

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)
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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)
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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: