groups (TSG) Coordinator & Alternate, and Contributors is shown as **Annex 2**.

As far as ICID is concerned Mr. Jacques Plantey and PH Prof. Bart Schultz became the Coordinators of Target III on *“Increase sustainable productivity and lower costs of water management (yield per ha, per m³ of water and per unit production cost) in such a way that by year 2025 there is food security at affordable prices for all”*. Pres. Chandra Madramootoo became jointly with the Pres. of ICOLD coordinator of Target V on: *“By year 20yy increase by xx% the capacity of water storages in support of irrigated agriculture (either supplementary, deficit, or full irrigation) - within the framework of an environmentally sufficient and socially sound management”*.

On behalf of the Arab Water Council, VPH Dr. Safwat Abdel Dayem was accepted as the Coordinator of Target VI on *“By 20yy, develop and adopt two “regional” (e.g. West Africa; Europe / Euro-Med) visions for food security and water, and 200 local sustainable agriculture plans”*.

Each Target Group as well as the Core Group are expected to prepare three documents, being: 500 words summary, a Target Action Plan and a Target and Solutions Group Report. At the occasion of the Tehran Congress the summaries will be available as well most of the Action Plans. The Targets and Solutions Group reports are expected to be ready by the end of the year. During the Forum the sessions will be organised based on the Targets. Available (draft) documents are posted on the ICID web site.

ICID members interested in contributing to the Core Group, or the Target Groups can contact Central Office or PH Dr. Bart Schultz.

Item 6 : Interim meeting of the Task Force at Orleans, France, March 2011

An interim meeting of the Task Force was also held on 14 March 2011 on the sidelines of the 24th European Regional Conference. It was chaired by President Prof. Chandra Madramootoo. A group of AFEID members willing to contribute to Target and Solution Groups attended the meeting and discussed the outcome of the stakeholders meeting and future course of action. Mr. M. Guillaume Benoit of the Ministry of Agriculture of France was very pleased to see ICID and AFEID taking on such a large role on the subject of water for food security.

President Chandra Madramootoo highlighted the importance of the following issues:

- Small farmer agriculture raises a huge socio-economic concern: how is it possible to develop a system for rural development, including transformation, trade, distributions, which could really involve the small farmers in the strategy for development ?
- How to secure access to water and to every inputs?
- How to take the climate change in account?
- How to evaluate the role of women?
- How to manage the competing uses of water and land, without putting every time agriculture as the “tail ender”

President Dr. Chandra Madramootoo concluded the meeting by calling every ICID National Committee to contribute to these questions.

Item 7 : Proposed activities up to WWF6

A half-day Session on Water for Food Security with a focus on WWF6 will be held succeeding to the TF meeting (on 18 October 2011 from 13.30 – 17.00 hours) where the proposed activities up to WWF6 will be discussed.

Mr. Francois Brelle, AFEID has expressed his interest to make a presentation on 'Irrigation' with an aim to demonstrate the complementary between two organizations, i.e. société d'aménagement regional-SAR, and Conventional irrigation structures (Water User Associations).

WG Climate has also envisaged its contribution to TF-WWF6 work plan.

VPH Dr. Karim Shiati, Chairman of the Asian Regional Working Group (ASRWG) has suggested ICID's greater participation in the 'Regional Processes' and Thematic Priority of response to climate and global changes of WWF6, especially in the light of ASRWG's Task Force on Impact of Climate Change on Irrigation and Drainage in Asia and Oceania (ARTC-CC). VPH Dr. Karim Shiati is also an ICID representative on UN- Water Task Force on Water and Climate Change.

The TF will discuss and decide the activities to be carried out until March 2012.

Item 8 : Any other business

SUMMARY OF ACTIVITIES PERTAINING TO THE TF-WWF6
(Since January 2011)

August 2011	The Chair of the Task Force, President Hon. Bart Schultz, has sent a letter on 8 August 2011 to the TSG Coordinator / Alternate of Targets, 4, 5, 6, 7 drawing their attention to the Updated Metaplan; 500 words; Action Plan; Target and Solutions Group Report; Form for Registering TSG contributors to the online working space; Solution Template; Target Citation with a request to check the information provided in the above documents are OK with a copy to Pasquale Steduto and Anna Dupont.
June 2011	WWC invited ICID for a meeting on 8 June 2011 to meet other WWC members and Governors. This meeting provided an opportunity to exchange with other members and learn more about the Council's ongoing activities. Besides, WWC invited ICID as an Observer for their 42 nd Board of Governors meeting, which was held on 9 and 10 June 2011. From ICID, Mr. Jacques Plantey (AFEID) attend the meeting on 8 June 2011.
May 2011	<ul style="list-style-type: none"> • A circular letter was sent to Members of the TF, Chairmen of Workbodies ,and National Committees / Committee of ICID inviting them to nominate persons who would like to be involved in the further development of certain targets of the Forum as per the Target list. • An International Conference on "Towards the 6th World Water Forum – Cooperative Actions for Water Security" was held in Tashkent, Uzbekistan on 12-13 May 2011, in which Secretary General M. Gopalakrishnan participated. A Concept Note in the light of the Process development framework "From targets to solutions" adopted by the WWC and International Forum Committee, which sets successive steps for development of proposals on solution of urgent water problems towards the 6th WWF was prepared by the Regional Process Commission: Central Asia Cross-Continental Process. • A brief article "ICID Prepares for the 6th World Water Forum" as prepared by Chairman Bart Schultz was published in the 2011/2 issue of the ICID News.
March 2011	<ul style="list-style-type: none"> • Circular letter sent to all National Committee / Committee; Chairs of Workbodies; Members of TF-WWF6 and Office-Bearers solicited comments on the 'First Survey on the Thematic Priority' through 'Virtual Survey'. • Letter inviting Workbody Chairs to become the members of the Task Force was sent on 31 March 2011. • A side meeting of the Task Force was also held on 14 March 2011 on the occasion of the 24th European Regional Conference, where President Prof. Chandra Madramootoo chaired the meeting. Outcome of the Task Force meeting was sent to all members of the TF.
January 2011	<ul style="list-style-type: none"> • Reminder letter sent to Chairs of all ICID National Committees / Committee and Chairs of all ICID Workbodies inviting comments on the brief report on the status of the preparations of the key priority issues on "<i>Ensuring Food Security</i>" of WWF6 especially inputs from workbody chairs in order to bring core issues for consideration. • Circular letter sent to all the Members of the TF-WWF6; Chairs of Workbodies and Chairs of National Committees / Committee of ICID along with the revised 'Background note and draft targets ensuring food security'. These documents formed the basis for discussions at the 2nd Stakeholders Consultation meeting held on 17-18 January 2011 in Paris. • The 2nd Stakeholder Consultation Meeting was held on 17 and 18 January 2011 in Paris where the Core groups stand formed on each one of the 12 key priority issues. WWF6 invited ICID to be one of the members of the Nucleus Core Group on "<i>Contribute to food security by optimal use of water</i>". ICID nominated President Hon. Bart Schultz and was accepted by the Thematic Process Commission / 6th Forum Secretariat.

6TH WORLD WATER FORUM

Key priority 2.2: Contribute to food Security by optimal use of water

Leader: Dr. Pasquale Steduto, FAO

Co-leader: PH Prof. Dr. Bart Schultz, President Hon, ICID and Chairman, TF-WWF6

Targets	Coordinator	Target and Solutions Group Members
<i>Target I:</i> By 2020, sustainably increase by xx% - as compared to 2005 - 2007 baseline - land & water productivity (yield per ha and per m ³) of rainfed agriculture (for specific crop categories)	<i>ICARDA:</i> Theib Oweis <i>Co-coordinator: AFD:</i> Jean-François Cavana	<i>FAO:</i> Domitille Vallée <i>Farm Foundation:</i> Billy Troy <i>CCFD:</i> Yves Richard <i>CGIAR (ICRISAT, IWMI):</i> <i>AFEID:</i> Dominique Rollin:
<i>Target II:</i> By 2020, sustainably increase by X% - as compared to 2005 - 2007 baseline - water productivity per unit land and per year (yield per m ³ , per ha and per year) of irrigated agriculture (for specific crop categories)	<i>Water for Food Institute, University of Nebraska:</i> Thomas Farrell <i>Co-coordinator: FAO:</i> Pasquale Steduto	<i>ICID/AFEID:</i> Michel Ducrocq <i>ICARDA:</i> Theib Oweis and Fawzi Karajeh <i>Farm Foundation:</i> Billy Troy <i>Société du Canal de Provence:</i> I. Le Goff <i>Water for Food Institute - University of Nebraska:</i> Dale Jacobson <i>AFCIDR:</i> Adele Grembo <i>UNESCO-IHE:</i> Krishna Prasad <i>INWEPF:</i> Kunihiko Naito, Hiromichi Kitada and Tetsuya Oishi <i>Arab Water Council:</i> ??? <i>CGIAR (ICARDA, IWMI):</i> ???
<i>Target III:</i> Increase sustainable productivity and lower costs of water management (yield per ha, per m ³ of water and per \$\$ of production cost) in such a way that by year 20yy there is food security at affordable prices for all	<i>ICID:</i> Jacques Plantey + Bart Schultz	<i>FAO:</i> Robina Wahaj <i>ICARDA:</i> Theib Oweis <i>Farm foundation:</i> Billy Troy <i>OECD:</i> Kevin Parris <i>UNESCO-IHE:</i> A. Mehari Haile <i>AFCIDR:</i> ??? <i>Water for Food Institute - University of Nebraska:</i> ??? <i>AFD :</i> J.F.: Cavana <i>AFEID /AIRMF:</i> S. Balsan <i>AFEID/ CACG:</i> N. Daurensan <i>fast4meter:</i> Pierre Walther <i>CBE:</i> Santosh Ghosh
<i>Target IV:</i> By year 2015, increase by 25% – as compared to 2005-2007 baseline – the safe use of non-conventional waters, either treated wastewater or saline water, in agriculture and aquaculture, together with an increase in the number of countries recognizing the WHO-FAO-UNEP Guidelines for wastewater use in agriculture	<i>ICBA:</i> Faisal Taha	<i>ICBA:</i> Ian McCann and Carla Mellor <i>University of Western Australia:</i> Edward Barrett-Lennard <i>Hassan II Institute for Agronomy & Veterinary:</i> Choukrallah Redouane <i>IWMI:</i> Pay Drechsel <i>ICARDA:</i> Manzoor Qadir <i>US Salinity Laboratory USDA-ARS:</i> Don

Targets	Coordinator	Target and Solutions Group Members
and aquaculture where insufficiently treated wastewater is used		Suarez FAO: Javier Mateo Sagasta Centre for built environment, Kolgata: Santosh Gosh and Sonia Gupta University of Nebraska: Tom Farrell
<i>Target V:</i> By year 20yy increase by xx% the capacity of water storages in support of irrigated agriculture (either supplementary, deficit, or full irrigation) - within the framework of an environmentally sufficient and socially sound management	<i>ICID:</i> Chandra A. Madramootoo <i>Co-coordinator: ICOLD:</i> Jinsheng Jia	<i>ICID/AFEID:</i> Daniel Boubee <i>AFEID/DRAF:</i> Denis Baudequin <i>Farm foundation:</i> Billy Troy <i>CCFD:</i> <i>Women for Water Partnership: ???</i> <i>EDF:</i> Emmanuel Branche <i>FAO: ???</i> <i>IWMI: ???</i> <i>AFCIDR: ???</i> <i>IFPRI: ???</i>
<i>Target VI:</i> By 20yy, develop and adopt two "regional" (e.g. West Africa; Europe / Euro-Med) visions for food security and water, and 200 local sustainable agriculture plans	<i>Arab Water Council:</i> Safwat Abdel Dayem <i>Co-coordinator:</i> Ahmed Farahat, National Planning Institute (NRI)	<i>Min Agriculture France:</i> Guillaume Benoit <i>Farm foundation:</i> Billy Troy <i>CGAAER:</i> Philippe Balny <i>AFEID/DRAF:</i> Denis Baudequin <i>NRI:</i> Abdel-Aziz Ibrahim <i>ICARDA:</i> Fawzi Karaji <i>NWRC:</i> Mohamed Anwar <i>CIHEAM/Bari:</i> Atef Hamdy <i>ICID:</i> Ragab Ragab <i>World bank:</i> Azad Abdel-Hamid <i>MetaMeta:</i> Frank van Steenberg <i>FAO:</i> Taysir Al-Ghanem <i>IDRC:</i> Hammou Lamrani <i>IWMI: ???</i>
<i>Target VII:</i> By 20yy, develop national strategic action programmes for key 'hotspot' aquifers exploited by intensive agricultural use (% aquifer depletion, % pollution), including a local definition of maximum admissible drawdown (MAD) and local definition of maximum admissible pollution levels (MAP) for agricultural uses	<i>FAO: Groundwater-GEF Project:</i> Jake Burke <i>Co-coordinator: High Council for Food, Agriculture and Rural Space:</i> Patrick Hurand	<i>AGTER:</i> Clara Jamart <i>Min. of Agriculture:</i> Patrick Hurand <i>CEMAGREF:</i> Dominique Rollin <i>AFEID/DRAF:</i> Denis Baudequin Sebastien Treyer (institution? Proposed by Guillaume Benoit) <i>Arab Water Council: ???</i> <i>IFPRI: ???</i> <i>GWP-SAS: ???</i>
<i>Target VIII:</i> By 2015, define water-related components of a strategy that will improve food supply chain efficiency by 50% and promote sustainable diets, including steps for its implementation by 2025.	<i>SIWI:</i> Jan Lundqvist <i>Co-coordinator: FAO:</i> Barbara Burlingame	<i>CGAAER:</i> Guillaume Benoit, Marie Laurence Madignier
<i>Target IX:</i> Support the small-holders farmers in order to better manage agricultural water,	<i>CCFD:</i> Yves Richard <i>Co-coordinator: CGAAER:</i> Emmanuelle Bour-Poitrinal	<i>FAO:</i> Domitille Vallee <i>AVSF: ???</i>

Targets	Coordinator	Target and Solutions Group Members
produce more goods and services and reduce by 50% by 2020 the proportion of small holders farmers without access to water training and water credit.		<p>AGTER: ??? GRET: ??? AFCIDR: ??? IFPRI: ??? Société du Canal de Provence:F. Prevost Women for Water Partnership ??? Instituto Ipanema: ??? Sarar Transformación ARCA</p>

Abbreviations and Acronyms

AFCIDR	
AFD	Agence Française de Développement
AFEID	French National Committee of the International Commission on Irrigation and Drainage (ICID)
AGTER	Association to Contribute to Improve the Governance of Land, Water and Natural Resources
AIRMF	Association des Irrigants des Régions Méditerranéennes Françaises
ARCA	Asociación Regional Centroamericana para el Agua y el Ambiente
AVSF	???
AWC	Arab Water Council
CACG	Compagnie d'Aménagement des Côtes de Gascogne
CBE	Centre for built environment
CCFD	Catholic Committee against Hunger and for Development
CEMAGREF	L'institut de recherche en sciences et technologies pour l'environnement
CGAAER	???
CGIAR	Consultative Group on International Agricultural Research
DDRAF	???
EDF	???
FAO	Food and Agriculture Organisation of the United Nations
GWP-SAS	Global Water Partnership - SAS
ICARDA	International Centre for Agricultural Research in the Dry Areas
ICBA	International Centre for Biosaline Agriculture
ICID	International Commission on Irrigation and Drainage
ICOLD	International Commission on Large Dams
ICRISAT	International Crops Research Institute for the Semi-arid Tropics
IDRC	International Development Research Centre
IFPRI	International Food Policy Research Institute
INWEPF	International Network for Water and Ecosystem in Paddy Fields
IWMI	International Water Management Institute
NRI	National Planning Institute
NWRC	National Water Research Centre
OECD	Organisation for Economic Cooperation and Development

Agenda for the Twentieth Meeting of the
COMMITTEE ON PUBLIC RELATIONS AND PUBLICATIONS (C-PR&P)
 Tehran, Iran
 18 October 2011: 13.30-17.00 hours
Strategy Theme: Knowledge

Year of Establishment: 1992

Mandate:

- To describe the economic, social and environmental aspects of water resources projects which help provide food and fibre to mankind through irrigation; to identify the audiences and their interests, and suggest the appropriate type of communication and who should carry it out; to encourage National Committees to adopt a proactive role in communicating the role of water resources projects in serving mankind; and to encourage the use of communications specialists to ensure that the ICID public relations effort is effective.
- General management tasks - Development of concept of ICID publication series; set procedure for approval of publications; identification of (inter) national publishers and setting up of cooperative arrangements; marketing and pricing; and cooperation with publishers and National Committees for sale of publications.
- Editorial management tasks - Monitoring of and liaison with authors and editors on proposed and approved manuscripts; classification of proposed manuscripts for the relevant ICID services; calculation of prices and costs; fixing number of copies of books; public relations for publications, recommendations on subsequent publications of ICID.

Members: (1) VPH Larry D. Stephens, Chairman (1992) (USA, 1992); (2) PH Peter S. Lee (UK, 1993); (3) Prof. Hsieh, Yung-Hsu (Chinese Taipei, 1998); (4) Ms. Anne Currey (Australia, 1998); (5) VPH Dr. Dia El-Din Ahmed El-Quosy (Egypt, 1998); (6) Prof. Atef Hamdy (Italy, 2004); (7) VPH Dr. Javad Farhoudi (Iran, 2006); (8) PH Prof. Bart Schultz (Netherlands, 2009); (9) Mr. A.K. Ganju (India, 2009); and (10) Secretary General, ICID.

Ex-officio Member: (1) Mr. Satit Maneepai (Thailand)

Website: <<http://www.c-prp.icidonline.org>>

Item 1 : Confirmation of the minutes of the 19th meeting of C-PR&P

The minutes of the 19th meeting of the Committee held at Yogyakarta in October 2010 will be confirmed.

Item 2 : Review of the membership

2.1 New nomination

No new nomination was received by the Central Office for the membership of the Committee.

Attendance of the members at the meetings of the Committee held in 2009 and 2010 will be presented during the meeting.

2.2 Non-attendance/ contribution

ICID By-law 3.1.7 stipulates that members not contributing to the activities by attendance or correspondence for two consecutive years shall be replaced in consultation with their National Committees.

Accordingly, members who have neither attended the meetings nor made any contributions for the last two consecutive years are:

- VPH Dr. Dia El-Din Ahmed El-Quosy (Egypt);
- Prof. Atef Hamdy (Italy);

- Prof. Hseih, Yung-Hsu (Chinese Taipei); and
- VPH Dr. Javad Farhoudi (Iran)

In consultation with the Chairman VPH Stephens, the Central Office requested the above National Committee to provide fresh nomination in place of the existing member. In response, the Italian National Committee (ITAL-ICID) vide its e-mail of 23 May 2011 has withdrawn the membership of Prof. Atef Hamdy from the Committee. Response from other National Committees is awaited. Committee may decide.

CONTINUING ITEMS

Item 3 : Publications brought out and under processing during the period 2010-11

3.1 Publications brought out by the Central Office

3.1.1 ICID News Update

During the Yogyakarta meeting, in view of the requests of several National Committees to the Central Office that the *ICID News Update* be printed and mailed, the Committee agreed and recommended that printing of the *ICID News Update* be resumed. Accordingly, the CO has commenced the printing of the monthly News Update from the October 2010 issue. Latest copies of a few of the News Update will be circulated at the meeting for information.

3.1.2 ICID News

At Yogyakarta, the Committee noted that the quarterly publication "*ICID News*" is continuing to improve both quality and content wise. Efforts are made to include brief interesting articles on topics of ICID interest from experts not only from ICID family but from other organizations also. ICID News is circulated to all National Committees as well as affiliated organizations. Copies of the ICID News of the year 2011 will be circulated at the meeting.

3.1.3 ICID Annual Report

During the Yogyakarta meeting, the Committee applauded the Central Office efforts in bringing out a quality and well structured Annual Report 2009-10. During the meeting, Dr. S. A. Kulkarni, CO invited the Committee to review the Annual Report and suggest any changes that could be made to improve the Report further.

Annual report 2010-11 was prepared and posted on the ICID website in August 2011. A copy of the report will be circulated at the meeting.

3.1.4 Special Publications

A new publication 'Towards Sustainable Development of Tidal Areas: Some Principles and Experiences' prepared under the aegis of the Working Group on Sustainable Development of Tidal Areas (WG-SDTA) was brought out by the Central Office in August 2011. The publication is based on three principles viz., optimal use of land and water resources, disaster prevention, and the preservation of biodiversity for the present and future generations; and presents the guideline for engineers and decision makers. The document covers case studies/ experiences in countries of China, Germany, India, Indonesia, Japan, Korea, Malaysia, Chinese Taipei, the Netherlands, and the UK. The publication was funded jointly by KCID (Korea), JNC-ICID (Japan), and CTCID (Chinese Taipei) and will be released during the Tehran Congress. A copy of the publication will be available as display at the meeting and will also be kept for display/ sale at the venue of the Congress.

3.2 Publications by National Committees/ Regional Associations

Indonesian National Committee (INACID)

- Proceedings of the 6th Asian Regional Conference of ICID on the theme 'Improvement of Irrigation and Drainage Efficiency under the Small Land Holding Condition', Yogyakarta, 10-16 October 2010, Ministry of Public Works, Republic of Indonesia, (CD-ROM).
 - Asha Karunaratne, P.M. (ed.), Workshop booklet on Improving Farm Management Strategies through AquaCrop: Worldwide collection of case studies, 8-9 October 2010, Yogyakarta, Indonesia, FAO / ICID / UNW-DPC, September 2010.
-

Indian National Committee (INCID)

- Sharma, N., and Singh, R., History of Irrigation in Uttar Pradesh, March 2011

Iranian National Committee (IRNCID)

IRNCID has translated the following publications in Persian language:

- Heydari, N., et al., Water Saving in Agriculture, (141 Pages, 1000 copies 2010, ICID);
- Farhadi Hikooyi, E., Eghbali, M., and Ehasani, M. (eds.) Maintenance of Irrigation Systems - A Practical Guide for System Managers, (284 pages, 1000 copies, 2010, ICID);
- Global Experiences on Participatory Irrigation Management - Selected Papers in the 10th International Seminar on Participatory Irrigation Management; 2-5 May 2007; (264 pages, 200 copies, 2010); and
- Haloculture-Sustainable Use of Saline Soil and Water Resources in Agriculture (322 pages, 1000 copies, 2010).

Southern African Regional Irrigation Association (SARIA)

- Workshop on 'Poverty Reduction and Household Food Security in SADC Countries', 15-17 February 2010, Maguga Lodge, Swaziland (CD-ROM)

Newsletters received at the Central Office

- ERWG Letter, September 2010, No. 20
- News & Views, British National Committee of ICID (ICID.UK), 2010, No. 50
- USCID Newsletter, the U.S. Committee for Irrigation and Drainage, No. 105, 2010

Periodicals received at the Central Office

- KCID Journal, Korean National Committee on Irrigation and Drainage, 2010, Vol. 17, Nos. 1 and 2
- KCID Magazine, Korean National Committee on Irrigation and Drainage, 2010, Vol. 46, No. 6, 10, and 12; and 2011, Vol. 47, No. 3

3.3 Publications under processing

- 'Inter-basin Water Transfer: Global Experiences – Analyses and recommendations' (by erstwhile TF-IBWT)
- 'Irrigation under Drought and Water Scarcity' (by erstwhile WG-IADWS)

3.4 Publications under preparation

- Monsoon Asia History (by WG-HIST)
- History of Irrigation, Drainage and Flood Control in Southern Europe and the Mediterranean (by WG-HIST)
- Modernization of Surface Irrigation Systems (by WG-ON-FARM)

A synoptic table showing the present status of ICID publications (both under regular and special categories) that are completed, under processing/ preparation, and proposed is shown as **Annex 1**.

During the meeting, PH Dr. Bart Schultz informed that he has contacted Wiley to discuss publication of *Inter-Basin Water Transfer and* anticipated that the document will be published soon. PH Prof. Schultz will apprise further status at the Tehran meeting.

3.5 Publication received 'Gratis' from other sources

McGill University, Canada has brought out a publication on 'Water Management for Global Food Security' edited by Prof. Dr. Chandra A. Madramootoo which has emanated from the annual McGill Conference on Global Food Security held since 2008. Several ICID Office Bearers have contributed chapters on topics of 'ICID interest'.

Item 4 : Sale of publications/Congress Transactions during the period 2010-11**4.1 Sale of Publications**

At Yogyakarta, the Committee reviewed the sale of publications. There was a very good response to sales of ICID publications at Yogyakarta, especially 'Water Saving in Agriculture' was reported as 'Best Seller'. The Committee suggested Central Office to explore the possibility of using modern digital copy technology for future publications.

A statement showing the sale of ICID publications during the period 2010-2011 is placed at **Annex 2**.

4.2 Sale of Congress Transactions

Seeing the past experience, the Committee at its Yogyakarta meeting discussed and urged the National Committees hosting the 4 Congress to pay for the extra copies of the Transactions that they have ordered. For the 21st Congress, IRNCID has ordered for 1000 copies of the Transactions.

Item 5 : Report of ICID Journal

At Yogyakarta meeting, PH Prof. Bart Schultz reported on the status of the ICID Journal, besides improved impact factor. In 2011 two sponsored Special Issues (pertaining to WG-SDTA and 24th & 25th ERCs) are expected.

From the first issue of 2011, the Journal has been published on A-4 format with double columns.

Wiley Online Library was launched on 24 July 2010 and is the new home for *Irrigation and Drainage* which has provided many additional features for the benefit of users.

As advised by the Management Board (MB), a tentative permission is given to spare the 'Word File' of the ICID - MTD terms to M/s. Wiley-Blackwell as proposed by Chairman, EB-JOUR.

Item 6 : Review of ICID website

At Yogyakarta, the Committee reviewed the ICID website and made some suggestions to make it more user-friendly. The following is the summary of action taken by the Central Office on the suggestions:

Suggestion	Compliance
Home page is crowded and should be simplified	Efforts have been made to post only the recent events and related links. Further suggestions are welcome.
The home page should be refreshed quarterly with new pictures	Yes, it is being done on periodic basis. All NCs are requested to provide some interesting pictures for posting.
New important publications, e.g. the Annual Report, should be given prominence on the home page with a link to the publication.	Annual Report 2009-10 and 2010-11 are shown on the homepage with links to full publication. A new page flip of Annual Report added on homepage.
On the table of National Committee links, an additional column should be added to provide the link to the NC home page.	An additional column has been added in the table which provides hyperlink to the NC website.
The ICID News should be organized by title with a link to the issues that are available.	Current and past issues of the ICID News are organized by highlighting contents.
Online purchase of publications should be available, exploring alternative methods for providing secure purchases.	Central Office explored the possibilities to establish online store through ICID website with secured payment gateway. The secured payment gateway enables visitors to place order on website by pressing the 'Submit Order' or equivalent button. To establish this facility, onetime charges of Rs. 20,000 and annual charges of Rs. 15,000 will be required to be paid to the service provider. Committee may like to advice on this matter.

Besides the above, the CO has added the following to improve the website:

- Introduced YouTube links of ICID events
- Introduced Google Translate button on home page to get ICID website information in popular international languages. Right now this facility is placed on home page and 'About ICID' sections only.
- New series of digital publishing introduced on ICID platform through Yudu portal. Some of ICID publications are already placed on the Yudu portal. A page flip generated through the portal is also placed on the website.

VP Dr. Willem Vlotman vide his e-mail of 26 April to the Central Office has suggested various options/ points for improvement of the ICID Text Delivery Service (TDS) / Website as follows –

- More information on database section on the ICID website,
- International Drainage Workshop proceedings and individual articles be made available via the TDS,
- Inclusion of proceedings of Yogyakarta as well as Micro Irrigation Conferences in TDS,
- Description of past workbodies and posting their outputs,
- Listing of all proceedings, such as they have been made available on CD-ROMs for download, etc.

As a follow up, the CO has added proceedings of the 10 IDWs, 7IMIC and 6th ARC to the TDS. VP Dr. Vlotman (or Australian representative) attending the meeting may like to elaborate further. Committee may also like to give recommendations to improve the TDS.

Item 7 : Establishment of websites by Workbodies

At Yogyakarta, the Committee noted that many of the Committee and Working Groups have now their own websites. At present 22 working groups websites are operational. Central Office has been updating the websites with the available information/ documents of respective workbodies from time to time. Chairs of the respective workbodies are requested to provide their material/ links to the CO for posting on WG websites.

Item 8 : Any other business

Digital Publishing of ICID Publications

A digital publication is an online publication and specifically created for the Internet media. Digital publications are becoming increasingly popular among publishers and readers for a variety of reasons.

- Publishers can save printing and postage costs by publishing a digital magazine instead of a print magazine or by simply replacing part of its print run with the digital publication;
- Can be able to reach a whole new audience by distributing or making available their digital magazine to the online world; and
- Can make more revenue by selling digital versions by adding advertisements including small videos.

Viewers will get a unique experience every time they open a digital magazine. Rather than looking at the flat, featureless appearance of a PDF file. Pages come to life as they turn, links make navigation fast and searches turn the digital magazine into a research tool. Digital publications are more interactive, search engine optimized, live web links, full stats package.

At present, this technology is available with web hosting combined with yearly maintenance charges depending upon the number of issues published and uploaded on the web server. Approximately, US\$ 160 required for hosting our ICID News, News Updates and Special publications annually. We can also opt for the online sale option available through Yudu portal <<http://www.yudu.com>>. ICID Central Office has already created a free account on the Yudu portal and some of our publications are already placed on the portal for digital viewing and links are provided on ICID website. ICID can save printing and postage costs by publishing a digital magazine instead of print publications.

ICID can also think about publishing on CD-ROM / DVD and Flash drives instead of traditional printing. This will save time, reduce expenditure and also help in contributing to the 'Save Trees' movement. A combination of digital publishing on this media will provide a book like feel with all the advanced search features. ICID Central Office made a small attempt in bringing out the transactions of 21st Congress in this format and we hope our members will enjoy reading with page flips.

Based on the experience, ICID may bring out digital series of our old publications available in PDF format. This digital series can be priced reasonably to promote our publication sales.

Committee may like to give its suggestions/ recommendations.

COMMITTEE ON PUBLIC RELATIONS AND PUBLICATIONS (C-PR&P)

Synoptic table of present status of in-house ICID publications completed /
under processing/ proposed during the period 2010-2012

(A) Regular Publications

Sr. No.	Name of publication	No. of MSS pages	No. of copies printed/ proposed to be printed	Actual/ Estimated printing cost (₹)	Expected date of publishing	Remarks
Annual Report (English)						
1	2009-2010	80	300	₹92,400	August 2010	Published
	2010-2011	80	300	₹ 90,000	August 2011	Published
	2011-2012	80	300	₹ 90,000	August 2012	To be published
Agenda IEC (English)						
2	2010	300	200	₹ 65,625	August 2010	Published
	2011	300	250	₹ 65,000	August 2011	Published
	2012	300	250	₹ 65,000	August 2012	To be published
Minutes IEC (English)						
3	2010	250	175	₹ 59,850	December 2010	Published
	2011	250	185	₹ 65,000	December 2011	To be published
	2012	250	185	₹ 65,000	September 2012	To be published
ICID News (English)						
4	2010 (4 issues)	32 pages (4 Color)	500	₹ 59,200	Feb., May, Aug., Nov. 2010	Published
	2011 (4 issues)	32 pages (4 Color)	500	₹ 70,000	Feb., May, Aug., Nov. 2011	Published/ to be published
	2012 (4 issues)	32 pages (4 Color)	500	₹ 70,000	Feb., May, Aug., Nov. 2012	To be published
News Update (English)						
5	2010 (2 issues)	48 pages (mono color)	--	₹ 5,566	15th of every month	Published
	2011 (12 issues)	48 pages (mono color)	--	₹ 33,396	15th of every month	Published/ to be published
	2012 (12 issues)	48 pages (mono color)	--	--	15th of every month	To be published

(B) Special Publications

Sr. No.	Name of publication	Editorial team	Expected date of finalization of MSS	No. of MSS pages	No. of copies likely to be sold	No. of copies proposed to be printed	Estimated printing cost (₹)	Expected date of publishing	Remarks
(i) SPECIAL PUBLICATIONS (IN PROCESSING FOR PRINT)									
1.	'Towards Sustainable Development of Tidal Areas: Some Principles and Experiences' (WG-SDTA)	Appointed	2010	324	100	500	500,000	2011	Funding support by Chinese Taipei, Japan, and Korea
2.	Inter-basin water transfer: Global experiences – Analyses and recommendations (TF-IBWT)	Appointed	2011	300	100	500	200,000*	2010	Donor to be identified
3.	History of irrigation, drainage and flood control in Southern Europe and the Mediterranean (WG-HIST)	Appointed	2010	350	100	500	80,000*	2011	Donor to be identified
4.	Monsoon Asia History (WG-HIST)	Appointed	2012	500	100	500	100,000*	2011	Donor to be identified
5.	Modernization of Surface Irrigation Systems (WG-ON-FARM)	Appointed	2012	200	200	500	200,000	2013	Donor to be identified
6.	'Irrigation under Drought and Water Scarcity' (erstwhile WG-IADWS)	Appointed	2012	NA	100	500	150,000*	2011	Donor to be identified
(ii) SPECIAL PUBLICATIONS (PROPOSED)									
TO BE IDENTIFIED- "Open for discussions".									

*If the donor is not identified, the publication will be brought out on CD-ROM (approx. cost `30,000)

COMMITTEE ON PUBLIC RELATIONS AND PUBLICATIONS (C-PR&P)
Sale of ICID publications in 2010-11 and previous years

Sl. No.	Publications	Year of publishing	Copies printed	Upto 31.03.2010		01.04.2010 to 31.03.2011		Balance as on 31.03.11
				Free copies to NCs/ Members/ ICID events	Sale	Free copies to NCs/ WB Members/ ICID events	Sale	
1.	CD-ROM version of Multilingual Technical Dictionary (MTD)	2010	500	82	3	6	7	402
2.	Water Saving in Agriculture	2008	500	149	61	10	17	263
3.	Manual for performance evaluation of sprinkler and drip irrigation systems in different agro-climatic regions of the world	2008	500	137	54	2	13	294
4.	Micro irrigation in arid and semi-arid regions	2006	500	145	59	3	21	272
5.	Planning and designing of micro-irrigation in humid regions	2005	500	106	96	3	24	271
6.	Manual on planning of structural approaches to flood management	2005	500	100	46	3	7	344
7.	Application of geosynthetics in irrigation and drainage projects	2004	500	118	79	6	18	279
8.	The Indus basin – History of irrigation, drainage and flood management	2004	500	138	50	-	2	310
9.	Danube valley – History of irrigation, drainage and flood control	2004	392	137	24	1	2	228
10.	Historical Dams	2001	600	170	167	1	2	260
11.	Remote sensing and geographic information systems in irrigation and drainage - Methodological guide and applications	2000	500	101	146	1	2	250
12.	ICID survey on funding of operation, maintenance and management of irrigation projects	2000	500	114	198	1	2	185
13.	Canal operation simulation models	2000	500	103	104	2	2	289
14.	Manual on non-structural approaches to flood management	1999	500	68	249	3	3	177
15.	Guidelines for rehabilitation and modernization of irrigation projects	1999	500	62	369	9	13	47

Agenda for the Eighteenth Meeting of the
WORKING GROUP ON WATER SAVING FOR AGRICULTURE (WG-WATS)
 Tehran, Iran
 18 October 2011: 13:30-17:00 hours
Strategy Theme: Systems

Date of Establishment: 1994

Completion of the Mandate: 2013

Mandate: "To recognize proven water saving success, and to identify and promote successful water conservation".

Members: (1) VPH Dr. Mohamed Hassan Amer, Chairman, 2010 (Egypt, 2000); (2) Dr. Juan Antonio Rodriguez-Diaz, Secretary (Spain, 2010); (3) Dr. Shiang-Kueen, Hsu (Chinese Taipei, 1997); (4) Mr. Neil Louis Lacler (South Africa, 2003); (5) Mr. Mehrzad Ehsani (Iran, 2006); (6) VPH Dr. Mark Svendsen (USA, 2007); (7) Dr. Yuanhua Li (China, 2007); (8) Mr. R.K. Gupta (India, 2009); (9) Dr. Muhammad Arshad (Pakistan, 2009); and (10) Secretary General, ICID.

Permanent Observer: VPH Dr. Alain Vidal, Director, CPWF-CGIAR.

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

A. CONTINUING ITEMS

Item 1 : Confirmation of the minutes of the 17th meeting of the Working Group

The minutes of the 17th meeting of the Working Group held at Yogyakarta (2010), Indonesia will be confirmed.

Item 2 : Review of the membership

The Indian National Committee of ICID (INCID) has nominated (06 July 2011) Mr. V.K. Chawla (India) for the membership of the Working Group. CV of Mr. Chawla will be tabled at the meeting for consideration.

At Yogyakarta (2010), the nominations of Mr. Moussa Amadou (West and Central Africa, NIGER) and Mr. Aliou Bamba (Mali) were deferred as new members (*for want of formal nomination from their National Committees*) of the WG. Central Office requested (19 May 2011) AMID and Niger to send their formal nominations for the membership of WG-WATS.

In response, Niger National Committee of ICID (ANID) has nominated (28 May 2011) Mr. Moussa Amadou (Niger) for the membership of the WG-WATS. The CV of Mr. Amadou is however awaited. The other response from Mali is awaited.

The Italian National Committee of ICID (ITAL-ICID) has informed (23 May 2011) that Prof. Atef Hamdy's (Italy) membership of the WG-WATS stands withdrawn.

At Lahore (2008), New Delhi (2009) and Yogyakarta (2010) meetings, the nomination of Mr. Shakibaevy Ilan Isataevich from Kazakhstan National Committee (KAZCID) was deferred as he was neither present nor represented by other KAZCID member at the meeting. The Central Office is in contact (01 January 2009, 26 July 2010 and 19 May 2011) with KAZCID to confirm the above nomination or send a fresh nomination. Response is awaited.

Attendance of members at the meetings held in 2009 and 2010 will be tabled at the meeting. It may be noted that representation of a member of the working group by any other representative of the concerned national committee is not deemed to be a contribution by a member. Refer to Annex 1 of PCSO Agenda (page A-10) and ICID

by-law 3.1.7 which stipulates that members not contributing to the activities by attendance or correspondence for two consecutive years shall be replaced in consultation with their National Committees.

The Chairman may apprise the WG members.

Item 3 : WatSave Awards

3.1 WatSave Awards - 2011

The Central Office has invited nominations from all national committees/ committee for the 'WatSave awards 2011' in January 2011. The announcement was published in ICID News Updates, ICID News, posted on ICID website and was also circulated among various water related International Organizations for wider dissemination. The last date of receipt of nominations from the national committees to the Central Office was kept as 30 June 2011.

For the WatSave Awards 2011, in all 6 nominations from 5 National Committees have been received. The nominations received were evaluated by an international 'Panel of Judges' appointed by the President, ICID. The awards will be declared and presented at the 62nd IEC meeting scheduled to be held on 23 October 2011.

Further updates about the awards will be available during IEC meeting.

3.2 Sponsorship

ICID instituted 'WatSave Awards' in 1997 to recognize 'outstanding, contribution to water saving / conservation in agriculture' annually, across the world. Entries for the nominations for the 2011 'WatSave Awards' were given in four categories viz., (1) Technology; (2) Innovative Water Management; (3) Young Professionals; and (4) Farmer.

The Iranian National Committee on Irrigation and Drainage (IRNCID) has bagged the honour of sponsoring the WatSave awards 2011. The total award sum amounts to USD 8000 for four awards. The WG members may wish to record their appreciation to IRNCID for their kind gesture.

3.3 Review of Criteria and Evaluation Process for WatSave Awards

The revised (2010) versions of the 'Nomination Form', 'Conditions and Criteria', 'Check list', and 'Evaluation Proforma' were used to invite WatSave nominations from National Committees. The revised proforma are accessible at ICID website <www.icid.org/awards.html>.

At Yogyakarta (2010) meeting, the process of review of criteria and evaluation process for 'WatSave Awards' was highlighted by VPH Dr. Mark Svendsen (USA). He suggested that one member country of ICID may support one nomination from a non-member country. However, every country should present only one candidate per category.

The WG may further deliberate on the Review of Criteria and Evaluation Process for WatSave Awards, if necessary, to improve the process further.

3.4 Guidelines for financing and distribution of award money

Based on the proceedings of the New Delhi (2009) meeting, the 'Guidelines for financing and distribution of award money (honorarium)' have been prepared by Central Office and circulated amongst the members for comments and/or suggestions. The WG discussed (2009) and reduced of the 'WatSave Awards' price from US\$ 2000 to US\$ 500. The reduced price amount was once again discussed (2010) and the WG agreed to reinstate the price money to US\$ 2000 for each category. No payment for travel/other expenses for any category was agreed upon.

Item 4 : Framework for cooperation and interaction among ICID member countries and work bodies

At Yogyakarta (2010), the WG members agreed to cooperate with the Working Group on Technology and Research Uptake and Exchange (WG-TRUE) and the Working Group on Modernization of Irrigation Services (WG-MIS) for carrying out joint activities such as publication, workshop etc.

The WG may also like to discuss on the new ideas for developing / strengthening cooperation and interaction among ICID member countries.

The Chairman may like to nominate members to liaise with above mentioned WGs and apprise the WG.

Item 5 : Internal Workshop on 'Water saving achievements'

At the New Delhi (2009) meeting, the WG proposed to organize an Internal Workshop on '*Water Saving Achievements*' during Yogyakarta (2010) meetings. Due to some reasons, an Internal Workshop could not be held at Yogyakarta, Indonesia. It was then deferred to the next meeting of the WG in October 2011 at Tehran, Iran.

The ICID Central Office informed (19 May 2011) the Chairman and members of the WG as above and sought their consent in holding the Internal Workshop during the Tehran meeting of the WG. To facilitate, the Central Office requested a one-page brief / announcement (*scope, topic/subtopic etc.*) for the WG workshop so that it could circulate to National Committees and also disseminated through *ICID News Update / ICID News*. Since there has been no response to the above, it may be deferred, if WG endorses.

The Chairman may apprise the WG members.

Item 6 : Website of WG

The benefits of WG webpage are immense. The Chairman may wish to discuss on how to enhance its contents and uptake.

Item 7 : Work plan

The core elements of the work plan are the management of the WatSave award process and organizing workshops like workshop on '*Water Saving Achievements*'.

At the Yogyakarta (2010) meeting, the WG agreed to update the WatSave work plan up to 2013. It was observed that the WatSave book has already been translated in Persian language. VPH M.H. Amer (Egypt), Chairman of WG has offered to translate the book into Arabian and a French member could translate it in to French. PH Peter Lee (UK) suggested that Chinese could be another language to translate the book into.

The ICID Central Office is in contact with the Egyptian, Chinese and French National Committees for translating the WatSave book into their languages. The responses are awaited.

The WG will firm up the work plan activities during this meeting up to 2013.

The Chairman may apprise the WG members.

Item 8 : Any other business

FAO's Regional Conference 'Sustainable Water Resources Use in Asia'

The ICID Central Office disseminated the information (13 June 2011) to ICID National Committees, Office-Bearers and Chairs & Workbody members about the Conference (www.asia-water.org) of the Food and Agricultural Organization's Regional 'Sustainable Water Resource Use in Asia' hosted by the FAO in close partnership with a range of regional and international organizations, including ICID commenced from 18 April, 2011.

FAO had requested ICID to contribute on '*Water conservation in agriculture*' for the e-conference under the session-III for the week 9 (13 June) for topic '*Irrigation and Livelihood*'. In response, the Central Office prepared a paper titled '*Water Conservation and Irrigation*' for posting on the conference website at <http://www.asia-water.org/index.php?option=com_kunena&func=view&catid=21&id=398&Itemid=199>.

International Workshop on Water Saving Irrigation at Wuhan University, China

A '*Regional Workshop on Sustainable Development of Water Saving Irrigation in Asia and the Pacific*' was held on 28-29 October 2010 at Wuhan, China. The Workshop was organized by the FAO Regional office for Asia and the Pacific in cooperation with Wuhan University of China, Chinese Agricultural Watersaving and Rural Drinking Water Supply Technology Association (CAWRDWSTA), and Chinese National Committee on Irrigation and Drainage (CNCID).

Major objectives of the workshop were to review the status of Water Saving Irrigation (WSI) development in the region, share information and experiences, identify major issues to be addressed, and propose suitable options for sustainable WSI development. The workshop was attended by over 30 participants, including 12 from international and regional organizations (ADB, FAO, ICID, IWMI, UNEP) from Australia, Indonesia, Pakistan, Sri Lanka and USA, besides Chinese institutions.

From ICID, presentations were made by VPH Dr. Gao Zhanyi (China) and VPH Dr. Abdul Hafied Gany (Indonesia) and Dr. S.A. Kulkarni, Executive Secretary, ICID. Interestingly, there was no unanimity on the definition of 'Water Saving Irrigation' among participants owing to divergent views and perceptions. The FAO Regional Office will be bringing out the proceedings and recommendations of the workshop. Further details of the workshop can be obtained by contacting: Prof. Dr. Dong Bin, Wuhan University (dongbin@whu.edu.cn) or Dr. Zhijun Chen (Zhijun.Chen@fao.org), Technical Officer, FAO Regional Office, Bangkok.

Intensification Programme on Technology Research on Irrigation and Drainage (IPTRID) and Workshop on 'Water Saving Irrigation and Food Security', Beijing, China

"China Research and Training Center of International Programme for Technology and Research in Irrigation and Drainage" was launched at the hands of ICID President Chandra Madramootoo on 12 July 2011 in Beijing. The impressive inaugural function was graced by the presence of PH Aly Shady, Secretary General M. Gopalakrishnan, VP Dr. Willem Vlotman (Australia), VP A.K. Bajaj (India), VPH Dr. Karim Shiati (Iran), VPH Prof. Cai Lingen, VPH Dr. Gao Zhanyi (China), Prof. Wang Aiguo, Chairman CNCID, Prof. Li Yangbin, DG of China Irrigation and Drainage Development Center and its staff, Thierry Facon (FAO), representatives of National Committees of Canada, Malaysia, Mali, Niger, Nepal, Pakistan, South Africa, and Uzbekistan. The launch ceremony was held on the occasion of the CNCID-ICID 'International Workshop on Water Saving Irrigation and Food Security' organized during 11- 14 July 2011 with the support of the Ministry of Water Resources, Govt. of China.

The above Workshop is a maiden effort following the engagement under ICID's renewed efforts to invigorate the IPTRID, in tune with the Yogyakarta IEC decisions of ICID when a MoU was signed with CNCID for the purpose. The workshop was opened by the Vice minister, Ministry of Water Resources, China Mr. Jiao Yong in the presence of Prof. Jia Jinsheng, President ICOLD. In his keynote speech, ICID President Madramootoo urged on the need for Global Food Security and the importance for water savings in agriculture which shall drive the future technology and research in the sphere.

In a high level meeting held with His Excellency Hon'ble Minister for Water Resources Dr. Chen Li, expressed his strong commitment in supporting the ICID and in promoting its mission across the globe. The summary of the workshop and presentations made can be downloaded by accessing the website at <http://icid.org/news_online.html#beijing11>.

Agenda for the Fourth Meeting of the
WORKING GROUP ON WATER AND CROPS (WG-CROP)
 Tehran, Iran
 18 October 2011: 13:30-17:00 hours
Strategy Theme: On-Farm

Year of Establishment: 2007

Completion of the Mandate: 2013

Mandate: To promote the efficient use of water in crop production, to provide input to test crop water models, to investigate the use of energy crops for bio-fuel production, to develop techniques for rainfall harvesting, to promote the multifunctional use of water in paddy (rice) cultivation, to investigate the adaptation of agriculture to climate change and to promote low input agriculture.

Members: (1) VP Dr. Ragab Ragab, Chairman (UK, 2007) (2) Mr. Laurie C. Tollefson, Vice-Chairman (Canada, 2009); (3) Dr. K. Yella Reddy, Secretary, 2010 (India, 2009); (4) Vice President Hon. Dr. B.I. Maticic (Slovenia, 2007); (5) Prof. M.E.V. Scarascia (Italy); (6) Prof. R.G. Allen (USA, 2007); (7) VPH Cai Lingen (China, 2007); (8) Prof. Tai Cheol Kim (Korea, 2007); (9) Mr. Chen Yih-Rong (Chinese Taipei, 2007); (10) Mr. Vincente Carelon (Spain, 2007); (11) Dr. Andrew Sanewe (South Africa, 2007); (12) Dr. Florent Maraux (France, 2007); (13) Ms. Jaleh Vaziri (Iran, 2009); (14) Prof. Rai Niaz (Pakistan, 2009); (15) Dr. Koji Inosako (Japan, 2010); and (16) Secretary General, ICID.

Permanent Observers: (i) FAO representative; (ii) Mr. Herbert H. van Lier (CIGR); (iii) Prof. D. Wrachien (Italy); and (iv) ICRISAT representative.

Website: <<http://www.wg-crop.icidonline.org>>

Item 1 : Confirmation of the minutes of the 3rd meeting the WG-CROP

The minutes of the 3rd meeting of the Working Group held in October 2010 at Yogyakarta, Indonesia will be confirmed.

Item 2 : Review of the membership of the Working Group

No new nominations have been received for the membership of the WG.

Attendance of members at meetings in 2009 and 2010 will be presented during the meeting. It may be noted that representation of a member in the Working Group meeting by any other representative of the concerned National Committee is not deemed to be a contribution by a member. Refer to Annex 1 of PCSO Agenda (page A-10) and ICID by-law 3.1.7 which stipulates that members not contributing to the activities by attendance or correspondence for two consecutive years shall be replaced in consultation with their National Committees.

It is observed that members from China, Chinese Taipei, France, Slovenia, Spain and USA have not been contributing to the activities of the WG for past two or more years. In view of above, the Central Office requested these National Committees to either confirm the participation of their existing nominees or send a fresh nomination. Their responses are awaited.

In response, the Spanish National Committee of ICID (CERYD) informed vide e-mail dated 17 August 2011 that Mr. Vincente Carelon (Spain) has retired in September 2011. Fresh nomination is awaited.

The Chinese Taipei Committee of ICID (CTCID) has informed (19 August 2011) that Mr. Chen, Yih-Rong (Chinese Taipei), Member of the WG-CROP will not be attending Tehran meetings.

Item 3 : Precision Agriculture: Promote the efficient use of water and low input in crop production

At the meeting in Yogyakarta (2010), it was noted that Vice President Dr. Ragab Ragab (UK), Chairman of the WG-CROP had briefed about automation and use of sensor for irrigation and fertilizer applications in many developed countries with reference to the 'Precision Agriculture' meeting held in Denver, Colorado in July 2010. It was reported at the meeting that Ir. Jaleh Vaziri (Iran) would present a paper on 'Precision Agriculture in Iran' during the meeting of the WG in Tehran. The Central Office requested (20 April 2011) Ir. Jaleh Vaziri (Iran) to send an abstract of her study so that it could be circulated among the membership and considered during the meeting. Dr. Hossein Dehghanisani (Iran) has indicated (09 May 2011) that he will make a presentation on 'Precision Irrigation' and concentrate on real time climate data at farm level for calculation of crop water requirement and irrigation scheduling. VP Dr. Ragab Ragab (UK), Chairman Mr. Laurie Tollefson (Canada), Vice-Chairman of WG-CROP have welcomed and informed (9 May 2011) Dr. Dehghanisani to make his presentation in 20-minutes.

The WG agreed (2010) to further improve the Item 3 by adding the concepts of 'Water Footprint' and 'Virtual Water' to it. Accordingly, Central Office invited (21 April 2011) members to prepare and make presentations on the subject. The Chairman of the WG would make a presentation on 'Water Footprint' during the Tehran meeting of the WG.

The Chairman may apprise the WG.

Item 4 : Energy crops for bio-fuel production

At the meeting of the WG held in Yogyakarta (2010), it was decided that the WG will support the Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY). Central Office invited (21 April 2011) the members to send their contributions on the subject to Central Office so that they could be considered during the Tehran meeting. Responses are awaited.

The Chairman may apprise the WG.

Item 5 : Multi-functionality of water use in paddy (Rice) cultivation

It was reported that the WG members, viz, Prof. Tai-Cheol Kim (Korea) Dr. Koji Inosako (Japan), had agreed to work together on the subject and come up with a paper/report for the Tehran meeting. It was also reported that Dr. Graziano Ghinassi (Italy) would report on the work being done in Italy on the subject at Tehran meeting of the WG. Central Office contacted (21 April 2011) Prof. Tai-Cheol Kim (Korea), Dr. Koji Inosako (Japan) and Dr. Graziano Ghinassi (Italy) to prepare a summary of their papers / report for circulation among the membership and discussion during the WG meeting at Tehran.

In response, Prof. Tai-Cheol Kim and Dr. Koji Inosako informed (2nd & 5th May 2011, respectively) that they would prepare a report titled "Saving irrigation water and/or Conserving eco-system service" on the multi-functionality in paddy fields. Prof. Kim and Dr. Inosako will make their oral presentation during the Tehran meeting.

The Chairman may apprise the WG.

Item 6 : Management of Agriculture under Climate Change

At the meeting in Yogyakarta (2010), the Chairman requested Mr. Mohammed Sadegh Jafari (Iran) to prepare a paper/report on Iranian Experiences and make the presentation during the workshop proposed to be held at Tehran, Iran in October 2011. The Central Office is in contact (20 April 2011) with Mr. Jafari to send his contribution on the subject to Central Office so that it could be considered during the Tehran meeting.

In response, IRNCID has informed (03 September 2011) that Dr. Alireza Massah (Iran), Member of IRNCID, Working Group on Sustainable Use of Water in Agriculture, would present a report titled "The potential impact of climate change on Iran's agriculture" during the WG meeting,

The Chairman may apprise the WG.

6.1 Internal workshop on 'Management of Agriculture under Climate Change'

At Yogyakarta (2010) meeting of the WG, it was decided to organize a workshop on 'Management of Agriculture under Climate Change' during Tehran meeting. The Central Office requested (21 April 2011) the members for their contributions / papers for the workshop.

In response, Prof. Tai-Cheol Kim (Korea) informed (2 May 2011) that he had presented his report on “*Reinforcing the design criteria for irrigation dam spillway to adapt to climate change*” in the ASRWG Task Force on Climate Change, last year. Dr. K. Yella Reddy (India) has informed (30 June 2011) that he will present his two papers during the Tehran meeting / Workshop, viz. (i) Introduction of drip Irrigation for Paddy crop; and (ii) Mapping and Auditing of Multiple Uses of Water Services in Krishna Western Delta using MASSMUS Methodology – A Case Study. The Chairman requested (30 June 2011) Dr. Reddy to combine the two papers in one presentation of 15 minutes. The responses from others are awaited.

The Chairman may apprise the WG.

Item 7 : Website of WG

The Chairman and Central Office have been updating the WG activities in the webpage of WG-CROP from time to time. A lot of information, documents and links are available in the website.

As per minutes of Yogyakarta meeting (2010), Chairman was to place SALTMED model and other related documents (required input data templates) in the website of WG for free download by WG members.

The Chairman may apprise the WG.

Item 8 : Work plan

A three year rolling work plan needs to be developed.

Item 9 : Any other business

International Conference on ‘World Crop 2010’, London (UK)

At Yogyakarta meeting (2010), it was proposed that the Chairman would represent ICID at the International Conference on ‘World Crop 2010’ in London (UK) and present a paper on ‘*Water and Food Security*’. The Central Office has requested (20 April 2011) the Chairman of the WG to send his feedback on the subject to ICID Central Office so that it could be circulated among the membership and discussed during the Tehran meeting.

The Chairman may apprise the WG.

FAO’s Regional ‘Sustainable Water Resources Use in Asia’

The ICID Central Office disseminated the information (13 June 2011) to ICID National Committees, Office-Bearers and Chairs & Workbody members about the Conference (www.asia-waer.org) of the Food and Agricultural Organization’s Regional ‘*Sustainable Water Resource Use in Asia*’ hosted by the FAO in close partnership with a range of regional and international organizations, including ICID, commenced from 18 April, 2011.

FAO had requested ICID to contribute on ‘*Water conservation in agriculture*’ for the e-conference under the session three for the week 9 (13 June) for topic ‘*Irrigation and Livelihood*’. In response, the Central Office prepared a paper titled ‘*Water Conservation and Irrigation*’ for posting on the conference website. It can be accessed at <http://www.asia-water.org/index.php?option=com_kunena&func=view&catid=21&id=398&Itemid=199> for more information.

INWEPF Symposium and 8th INWEPF Steering Meeting

2011 INWEPF Symposium and 8th INWEPF Steering Committee meeting will be held at Penang Island, Malaysia from 1-3 November 2011 to exchange knowledge and experience based on expertise among the INWEPF member countries. The main theme of the Symposium is “*Sustainable Agriculture Water Use and Multifunction of Paddy Fields*.” Scholars and policy makers from local governments and anybody interested in or contributing to the goal of INWEPF missions are invited to contribute papers to the Symposium.

Please contact Mr. Thian Kim Tai (E-mail : ktthian@moa.gov.my), Assistant Director, Irrigation and Agricultural Drainage Division, Ministry of Agriculture and Agro-Based Industry Malaysia, for more information.

INWEPF Symposium in Thailand (THAICID) – Outcome

The 5th THAICID National Symposium and 1st Thailand INWEPF Symposium were jointly held on 17 June 2010 in Nonthaburi Province, Thailand. The symposia were held under the theme of “*Multiple Roles of Paddy Fields Related to Integrated Resources Management*”. Many guests including Mr. Theera Wongsamut, the Minister of Agriculture and Cooperatives, and Mr. Chalit Damrongsak, the Director General of Royal Irrigation Department, were invited to the symposium. Dr. Shiratani, Head of Laboratory of water Environment in National Institute for Rural Engineering, Japan, delivered the keynote speech on “*Sustainable Agriculture to Conserve Water Environment in Japan*”. Over 150 professionals from Universities and Research institutes in Thailand participated in the symposium. For more information, please access their home page at <<http://www.rid.go.th/thaicid/>> <<http://kromchol.rid.go.th/ffd/inwepf/inwepf%20eng.html>>

Agenda for the Thirty-Second Meeting of the
PERMANENT FINANCE COMMITTEE (PFC)
 Tehran, Iran
 16 October 2011: 13.30-17.00 hours

Members: (1) Vice President Hon. Dr. Saeed Nairizi, Chairman (Iran, 2006); (2) Vice President Dr. Laszlo G. Hayde, Vice Chairman (Hungary, 2004); (3) Dr. James Ayars, Secretary (USA, 2007); (4) Mr. Syed Raghob Abbass Shah (Pakistan, 2006); (5) Vice President Hon. Dr. Gao Zhanyi (China, 2007); (6) Vice President A.K. Bajaj (India, 2009); (7) Mr. Akira Nakazawa (Japan, 2009); (8) Mr. Bert Toussaint (The Netherlands, 2010); (9) Mr. Chris Bennett (Australia, 2010); (10) Mr. Francois Brelle (France, 2010); and (11) Er. M. Gopalakrishnan, Secretary General, ICID.

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General Note: Conversion rate of US\$ versus ₹ (Indian Rupee) used in the budget and forecasts -

Average Exchange rate of 1 US \$ for the last fifteen months					
Month	₹	Month	₹	Month	₹
April 2010	44.42	September 2010	46.35	February 2011	45.62
May 2010	45.79	October 2010	44.43	March 2011	44.94
June 2010	46.10	November 2010	45.16	April 2011	44.28
July 2010	46.86	December 2010	45.21	May 2011	44.86
August 2010	46.64	January 2011	45.59	June 2011	44.80

A conversion rate of US\$1 = ₹ 45.00 was assumed in the forecast for year 2010-11 on the basis of exchange rate in the first five months of 2010. The actual rate at which the subscription was received during 2010-11 works out at US\$1= ₹ 45.52. An exchange rate of US\$1= ₹ 44 has been assumed for forecast of year 2011-12, budget for Financial Year 2012-13 and preliminary budget for the Financial Years 2013-14 and 2014-15, on the basis of the average exchange rate in the first 5 months of 2011.

This explanation is just to bring home that the sensitivity of the budget –

1. Will be impacted as it hinges upon the \$/ ₹ exchange fluctuations and, of course,
2. Upon country fluctuations in the living cost index as the allowances linked to the base i.e., pay as a % age shall be met with depending upon Government of India's biennial announcements.

Item 1 : Confirmation of the minutes of 31st Meeting of Permanent Finance Committee held at Yogyakarta, Indonesia, on 12 October 2010

The minutes of the 31st meeting of the Permanent Finance Committee (PFC) held at Yogyakarta, Indonesia, on 12 October 2010 were circulated to the members. No comment was received to the Central Office. The Minutes may be confirmed.

Item 2 : To review membership of the Committee

According to By-law 3.2.2(c), the Committee shall have a minimum of 9 and a maximum of 15 elected members in addition to the Secretary General (SG). Presently there are 11 members including SG.

VP Dr. Laszlo G. Hayde, Vice Chairman of the Committee has completed his six-year term and should be replaced as per ICID By-law 3.2.1.2 "*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*". The Committee may like to elect Vice Chairman during the meeting.

The Australian National (ICID-NCA) vide e-mail dated 14 June 2011 has proposed the name of Mr. Ian Atkinson for PFC membership. The Central Office has informed the National Committee to confirm that the nomination is in place of Dr. Chris Bennett, so that Mr. Atkinson's nomination can be placed for consideration during the meeting. Response is awaited. Since the 63rd IEC will be held in Adelaide, Australia, the membership of Mr. Atkinson in the Committee will be quite helpful.

Item 3 : To consider the position of arrears of annual subscription and consequential remedial action

3.1 Deemed Inactive National Committee with effect from 1 January 2011

The Committee at its Yogyakarta meeting in October 2010 decided that if arrears of membership subscription of National Committees of Kyrgyz Republic, Macedonia, Morocco, Sri Lanka and Zambia, were not received by 31 December 2010, they may be considered 'inactive member' with effect from 1 January 2011. It will be recalled that a special gesture of an additional year of all the benefits of normal membership stood extended to all of them (like 10 copies of Journal free etc.).

The decision was conveyed to the concerned National Committees urging them to clear their dues by 31 December 2010. In response, the Sri Lankan National Committee (SLNCID) vide their dated 26 May 2011 agreed to pay the subscription amount for the years 2010 and 2011. However, SLNCID has regretted to pay the arrears of subscription for the years 2007, 2008 and 2009 amounting to US\$ 5105 due to financial difficulties. CO had requested SLNCID to apply for special waiver of the dues to PFC and remit the subscription amount for the years 2010 and 2011. Response is awaited. If the Committee could pro-actively decide the waiver in Sri Lankan Committee's favour relaxing the provisions in the Constitution and Bylaws as a very special case (one time), action will be taken by C.O to get the two years subscription (2010 and 11), and recommence the full benefits of membership without waiting till the next IEC.

The Chilean Embassy in New Delhi has informed vide its letter No. 42/2011 dated 18 May 2011 that the Government of Chile has decided to withdraw its membership from ICID effective from 31st May 2011. Copy of letter received from the Embassy will be placed at the meeting.

SG Gopalakrishnan soon after consulting President Madramootoo, supplied a copy of their application for further possible consultation within AMRWG and country membership.

3.2 Arrears

At least 20 active National Committees were slipping into arrears of subscription as on 31 March 2011. Of these 10 were in arrears of balance of one year or more and 10 were in arrears of two years or more. After 31 March 2011, Uzbekistan national Committee (UzNCID) has cleared the arrears. At the time of writing the agenda notes, the status of arrear of subscription, excluding the current year 2011, is as follows:

3.2.1 National Committees in arrears of two years or more (excluding 2011) are as follows:

1.	Greece (2008 and 2009)	US\$ 6650
2.	Guyana (2008, 2009 and 2010)	US\$ 4990
3.	Israel (2008, 2009 and 2010)	US\$ 5675
4.	Kazakhstan (2009 and 2010)	US\$ 5330
5.	Myanmar (2007, 2008, 2009 and 2010)	US\$ 8235
6.	Nigeria (2008, 2009 and 2010)	US\$ 4755
7.	Niger (balance for 2008, 2009, and 2010)	US\$ 3248
8.	Serbia (2008, 2009 and 2010)	US\$ 7655
9.	Syria (2009 and 2010)	US\$ 3585
10.	Uruguay (2008, 2009 and 2010)	US\$ 5355

The Committee at its 31st meeting at Yogyakarta decided to give one more additional year to the National Committees who are in arrears of two years or more i.e. (i) Greece, (ii) Guyana, (iii) Israel, (iv) Myanmar, (v) Nigeria, (vi) Niger, (viii) Serbia, and (viii) Uruguay.

Greece National Committee has paid the subscription for the year 2010. Their further efforts to strengthen their capacity to pay membership by a proposal to organize capacity building events and circulating it amongst all ICID national Committees is praiseworthy attempt to emulate, by those wish to strengthen their internal financial standing.

The Central Office has sent letters to all the defaulting national committees to clear arrears of their dues. Responses are awaited.

The PFC may consider discussions on applying the By-law 13.1 in case of Greece, Kazakhstan and Syria while By-law 13.2 in case of other national committees and declaring them as deemed inactive or otherwise..

Item 4 : To review progress on financial and administrative arrangements for the recently held and forthcoming ICID IECs/ Workshops/ Conferences:

- (i) 24th European Regional Conference, 14-16 March 2011, Orleans, France**
- (ii) 25th European Regional Conference, 16-20 May 2011, Groningen, The Netherlands**
- (iii) 62nd IEC Meeting and 21st Congress, 15-23 October 2011, Tehran, Iran**
- (iv) 3rd African Regional Conference, 29 November – 5 December 2011, Bamako, Mali**
- (v) 63rd IEC Meeting and 7th Asian Regional Conference, 24-29 June 2012, Adelaide, Australia**
- (vi) 11th International Drainage Workshop, September 2012, Cairo, Egypt**
- (vii) 64th IEC Meeting and 8th Asian Regional Conference, October 2013, Mardin, Turkey**
- (viii) 65th IEC Meeting and 22nd Congress, 2014, Seoul, Korea**

(i) 24th European Regional Conference, 14-16 March 2011, Orleans, France

The French National Committee (AFEID) held the event successfully. A sum of Euro 6875 towards 5% of the registration fee of the event as ICID Contribution, payable by AFEID is not received yet. Central Office has written to AFEID to remit the payment. Response is awaited.

(ii) 25th European Regional Conference, 16-20 May 2011, Groningen, The Netherlands

The Netherlands National ICID Committee (NETHCID) also held the event successfully. An amount of US\$ 8888 towards 5% of the registration fee of the event as ICID Contribution, payable by NETHCID is not received yet. Central office has written to NETHCID to remit the payment. Response is awaited.

(iii) 62nd IEC Meeting and 21st Congress, 15-23 October 2011, Tehran, Iran

The host Iranian National Committee (IRNCID) has sent the statement related to financial arrangements for the event. A sum of US\$ 407 500 from the event is expected out of which US\$ 201 250 will be remitted to the ICID Central Office towards 50% share of registration of the event.

A copy of e-mail dated 7 March 2011 will be tabled at the meeting.

IRNCID representative may like to provide the updates at the meeting.

(iv) 3rd African Regional Conference, 29 November – 5 December 2011, Bamako, Mali

The 3rd African Regional Conference will be held from 29 November to 5 December 2011 in Bamako, Mali. The conference will be hosted by Mali National Committee (AMID).

The Central Office has written to AMID to provide details of financial arrangements of the event. Response is awaited. Representative of AMID may like to provide financial details at the meeting.

(v) 63rd IEC Meeting and 7th Asian Regional Conference, 24-29 June 2012, Adelaide, Australia

The Central Office has written to the Australian National Committee (ICID-NCA) to provide the filled-in proforma about the financial arrangements for the 63rd IEC/ 7th ARC. Response is awaited. Representative from ICID-NCA will provide the details at the meeting.

(vi) 11th International Drainage Workshop, September 2012, Cairo, Egypt

The Central Office has written to the Egyptian National Committee (ENCID) has been requested to provide the filled-in proforma about the financial arrangements for the 11th IDW. Response is awaited. ENCID representative will provide the details at the meeting.

(vii) 64th IEC Meeting and 8th Asian Regional Conference, October 2013, Mardin, Turkey

The Turkish National Committee (TUCID) has been requested to provide the filled-in proforma on financial arrangements for the 64th IEC/ 8th ARC and also to nominate its representative to remain present at the PFC meeting. Response is awaited.

(viii) 65th IEC Meeting and 22nd Congress, 2014, Seoul, Korea

The Korean National Committee (KCID) has been requested to provide the filled-in proforma on financial arrangements for the 65th IEC/ 22nd Congress and also requested to nominate its representative to remain present at the PFC meeting. Response is awaited.

Item 5 : To discuss and recommend to IEC the audited accounts for the year 2010-2011**5.1 Auditor's Report**

The auditor's report (abridged) for the financial year (1 April 2010 to 31 March 2011) is given at **Annex 1**, page A-194.

(1) Outstanding dues of subscriptions: From the auditor's Note 2 (of Annex 1), it is seen that the outstanding balance of subscriptions (arrears) of 20 active NCs as on 31 March 2011 was US\$ 82 179. In comparison, the outstanding balance as on 31 March 2010 was US\$ 90 277 from 25 active NCs.

(2) Subscription realized: The total annual subscription amount for the 65 active NCs for the year 2010 was US\$ 243 225. However, the Central Office has received a sum of US\$ 195 210 by 31 March 2011. This shows 80% realization of the total subscription for the year 2010, as against 83% during the year 2009. 47 out of 65 active members have paid their subscription for the year 2010 so far and the Central Office is doing all its best to collect the rest of the subscription sum from defaulting National Committees.

5.2 Foreign Currency Accounts

The Foreign Currency Accounts with Canara Bank, New Delhi and HSBC Bank plc., London were audited. These accounts have been incorporated in the audited account of the Commission for the period ending 31 March 2011. A brief of these accounts is as follows:

- (1) The total receipt during the year 2010-11 in the Foreign Currency Account (US Dollar) with Canara Bank, New Delhi was US\$ 235 622. There was a carry forward balance of US\$ 180 968 from the previous year. Out of which for meeting the payment requirements, a sum of US\$ 389372 was withdrawn during the period. A balance amount of US\$ 27218 was available as on 31 March 2011.
- (2) In the Foreign Currency Account (Euro) with Canara Bank, New Delhi, the total receipt during the year 2010-11 was Euro 33 712 while a balance of Euro 10 319 was available from previous year. A payment of Euro 39 088 was made during the period and thus the balance amount of Euro 4 943 was available as on 31st March 2011.
- (3) In the HSBC Bank plc. London, there is a fixed deposit of US\$ 132 592. During the year 2010-11, the receipt was US\$ 6 735 and the payment of US\$ 166 (as bank charges) was made. Thus the balance amount of US\$ 149 094 was available as on 31st March, 2011.

5.3 Staff Provident Fund

The statement for the year 2010-11 in respect of the Staff Provident Fund Account under ICID Employees Provident Fund Trust was audited separately. The amount standing at the credit of the subscribers (staff) as on 31 March 2011 was ₹ 20,177,534 (excluding the Reserve Fund of ₹ 48,092 of the Staff Provident Fund) compared to an amount of ₹ 21 268 891 as on 31 March 2010. The Reserve Fund is mainly used for the purpose of payment of Auditor's fee and Miscellaneous Expenses of the Trust.

5.4 A comparison of budgeted estimates and actual expenditure for the year 2010-11

A summary of the approved outlay for 2010-11 presented in the last PFC meeting and actual expenditure ending 31 March 2011 (*including receipts*) is presented at **Annex 1A**, page A-197. along with clarifying notes where variations are substantial. Against the anticipated receipts of ₹ 25.84 million presented at New Delhi IEC, the actual

receipts were ₹ 24.17 million; while the actual payments made were ₹ 24.82 million against the anticipated payments of ₹ 31.78 million as indicated during 2010 IEC. A deficit of ₹ 0.65 million is seen against the budgeted surplus of ₹ 8.23 million.

The above deficit is attributed to the following:

- (i) Payment of balance amount of arrears (after reduction as per the Bajaj Committee Report) to the professionals / staff with regard to 6th Pay Commission.
- (ii) Gratuity and leave encashment to the retiring staff.
- (iii) Receipt of lesser amount of membership subscription from the NCs for the year 2010.

5.5 Non-Transferable Fund Accounts:

The non-transferable fund accounts are as follows:

- (a) **Gratuity Fund:** The fund is used for making payment to outgoing/ retiring staff. Receipt in this fund consists of the transfer from main account and interest earned on fixed deposits.
- (b) **Superannuation Fund:** The fund is used for making payment to retired personnel of the Commission. Receipts in this fund consist of transfer from main account and interest earned on fixed deposits.
- (c) **Dictionary Fund:** The fund was created long time back and is used for the revision of Multilingual Technical Dictionary (MTD) and any other related expenses. Receipt in this fund consists of receipt from the sale of MTD and interest earned on fixed deposit of the fund amount.

A sum of ₹ 300,000 and ₹ 750,000 is provided for Gratuity Fund and Superannuation Fund respectively for the year 2011-12.

Preliminary Observations on Financial Situation

PFC may consider and recommend for IEC's approval the audited accounts for the year 2010-11, with or without any amendments.

Item 6 : Forecast for the current financial year 2011-12

6.1 Receipts (Annex 1A)

6.1.1 Anticipated Receipt from Subscription

A sum of ₹ 10.32 million towards annual membership subscription in respect of 59 active NCs.

6.1.2 Contribution from 61st IEC Meeting and 6th Asian Regional Conference Regional Conferences

A sum of US\$ 21 946 has been received from the Indonesia National Committee (INACID) towards 15% share of registration fee of foreign delegates.

Referring to the proforma for financial arrangements provided by INACID, it includes the registration fee of local participants too. It was reported that 244 local participants were registered and their registration fee was US\$ 375/ person. Accordingly, a sum of US\$ 13725 ($US\$ 375 \times 244 = US\$ 91500$) towards 15% share of registration fee was payable by INACID. Subsequently, the Central Office wrote letter to INACID to pay a sum of US\$ 13725. In response, INACID informed that as the registration fee earlier agreed to at par with international delegates was too high for local participants, the Organizing Committee kept a special registration fee (lower than the above) to encourage them to attend the conference. According to INACID, even this registration fee was not good enough to cover own expenses in organization of the event and hence INACID could not include the contribution from the local participants to the CO's share.

The Committee may like to take a view and advice as to whether this can be one time concession as a special case.

6.1.3 Royalty Receipts from the Sale of 'Irrigation and Drainage Publications brought out by M/s Wiley & Blackwell

Royalty accruable from M/s Wiley & Blackwell, the publisher of ICID Journal - 'Irrigation and Drainage' amounts to US\$ 10 177 (₹ 0.45 million) for the year 2011-12.

6.1.4 Conference Support

A sum of ₹ 9.0 million is expected from 62nd IEC/ 21st ICID Congress, Tehran towards 50% of registration fee, and also a sum of ₹ 0.85 million is expected to be received from the National Committees of France and The Netherlands on account of 5% of registration fee for the 24th European Regional Conference held in France (March 2011) and 25th European Regional Conference held in The Netherlands (May 2011), respectively.

6.1.5 Grants

A sum of ₹ 0.5 million has been considered as the 'likely' receipt during Financial Year 2011-12 from unidentified sources (*as grant for projects that might be undertaken*). When received, this will be utilized during the same year. Thus, it does not add to the budget surplus or deficit.

6.1.6 Rent Receipts

A receipt of ₹ 10.02 million is anticipated in 2011-12 from the rented out 'First Floor' premises of Central Office (*this has been leased out to M/s Yes Bank Ltd as PFC is aware of*).

6.2 Payments

6.2.1 Salary and Allowances: The Central Office is operating with a limited number of 17 staff in all. An amount of ₹ 15.24 million was approved in the budget presented during the 61st IEC Yogyakarta towards the salaries of ICID staff and compensation package of Secretary General. This was further reviewed and a sum of ₹ 13.84 million is provided as the forecast for the financial year 2011-12.

6.2.2 Services and Maintenance: Provision under the head 'Services and Maintenance' has been revised from ₹ 2.67 million to ₹ 2.88 million.

6.2.3 Printing and Distribution

(i) ICID Journal – 'Irrigation and Drainage'

Against the approved payment of US\$ 34 610 (₹ 1.56 million), a sum of US\$ 37 909 (₹ 1.67 million) is reserved towards subscription of 800 + 84 extra copies to the publishers of ICID Journal.

(ii) Special Publications

A provision of ₹ 1.03 million for the year 2011-12 had been made on account of likely special publications on MIS and other possible ones as per WG's intentions, in a few cases.

6.2.4 Travel / Meetings

A provision of ₹ 1.05 million has been made towards (i) expenses of travel to attend the international meetings for SG wherein ICID's presence might be rewarding and (ii) expenses for the conduct of 62nd IEC and 21st Congress with the participation of Secretary General, Secretary General (Designate) who will be introduced to IEC for their consent and the Central Office Professionals (a) Executive Secretary, and (b) Director.

6.2.5 Grants

A sum of ₹ 0.5 million that has been considered as 'likely' receipt during Financial Year 2011-12 from unidentified sources (*as grant for studies that might be undertaken*) is shown to be utilized during the same year for the purpose of the budget.

6.3 Internal Transfer for gratuity and superannuation

For augmenting the Gratuity Fund and Superannuation Fund that has to match with the employees' subscription as per accepted provisions by ICID management, a sum of ₹ 0.3 million and ₹ 0.75 million respectively is provided.

6.4 Likely Final Scenario for the Year 2011-12

The budget for the financial year 2011-12 was approved by the Council in October 2010 at Yogyakarta. The revised forecast for the year 2011-12 is shown in **Annex 1A** page A-197 (Summary).

The key aspects that may impact the revenue and expenditure during the year (2011-12) are as follows:

- Receipts from annual events viz., 62nd IEC and 21st Congress, 24th and 25th European Regional Conferences contributing to the ICID budget as envisaged (₹ 10.9 million).
- The dues payable to 'Lands and Development Office (L&DO)' in Government of India (15% of rent receipts for the let-out of the first floor portion commencing from 2004) could not be effected. However, a sum of ₹ 6.0 million is provided in the budget for the year 2011-12 for payment to L&DO.

PFC may note and recommend to IEC, the approval of Budget Forecast (2011-12), with or without comments, if any.

Item 7 : To consider and recommend to IEC the budget for the financial year 2012-13

7.1 Receipts

7.1.1 Membership subscription

During the year 2012-13, a receipt of ₹ 10.63 million from the annual membership subscription is expected from 59 active NCs, as shown in the **Annex 1A**.

7.1.2 Publications

ICID Journal – Irrigation and Drainage

Royalty of US\$ 15 357 (₹ 0.675 million) as per projections supplied by the Chairman, EB-JOUR in his report presented at the MB meeting in Yogyakarta, Indonesia in 2010 has been assumed as revenue during the year 2012-13.

7.1.3 Conference Support

- 63rd IEC and 7th Asian Regional Conference, Adelaide, Australia, 2012

With the ICID share of 15% of registration fee, a sum of ₹ 3.46 million is presumed from the IEC.

7.1.4 Interest and Other Receipts

Interest on fixed deposits in the Accounts is likely to yield ₹ 1.50 million. Besides, other recoveries of advances is estimated at ₹ 0.16 million.

7.1.5 Rent from Let-out Portion

A sum of ₹ 10.02 million (gross) is likely to be received as rent from the tenants, M/s Yes Bank.

7.1.6 Grant

A sum of ₹ 0.5 million has been considered as 'likely' receipt during Financial Year 2012-13 from unidentified sources (as grant for works that might be undertaken). However, this amount is also shown as utilized during the same year.

7.2 Payments

7.2.1 Salaries and Allowances

The provision includes dues on account of annual increment and possible increase in dearness allowance on the approved lines of the Government of India norms. A sum of ₹16.09 million is projected.

7.2.2 Services and Maintenance

A sum of ₹2.87 million has been provided towards of building maintenance, stationary purchases, watch and ward, gardener services, equipments, library books, maintenance of vehicles, telephones and postage. This also includes a provision of ₹0.22 million towards ICID Website/TDS Hardware and Software in the Central Office.

7.2.3 Printing and Distribution

ICID Journal – Irrigation and Drainage (2012)

A provision of US\$ 40 725 (₹17.91 million) has been made for the guaranteed payment towards subscription of 800 copies (200 online copies @ US\$ 45 per copy and 600 print + online copies @ US\$ 53 per copy) to M/s Wiley & Blackwell, Publishers of ICID Journal for the year 2012-13. These provisions to be treated as tentative estimates and are likely change based on the number of additional copies required.

7.2.4 Travel (Meetings)

A total of ₹1.06 million has been allocated towards travel for meetings as follows –

Meetings in India

A lump sum provision of ₹0.06 million is made for participation of Secretary General and other staff for meetings in India.

International Meetings

A lump sum provision of ₹0.6 million is made for Secretary General's participation in two International Meetings outside India as per the approved practice.

Council Meeting/Regional Conference

A provision of ₹0.4 million is made in financial year 2012-13 for Secretary General and Executive Secretary for their participation in 63rd IEC Meeting and 7th Asian Regional Conference to be held at Adelaide, Australia in 2012, as per approved practice.

7.2.5 Payment to L& DO

It is expected that since a substantial amount would become payable over the past years commencing from the year in which first floor stood let out – 2004 June, it is proposed that ICID plead for making the payment in parts over a period and hopefully, this would be accepted.

A sum of ₹2.0 million is allocated for payment to L&DO during the financial year 2012-13.

7.2.6 Printing and Distribution

A budget provision of ₹1.45 million has been made for publication of periodicals and other special publications, as well for their distribution during the year.

7.2.7 Grant Utilization

Grant anticipated during the year 2012-13 will be utilized with no carryover.

7.3 Surplus

Taking into account the total receipt of about ₹ 26.87 million and a total payment of ₹ 27.71 million, a deficit of ₹ 0.83 million is anticipated as on 31 March 2013.

7.4 Internal Transfer for gratuity and superannuation

A sum of ₹ 0.3 million and ₹ 0.75 million is reserved to be credited to the Staff's Gratuity Fund and Superannuation Fund respectively.

PFC may kindly consider the budget for 2012-13 and recommend it to IEC for approval.

Item 8 : To consider the preliminary budgets for years 2013-14 and 2014-15

The preliminary budget for the subsequent two Financial Years 2013-14 and 2014-15 is prepared based on the previous year's budgets and other likely changes that might occur.

Being long range forecast, they might undergo. A summary statement of the above, indicating receipts and payments is shown in **Annex 1A**, page A-197.

8.1 Receipts

8.1.1 Membership subscription

It is estimated that the subscription receipts would be around US \$ 248 980 (₹ 10.95 million) during 2013-14 and US \$ 256 450 (₹ 11.28 million) during 2014-15.

- The membership subscription is based on the active membership of countries and subscription rates computed with 3% increase per year as approved in 2007 at Sacramento.
- No account is taken of the receipts of membership fee from any of the new members who had been admitted given the uncertainties associated with such presumptions many changes as necessitated.
- Similarly, the members 'deemed inactive' getting re-activated has also been ignored based on similar reasoning.

8.1.2 Rent from Let-out property

The present lease deed agreement with the Yes Bank will be over by June 2013. A fresh negotiation will be made either with the prevailing lessee (Yes Bank) or other organization. It is hoped the rental value of the let-out portion is likely to be twice to thrice compare to the prevailing rates. Accordingly, a sum of ₹ 19.05 million in the year 2013-14 and a sum of ₹ 21.15 million during the year 2014-15 is estimated as receipts from rent of let-out property (these values represent a modest raise of 200 % only and hence the budget figures could be construed to be good and reasonable forecast).

8.1.3 Conference Support

Revenues from 64th IEC/ 8th Asian Regional Conference in Turkey during the financial year 2013-14 is assumed as ₹ 2.0 million; while from 64th IEC/ 22nd Congress in Korea as well as 12th IDW in Russia during the financial year 2014-15 is assumed as ₹ 12.05 million.

8.1.4 Publications

- (i) In accordance with the procedure of valuation of publications inventory, the receipts from sale of publications during Financial Years 2013-14 and 2014-15 have been estimated only for publications issued in and after 2008 (for 2013-14) and 2009 (for 2014-15).
- (ii) ICID Journal – Irrigation and Drainage, Royalty from Publishers of the ICID Journal for the year 2013-14 and 2014-15 is expected to be US \$ 16 125 (₹ 0.71million) and US \$ 16 915 (₹ 0.74 million) respectively.

8.1.5 Grant

A sum of ₹ 0.5 million has been considered as 'likely' receipt (as grant for works that might be undertaken) during Financial Years 2013-14 and 2014-15 from unidentified sources. However, the same shall be utilized during that year without any change in the budget position.

8.1.6 Other receipts

A sum of ₹ 0.16 million has been assumed for each one of the years 2013-14 and 2014-15 from advertisement in the ICID website/ News.

8.2 Payments

8.2.1 Salaries and Allowances

A sum of ₹ 20.70 million and ₹ 20.01 million have been kept based on projected trends in salary payments for Central Office professionals and staff besides SG's compensation package, respectively for the years 2013-14 and 2014-15. The hike in the year 2013-14 is to account for terminal benefits likely to be payable for one of the Central Office professionals.

8.2.2 Services and Maintenance

A sum of ₹ 7.66 million and ₹ 3.71 million has been made for the forecast Financial Years 2013-14 and 2014-15 respectively. Essentially, this covers the expenses related to ICID Website/TDS Hardware and Software and other equipments including the replacement of the outdated ones. Since 2014-15 would provide opportunity to revise rent and enhance income, ₹ 2.10 million has been provided to upgrade the computer systems/ office space modernization/ refurbishing.

8.2.3 Printing and Distribution

Congress Publications

A sum of ₹ 1.55 million has been provided in Financial Year 2014-15 for printing of pre and post-Congress transactions (Vol. I & II) of 22nd Congress to be held in Seoul, South Korea including other expenditure like air freight of transactions.

Other publications

A sum of ₹ 0.8 and ₹ 0.5 million have been allocated towards other publication expenses during the years 2013-14 and 2014-15, respectively.

8.2.4 Payment to L&DO

A sum of ₹ 2.0 million and ₹ 3.2 million respectively during the years 2013-14 and 2014-15 is reserved towards payment in installments of the accrued dues to the Land and Development Office of the Govt. of India for rent earnings of the premises being let out.

8.2.5 Travel (Meetings)

(i) International Meetings

A lump sum provision of ₹ 0.6 million is made for the preliminary budget years 2013-14 and 2014-15 each for participation of Secretary General in two International Meetings outside India.

(ii) Congress/Council Meeting/Regional Conference

A provision of ₹ 0.35 million is kept during the years 2013-14 and 2014-15 for Secretary General's, Executive Secretary's participation in the 64th IEC meeting and 8th Asian Regional Conference in Turkey (2013) and 65th IEC Meeting and 22nd Congress in South Korea (2014). For the 22nd Congress one more professional from Central Office will also participate.

8.2.6 Grant Utilisation

Grant anticipated during the years 2013-14 and 2014-15 will be utilized with no carryover.

8.3 Surplus (Deficit)

Taking into account the total receipts of about ₹ 36.49 million and ₹ 49.53 million in the Financial Years 2013-14 and 2014-15 and the corresponding total payments of about ₹ 37.20 million and ₹ 35.41 million respectively, the preliminary budgets indicate a deficit of about ₹ 0.71 million in 2013-14 and a surplus of about ₹ 14.12 million in 2014-15. In the year 2013-14, the deficit is expected with regard to payments to retiring professional, maintenance of Central Office premises and upgradation of office automation in spite of having receipt of increased rent on let-out property. The surplus for the year 2014-15 will be possible due to receipt of interest on term deposit lying in the bank and also receipt of registration fee from the 65th IEC and 22nd Congress scheduled to be held in South Korea.

8.4 Internal Transfer

The non-transferable accounts/funds relate to Gratuity, Superannuation and Dictionary Funds.

For the financial years 2013-14 and 2014-15, a sum of ₹ 0.30 million for Gratuity Fund and ₹ 0.75 million for the Superannuation Fund (for each one of the years) is reserved for being transferred internally to those accounts.

8.5 Overall financial scenario for the period 2013-15

The overall financial scenario over the triennial span 2013-2015 indicates the following:

- (i) The deficit situation in the 2013-14 - a conservative presumption as this is a non-congress year that does not yield good meeting receipts. Besides, the payment to a retiring senior professional (*Dr. S. A. Kulkarni*) shall need adequate provision.
- (ii) Surplus reflected in the year 2014-15 are due to triennial congress and escalation in the rent receipt from let-out portion as postulated.

General:

- In order to insulate ICID from future shocks (as was seen in the past cases / earlier congresses), it may be mentioned that the PFC had earlier considered to make a recommendation that the host National Committee of the Congress ensure a fixed sum of US \$ XXXXXX or 50% of registration fee, whichever is higher. PFC may consider making a recommendation to IEC, on these lines or as appropriate.
- One of the suggestions earlier made by the Chair, PFC was that for approving future congress venues, IEC could go by "*the best bid*". In other words, those bidding NCs who can guarantee a sum not less than US \$ XXXXXX would be recommended for consideration by IEC. The highest bidder would be opted if other conditions do not bar such a choice.
- PFC may consider making a recommendation to IEC that the National Committee offering to host an International Drainage Workshop should also contribute 15 percent of the registration (as per the norm approved by IEC for annual IEC and Regional Conference related events).

The PFC may consider the preliminary budgets for the Financial Years 2013-14 and 2014-15 and recommend with comments, if any, for approval by the Council.

Item 9 : To note the external funding assistance received in 2011-12 and identify additional funding sources

During the year 2011-12 no external funding was received.

ICID Office Bearers/ Members who are in an influential position in their respective Governments or other major Private Groups/ Industry can help to explore avenues for such support/ study. Such gestures would be deeply appreciated.

Item 10 : Broadbasing of ICID Membership

The Council at its 61st meeting at Yogyakarta asked PFC to prepare a proposal to broaden ICID membership. Secretary General Gopalakrishnan summarized the elements of a broadbasing effort through adding membership categories. PFC members offered several useful suggestions regarding how to proceed with broadbasing of the ICID membership.

Chairman PFC may like to appraise the comments received from members on broadbasing so as to include in his presentation to IEC.

Item 11 : Any other business (with the permission of the Chair)

AUDIT REPORT FOR THE YEAR ENDING 31 MARCH 2011

RAGHU NATH RAI & CO.
Chartered Accountants

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

Dear Sir,

We have carried out the audit of the accounts of the Commission for the year ending 31st March 2011. In this connection, we have to report as under:

1. Receipts and payment account for the year under report has been checked with the cash book, vouchers, bank statements of accounts and the other records. We have also verified by test check that the payments are within the authority of the respective officers.
2. The Balance Sheet has been prepared after incorporating certain provisions which have been made in the accounts with regard to the amounts payable, amounts recoverable, estimated realizable value of stock of publications in hand. These provisions have been estimated by the AACO have been relied upon by us.
3. These accounts do not incorporate the entries in respect of Provident Fund for which separate accounts have been prepared and audited.
4. We have compared the receipts and expenses with the budgeted provisions. There are some variations between the budgeted amount and the actuals.
5. Foreign currency in the foreign currency accounts with HSBC Bank plc., London and Canara Bank, New Delhi, India has been converted at budgeted rate of exchange and incorporated in these accounts.
6. Subscription and publication due for more than 6 years amounts to Nil.

Subject to the above, Balance Sheet and the Receipts and Payments Account are correct in accordance with the books and vouchers produced before us and as per the information and explanations given to us and upon which we have relied.

Yours faithfully,
For Raghu Nath Rai & Co.
Chartered Accountants

New Delhi
Dated: 30 May 2011

Membership No. 7648
Partner
(PREM PRAKASH)

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE
RECEIPT AND PAYMENT ACCOUNT
For the Period from 1 April 2010 to 31 March 2011

	2010-11 Rs.	2009-10 Rs.
RECEIPT		
Membership Subscription	10 807 667	9 726 890
ICID Journal	779 805	587 070
Publications	199 428	96 283
Conference Support	987 570	1 319 041
Interest	976 918	935,563
Grants	450 000	-
Others	694 933	1 039 542
Let out Property	9 726 729	11 933 108
Total Receipts	24 623 050	25 637 497
PAYMENT		
Salaries, Compensation Package & Retirement Dues	19 291 182	16 819 253
Services and Maintenance	2 504 919	2 035 248
Property Tax & Utilities	427 212	1 748 068
Rehabilitation / Refurbishing	-	-
ICID Journal	1 622 655	1 982 745
Printing & Distribution	515 803	750 386
Conference Expenditure	52 319	19 029
Subscription to other organizations	-	-
Travel Expenditure	358 112	783 840
Grants Utilisation	46 639	-
Others	47 000	45 589
Payment to Land & Development Office	-	-
Total Payments	24 865 841	24 184 158
SURPLUS (DEFICIT)	(242 791)	1 453 339

Sd/-
V.K. Dureja
Asstt. Accounts Officer

Sd/-
Dr. Vijay K. Labhsetwar
Director

Sd/-
M. Gopalakrishnan
Secretary General

Auditor's Report
As per our separate report of even date

For Raghu Nath Rai & Co.
Chartered Accountants

New Delhi
Dated: 30 May 2011

Membership No. 7648
Partner
(PREM PRAKASH)

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE
Balance Sheet as on 31 March 2011

	2010-11 Rs.	2009-10 Rs.
ASSETS		
Property and Equipment	8 560 480	8 636 431
Receivables	5 748 431	6 065 855
Stocks	613 758	1 382 361
Cash at Bank and Imprest	33 490 207	34 122 577
Total Assets	48 412 876	50 207 224
LIABILITIES		
Accounts Payable	9 842 948	9 214 948
Grants	403 361	-
Gratuity Fund	2 675 833	3 443 656
Superannuation Fund	334 839	1 237 075
Total Liabilities	13 256 981	13 895 679
NET ASSETS	35 155 895	36 311 545
RESERVES		
General Fund	34 592 956	35 801 516
Dictionary Fund	562 939	510 029

Sd/-
V.K. Dureja
Asstt. Accounts Officer

Sd/-
Dr. Vijay K. Labhsetwar
Director

Sd/-
M. Gopalakrishnan
Secretary General

Auditor's Report
As per our separate report of even date

For Raghu Nath Rai & Co.
Chartered Accountants

New Delhi
Dated: 30 May 2011

Membership No. 7648
Partner
(PREM PRAKASH)

