



ICID•CIID

# AGENDA

64<sup>th</sup> Meeting of  
International Executive Council  
&  
Pre-Council Meetings of Workbodies  
1 - 5 October 2013, Mardin, Turkey



**AGENDA FOR THE 64TH MEETING OF  
INTERNATIONAL EXECUTIVE COUNCIL (IEC) OF ICID  
MARDIN, TURKEY**

**Opening Plenary: 1<sup>st</sup> October 2013, 17.00 – 18.00 hours**

**Second Session: 5<sup>th</sup> October 2013, 09:00 – 12:30 hours**

**Third Session: 5<sup>th</sup> October 2013, 13:30 – 17:00 hours**

The International Executive Council (IEC) is vested with the management of the affairs of the International Commission on Irrigation and Drainage (ICID). The IEC considers all matters of policy which may be initiated or sponsored by any member National Committee or Office Bearer or by the Management Board and may itself initiate and determine or otherwise advise and lay down any matter of policy. All matters affecting the executive or administrative function and financial liabilities of ICID must come up before the Council and its decision shall be conclusive. The IEC consists of the Office Bearers and representative from each National Committee and meets annually.

**Opening Plenary 1<sup>st</sup> Session: 1<sup>st</sup> October 2013, 17.00 – 18.00 hours**

**IEC Agenda Item 1: Welcome and opening remarks by the President**

1. President Dr. Gao Zhanyi will welcome the members and make his opening remarks. President will put the role of ICID within the international water community in perspective, highlight the main achievements of the Commission during the last year since the Adelaide IEC meeting, throw light on the issues that are before IEC for deliberations, need for a coherent approach towards the mission of ICID among its various stakeholders and draw attention of the members to certain issues that need special attention. The President will also pay homage to the past luminaries of ICID who passed away since the last meeting of IEC in Adelaide.

**IEC Agenda Item 2: Report on the actions taken on the decisions of 63<sup>rd</sup> IEC and the decisions taken by the Management Board (MB) since the last IEC meeting**

2. A report on the action taken on the decisions of the last IEC meeting and thereafter by the MB is attached as Annex 1.

**IEC Agenda Item 3: Report of the Secretary General**

3. Secretary General Eng. Avinash Tyagi will present the Annual Report 2012-13 bringing out physical and financial progress along with the physical progress on activities undertaken during the period from April 2013 till date to the Council, report on cooperation and collaboration with the international organizations and the services introduced by the Central Office for members.

**Second Session: 5<sup>th</sup> October 2013, 09:00 – 12:30 hours**

**IEC Agenda Item 4: Report by the Chairs of Permanent Committees**

**IEC Agenda Item 4.1: Permanent Finance Committee (PFC)**

4. Vice President Hon. Dr. Saeed Nairizi, Chairman, PFC will present his report on the 34<sup>th</sup> meeting of the PFC to be held in Mardin, on 3 October 2013 from 09:00 to 12:30 hours. The Agenda of PFC is given at Appendix XXVII, Page 237.

5. Among others, the Chair will present the recommendations of PFC on the report of the Direct Membership Administering Sub-Committee presented in Annex 1 of the PFC Agenda. The Chair will also present views of PFC on the recommendations of the Sub-Committee headed by the Chair of PFC to consider the suggestions made by PCSO and workbodies like WG-YPF at 63<sup>rd</sup> IEC meetings in Adelaide for increasing its membership of National Committees and participation of the professionals from developing countries and Young Professionals in IEC and other ICID events.

**IEC Agenda Item 4.2: Permanent Committee on Strategy and Organization (PCSO)**

6. Vice President Dr. Ragab Ragab, Chairman, PCSO will present his report on the 24<sup>th</sup> meeting of PCSO to be held on 3 October 2013 from 13:30 to 17:00 hours. The Agenda of PCSO is given at Appendix I, Page 39.

**IEC Agenda Item 4.3: Permanent Committee on Technical Activities (PCTA)**

7. Vice President Hon. Felix R. Reinders, Chairman, PCTA will present his report on the 33<sup>rd</sup> meeting of PCTA to be held on 4 October 2013 from 09:00 to 17:00 hours. The Agenda of PCTA is given at Appendix VIII, Page 107.

**IEC Agenda Item 4.4: Discussion and decisions on the Recommendations of the Permanent Committees**

8. Council will deliberate on the recommendations of the PFC, PCSO and PCTA and make its recommendations.

**IEC Agenda Item 5: Report on 1<sup>st</sup> World Irrigation Forum (WIF1)**

**IEC Agenda Item 5.1: Chair of the Steering Committee**

9. President Dr Gao Zhanyi as the Co-chair of the Steering Committee set up to guide the preparations for the First World Irrigation Forum will brief the Council on the process adopted, the experiences gained and the way forward to the 2<sup>nd</sup> World Irrigation Forum.

**IEC Agenda Item 5.2: Chair of International Technical Advisory Committee of WIF**

10. PH Prof Bart Schultz, who headed the International Technical Advisory Committee, will brief the members of the Council on the technical process, the lessons learnt, the technical outcomes of the Forum and suggest the changes that might be required for the 2<sup>nd</sup> WIF.

**IEC Agenda Item 5.3: Chair of Jury of World Irrigation and Drainage Prize**

11. PH Dr. Peter Lee, who chaired the Jury for the adjudication of the World Irrigation and Drainage Prize, will present his assessment of the process.

**IEC Agenda Item 6: Reports by the Chairs of Task Teams**

**IEC Agenda Item 6.1: Task Team on classification of Thematic Areas**

12. As per the decision of the 63<sup>rd</sup> IEC meeting, a Task Team under the chairmanship of VP Dr. Gerhard Beckberg was constituted to review the classification of Thematic Areas and the Working Groups associated with each one of them. Chair of TT will present his report to the Council (Annex 3 of PCTA Agenda). The views of the Management Board on the recommendations will also be presented. The Council may consider the recommendations and take appropriate decisions.

**IEC Agenda Item 6.2: Chair of the Task Team on Historical Irrigation Structures**

13. VP Dr. Ragab Ragab, the Chair of the Task Team constituted for recognition of Historical Irrigation Structure to work out objectives, guidelines and procedures to promote and value these historical structures will present the Discussion Paper drafted by the Team (Annex 2 of Agenda of WG-HIST). The Council may deliberate and provide its inputs to enable the TT to finalize its mandate. The Discussion Paper has also been discussed in the WG-HIST.

**Third Session: 5<sup>th</sup> October 2013, 13:30 – 17:00 hours**

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

14. In a Resolution IEC-3/63 adopted at the 63<sup>rd</sup> IEC meeting, a Special Committee was set up to look into the proposed amendments to the Constitution and By-laws in the light of granting Direct Membership in ICID and other decisions which have already been taken by IEC in the past, but have not been incorporated in the By-laws and Constitution. As a follow-up of IEC's decision, the Management Board constituted the Special Committee to review the ICID Constitution and ICID By-laws. The composition of the Special Committee is as follows:

(i)	PH Peter Lee (UK)	-	Chair
(ii)	VPH Larry Stephens (USA)	-	Member
(iii)	VP Gerhard Backeberg (South Africa)	-	Member
(iv)	VP Chaiwat Prechawit (Thailand)	-	Member
(v)	SG Avinash C. Tyagi	-	Member-Secretary

15. The Special Committee also took into consideration the recommendations of the Sub-Committee headed by the Chair of PFC to consider the suggestions made by PCSO and workbodies for increasing its membership of National Committees and participation of the professionals from developing countries and Young Professionals in IEC and other ICID events.

16. In accordance with Article 12 of the constitution regarding amendments to the Constitution and By-laws, the Report of the Special Committee on Constitution and By-laws (Annex 2A and Annex 2B) was circulated to the National Committees of ICID on 2 August 2013 (more than 2 months in advance of the IEC meeting). NCs were requested to send their comments / suggestions by 10 September 2013. The comments received would be presented as part of the supplementary information during the meeting. Some parts of the By-laws and other decisions of the International Executive Council from time to time have been compiled in the form of a "Handbook of Procedures", which is placed separately.

17. The Chairman of the Committee, PH Peter Lee will present his report (Annex 2) and provide an update to the Council.

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

18. The IEC has so far approved the venue of the following future major ICID events:

- 12<sup>th</sup> International Drainage Workshop, St. Petersburg, Russia, 23-26 June 2014
- 65<sup>th</sup> IEC and 22<sup>nd</sup> Congress on Irrigation and Drainage, Gwangju Metropolitan City, South Korea, 14-20 September 2014
- 66<sup>th</sup> IEC and 26<sup>th</sup> European Regional Conference, Montpellier, France, 11-16 October 2015
- 67<sup>th</sup> IEC and 2<sup>nd</sup> World Irrigation Forum, Chiang Mai, Thailand, 2016

19. ICID Central Office has circulated an e-mail dated 24 May 2013 to all the National Committees of ICID inviting proposal for hosting the following future events:

- 68<sup>th</sup> IEC and 23<sup>rd</sup> Congress on Irrigation and Drainage, 2017
- 5<sup>th</sup> American Regional Conference (2014 onwards)
- 8<sup>th</sup> Asian Regional Conference (2015 onwards)
- 4<sup>th</sup> African Regional Conference (2015 onwards)
- 9<sup>th</sup> International Micro Irrigation Symposium (2015 onwards)
- 13<sup>th</sup> International Drainage Workshop (2017 onwards)

20. In response Zimbabwe Committee on Irrigation and Drainage (ZwCID) has shown interest in hosting 23<sup>rd</sup> International Congress on Irrigation and Drainage and 68<sup>th</sup> IEC meeting from 24-30 September 2017 at Victoria Falls, Zimbabwe. "Performa to facilitate approvals for hosting ICID events" – Form A has been submitted by ZwCID formally. Representative of ZwCID may like to provide further information.

21. Similarly, Iranian National Committee on Irrigation and Drainage (IRNCID) has shown interest in hosting the 13<sup>th</sup> International Drainage Workshop (IDW) in 2017, but without any formal request in “Performa to facilitate approvals for hosting ICID events” – Form A. Representative of IRNCID may like to provide further information on the subject.

**IEC Agenda Item 9: Consideration of ICID Membership Requests**

22. No new applications from the National Committees have been received during the year in Central Office for membership. However, Uruguay National Committee of ICID (URUCID), who are ‘deemed inactive’ since 2012 have requested to waive off the annual subscriptions arrears for the years 2008, 2009, and 2010. In accordance with By-law 13.5 re-admitting of an ‘deemed inactive’ NC can be considered by IEC after the NC has made full payment of the three years’ arrears, immediately preceding the interruption in its membership. These arrears can be waived only in case of NCs from Least Developed Countries. The Federal Ministry of Water Resources, Nigeria vide its letter dated 7 August 2013 has informed about the reactivation of Nigerian National Committee on Irrigation and Drainage (NINICID). It is hoped that NINICID will soon settle their subscription arrears and take part actively in the activities of ICID.

23. Based on the recommendations of PFC on the report of the Direct Membership Administering Sub-Committee the Council will take decision on the direct membership.

**IEC Agenda Item 10: ICID Awards / Plaques**

**IEC Agenda Item 10.1: Presentation of WatSave Awards**

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

**IEC Agenda Item 10.2: Presentation of Plaques to retiring 3 Vice Presidents**

25. Citation plaques will be presented during the IEC meeting to the retiring following three Vice Presidents for their services and guidance to the ICID activities during their tenure 2010-2013:

- |       |                       |                |             |
|-------|-----------------------|----------------|-------------|
| (i)   | Dr. Ragab Ragab       | United Kingdom | (2010-2013) |
| (ii)  | Engr. Husnain Ahmad   | Pakistan       | (2010-2013) |
| (iii) | Mr. Chaiwat Prechawit | Thailand       | (2010-2013) |

**IEC Agenda Item 10.3: Presentation of Plaques to retiring Chairs of Workbodies**

26. Following retiring chairperson of workbodies will be presented citation plaque for providing commendable guidance to the activities of the concerned workbodies.

- |      |  |
|------|--|
| (i)  | Dr. Maurits Ertzen (The Netherlands), Chairman, WG-MIS, 2007-2012    |
| (ii) | Prof. Linden Vincent (The Netherlands), Chairman, WG-TRUE, 2007-2012 |

**IEC Agenda Item 10.4: Presentation of Award for the Best Paper in the ICID Journal “Irrigation and Drainage”**

27. The Best Paper Award for 2013 are selected on the basis of the contributions to the Journal made during 2011-12. The Chair of EB-JOUR, PH Dr. Bart Schultz, will provide the recommendation to IEC.

**IEC Agenda Item 10.5: World Irrigation and Drainage Prize: Funding for**

28. The First WID Prize 2013 which carries a cash prize of US\$ 10,000 was funded by CNCID. We can either make a temporary arrangement such as we have made for awarding the WatSave awards where the host National Committee by convention also provides funding for the prizes or we can go for establishing a Trust Fund. For such a prestigious prize to continue without interruptions for want of financial resources, it is important to constitute a Trust Fund. The Council may like to discuss the issue.

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

29. As per Article 7.2.4 of the ICID Constitution, the 3-year term of Office (2010-2013) of the following three Vice Presidents will conclude at the end of the Mardin IEC and its adjunct study tours –

Dr. Ragab Ragab	United Kingdom (2010-2013)
Engr. Husnain Ahmad	Pakistan (2010-2013)
Mr. Chaiwat Prechawit	Thailand (2010-2013)

30. In response to the Central Office's circular letter dated 5 March and reminders dated 23 April and 23 May 2013 inviting nominations for the positions of Vice President for the term 2013-2016 the following nominations were received in the Central Office, 4 months in advance of the date of the IEC meeting, i.e. 5 June 2013.

Sl. No.	Nominee	Country	Date of receipt in the Central Office	Status of Documents
1	Dr. Basuki Hadimoeljono	Indonesia	3 April 2013	Valid
2	Mr. A.B. Pandya	India	4 June 2013	Valid
3	Mr. Kadhim Mohsin Ahmed	Iraq	5 June 2013	Valid

**IEC Agenda Item 12: Any other business**

**IEC Agenda Item 13: Closing remarks by the President, ICID**



**FOLLOW UP ON THE ACTION POINTS ARISING OUT OF  
Minutes of 63<sup>rd</sup> IEC Meeting**

No.	Item	Decisions	Action taken
1	Opening Remarks by the President (Para 1.4)	Irrigation Achievement Award to be presented during the World Irrigation Forum (WIF).	The World Irrigation and Drainage Award will be presented at the First World Irrigation Forum, prior to IEC.
2	Opening Remarks by the President (Para 1.5)	Initiating a Scheme for Protection of Historical Irrigation Structures	The Task Team constituted to look into the issue has submitted a discussion paper for deliberation under Agenda Item 5.2.
3	Report of the Permanent Finance Committee (PFC) (Para 4.7)	The Council approved the proposal to appoint M/s Sunil Goel and Associates as the External Statutory Auditor of ICID for the three financial year period 2012-2015 and authorized SG to finalize the Agreement with them.	M/s. Sunil Goel and Associates did not agree to the terms and conditions set out by SG, therefore M/s A. Abhyankar and Company, Chartered Accountants were appointed as Statutory Auditors.
4	Report of PFC (Para 4.8)	The Council noted that the ICID By-laws were silent about some of the financial issues like procedure for appointing Statutory Auditors and accepted its recommendations to revisit the By-laws and make suitable provision.	Brought to the attention of Special Committee who has made suitable insertions in the proposed amendments to Constitution & By-laws to be considered under Agenda Item 6 of IEC.
5	Resolution IEC-1/63/ (Sr. No.8)	The Council authorized the MB to approve the fee structure for the 64 <sup>th</sup> IEC and WIF at Mardin, Turkey in October 2013 and for the 22 <sup>nd</sup> Congress at Gwangju, Korea in September 2014	Based on the detailed financial proposals for 64 <sup>th</sup> IEC &WIF in Mardin from TUCID the President, on behalf of MB agreed to the Fee structure presented at the Steering Committee of WIF1. Fee structure for the 22 <sup>nd</sup> Congress will be considered during PFC meeting.
6	Report of PCSO (Para 5.7)	The Council decided to organize the triennial event <b>World Irrigation Forum</b> in the years preceding the Congress years, on a regular basis. The Council invited TUCID to organize the first WIF in 2013 alongside the 64 <sup>th</sup> meeting of IEC.	TUCID is organizing the First World Irrigation Forum contiguous with the 64 <sup>th</sup> IEC meeting.
7	Report of PCTA (Para 6.4)	The Council decided to set up a new Task Force under the chairmanship of VPH S Ota to work on contributions of ICID to WWF-7.	The new TF on WWF-7 will be organizing its first face to face meeting during the pre-council meetings.
8	Report of PCTA (Para 6.5)	The Council approved the proposal to continue to publish the <i>Irrigation and Drainage</i> for a further period of 5 years starting January 2014 with M/s Wiley-Blackwell.	New agreement has been signed with M/s. Wiley-Blackwell for a further period of five years, effective from January 2014.
9	Report of PCTA (Para 6.6)	The Council accepted the recommendations of PCTA to rename the Micro-Irrigation Congresses (MIC) as Micro-irrigation Symposium.	NCs have been invited to host 9 <sup>th</sup> Micro-irrigation Symposium (MIS).



**Annex 1 [IEC Item 2, Para 2]**

No.	Item	Decisions	Action taken
10	Resolution IEC-2/63	It was decided to establish a Task Team to further elaborate, the Concept Note on “Intensification of Irrigation and Drainage Research to Achieve Global Food Security”, in the form of a ‘program document’ under the chairmanship of PH Chandra Madramootoo.	The Task Team was established to further elaborate the Concept Note with PH Chandra Madramootoo as Chair. Report of the TT is awaited.
11	Resolution IEC-2/63	PFC to go into the proposals from PCSO regarding inactive NCs membership and increasing the membership of National Committees and bring considered proposal back to the Council	The Sub-Committee was constituted under the chairmanship of VPH Dr Nairizi which has submitted its report that would be discussed under Agenda Item 3 of PFC.
12	Resolution IEC-2/63	TUCID to work closely with the Management Board and the Secretary General to finalise the provisional program for the World Irrigation Forum within three months.	A Steering Committee under the co-chairmanship of President Gao Zhanyi and TUCID Chair Mr. Akif Ozkaldi was constituted. This committee was assisted by International Technical Advisory Committee chaired by PH Bart Schultz for guiding the WIF1 preparations.
13	Broadbasing of ICID Membership (Para 8.6)	The Council decided that the Direct Members will be provisionally admitted based on the approval of the sub-committee of PFC.	Sub-Committee for Direct Membership Administering was constituted committee under PFC whose report will be considered under Agenda Item 2 of PFC.
14	Resolution IEC-3/63	The PFC to take a closer look at the revenue, the incidental expenditure on maintaining the new membership vis a vis the fee structure and report to the Council at its 64 <sup>th</sup> meeting,	Will be taken up after more experience is gained, but prior to 22 <sup>nd</sup> Congress.
15	Resolution IEC-3/63	The PFC to keep these guidelines under constant review and suitably incorporate changes for the smooth administration of the Direct Membership and avoid any conflict of interest.	-do-
16	Resolution IEC-3/63	The Management Board to set up a Marketing Team to advise the Secretary General in starting the membership drive	The Marketing Team constituted for the purpose is yet to organize its first meeting.
17	Resolution IEC-3/63	The Secretary General to circulate the note prepared by PH Peter Lee on the broadbasing the NCs to all the NCs	Peter Lee Committee Report has been circulated to all NCs with the request to update/prepare their constitutions and broaden their membership.
18	Presentation on the Strategy Theme - Systems	The Council decided to constitute a Task Team to look into the classification of Thematic Areas and the Working Groups associated with each one of them in consultation with other theme leaders.	The Task Team under the chairmanship of VP Backeberg will present his report under Agenda Item 5.
19	Any Other Business (Para 14.3)	The Council decided to set up a Constitutional Review Committee	The Special Committee on Amendments to Constitution and By-laws will present its report under Agenda Item 6.

**Annex 2 [IEC Item 7, Para 17]**

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE**  
**DRAFT REPORT OF THE**  
**SPECIAL COMMITTEE FOR CONSTITUTIONAL AMENDMENTS**  
*Submitted by the Chair*  
*Dated: 2<sup>nd</sup> August 2013*

**Background**

In due consideration to the recommendations of the Review Committee on the “Broadbasing of ICID membership” and the proposal for a new category of membership i.e., “Direct ICID Members” for individuals, public and private organizations IEC at its 62<sup>nd</sup> meeting (2011) in Tehran decided to constitute a Special Committee to look into the Constitutional Amendments under the chairmanship of PH Chandra Madaramootoo as required in light of (i) Abolition of the post of Secretary and (ii) The Broad basing of ICID membership. Accordingly the Special Committee recommended the changes in the ICID Constitution, and ICID By-Laws strictly confined to the two issues referred to the Special Committee. The amendments to the ICID Constitution and ICID By-Laws were put up to the IEC in its 63<sup>rd</sup> meeting where they were adopted as per Resolution IEC-3/63, the 63<sup>rd</sup> International Executive Council (IEC) at its meeting held in Adelaide on 28 June 2012.

In the same Resolution IEC-3/63 a Special Committee was set up to look into the proposed amendments to the Constitution and By-laws in the light of granting Direct Membership in ICID and other decisions which have already been taken by IEC in the past, but have not been incorporated in the By-laws& Constitution have also been included.

**The terms of reference of the Special Committee**

As a follow-up of IEC’s decision, the Management Board at its virtual meeting dated 22 August 2012, has decided to constitute the Special Committee to review the ICID Constitution and ICID By-laws. The composition of the Special Committee is as follows:

- |       |                                     |   |                  |
|-------|-------------------------------------|---|------------------|
| (i)   | PH Peter Lee (UK)                   | - | Chair            |
| (ii)  | VPH Larry Stephens (USA)            | - | Member           |
| (iii) | VP Gerhard Backeberg (South Africa) | - | Member           |
| (iv)  | VP Chaiwat Prechawit (Thailand)     | - | Member           |
| (v)   | SG Avinash C. Tyagi                 | - | Member-Secretary |

The Terms of Reference (ToR) of the Special Committee are to review the ICID Constitution and ICID By-laws:

- (a) To include all relevant policy decisions taken by the Executive Council from time to time in the Constitution or By-laws as appropriate;
- (b) To reconcile any differences that might have arisen due to piecemeal amendments to the Constitution and By-laws;
- (c) To include suitable amendments (or additions) to the By-laws to include provisions for the procedure to appoint statutory auditor and other related financial issues;
- (d) To incorporate procedures as presently laid down in the Guidelines;
- (e) To incorporate decision of the IEC with regard to functioning of ICID workbodies, and
- (f) To review various provisions in the By-laws with reference to the latest means of communications and other developments, particularly with respect to By-laws 5.9.4 and 6.3, and suggest suitable changes.

**Main Changes**

**Constitution**

Both in the constitution and the related By-laws, a number of the changes related to financial aspects have been incorporated based on the recommendations of the sub-committee of PFC set up under the chairmanship of VPH and Chair of PFC Dr Nairizi that considered the recommendations of PCSO during 63<sup>rd</sup> IEC, in so far as they concerned the financial aspects. In so far as the Constitution is concerned, there are minor changes in terms of re-arranging the text, introducing the provision for Forum, etc. The changes that can be termed as significant are:

**Annex 2 [IEC Item 7, Para 17]**

- (i) Renaming 'deemed inactive National Committees' as "Associate Members" (Art 4.4 and 11.4)
- (ii) Modifying the nomenclature of direct members (Art 5)
- (iii) Induction of SG Honoraire into the MB (for one year) (Art 8.1)
- (iv) Defining the fiscal year (Art 11.7)

The proposed changes to the constitution to be considered at the 64<sup>th</sup> IEC meeting are given in **Annex 2A**.

### **By-laws**

Some of the significant changes in the By-laws are:

- (i) Method of fixing the Seniority of VPs (By-law 2.8)
- (ii) Financial obligations of host National Committees of various ICID events (By-law 5.9 and 7.4)
- (iii) Changes in distribution mechanism of transactions of Congress/Forums (By-law 5.10.2)
- (iv) Appointment of Statutory Auditor (By-law 7.3)
- (v) Defining the financial year

In addition there are a number of other changes such as shifting the entire para, splitting or merging more than two paras etc., which are mainly incorporated for better reading and are clearly shown in track change mode. The parts that are discarded have been struck out and the new text added is shown in red. Wherever there are changes, appropriate comments have been incorporated suitably. The proposed changes to the By-laws to be considered at the 64<sup>th</sup> IEC meeting are given in **Annex 2B**.

### **Handbook of Procedures** (*placed separately*)

The Handbook of Procedures, referred to in the amended Constitution and By-Laws, is proposed to bring together variables and details which are ancillary to the By-Laws, and which need to be adjusted from time to time (e.g. parameters for the different types of direct membership) or are of a more advisory nature (e.g. Guidelines for Meetings). Material in the Handbook will still be subject to decision by Council, but not to the more lengthy procedures for amendment of the Constitution or By-Laws.

We would like to make it clear that the handbook is not part of the By-Laws (or even less, the Constitution) but a compilation of variables and details already decided by Council where we can keep track of them, to be recognized as such in the amended Constitution and By-Laws. In this regard acceptance of the proposed amendments of the Constitution and By-Laws will approve the concept of having a Handbook for this purpose.

The benefit of the Handbook will be to compile the separate decisions of Council (some of which have never been brought together before) and reduce the need to refer back to past IEC minutes to find out what has been decided. In this regard each section or procedure in the Handbook refers to the relevant decision of the IEC. Review of this content will be managed through the established channels (mainly PFC, PCTA and PCSO recommendations) when issues arise, rather than through periodic review of the document as a whole.

The references to the Handbook in the By-Laws imply that it is going to be made available for a general use by those concerned with the management of the Commission, its membership and events. It is therefore, a publication like the minutes, which can be circulated in draft and approved or amended on the basis of comments received, in the same way the minutes are approved.

### **Recommendations**

The Special Committee recommends that the concept of "Handbook of Procedures" be accepted and the drafts of Constitution and By-laws as proposed in **Annex 2A and Annex 2B**.



## CONSTITUTION<sup>1</sup>

### ARTICLE (1)–PREAMBLE

- 1.1 The International Commission on Irrigation and Drainage is established as a Scientific, Technical, Professional, and Voluntary Not-for-profit Non-Governmental International Organization (NGO-ONG), dedicated, inter alia, to enhance the world-wide supply of food and fibre for all people by ~~improving environment, water and land management~~ the **management of water, land and the environment**, and the productivity of irrigated and drained lands through the application of irrigation, drainage and flood management techniques.
- 1.2 In the text of this Constitution, the International Commission on Irrigation and Drainage is referred to as the Commission or as ICID (CIID in the French version) and among international authorities, as ICID (CIID).

### ARTICLE (2) – OBJECTS

#### Mission

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

#### Scope

- 2.2 The Commission in achieving its mission may consider the following objectives:
- (a) Planning, financing, socio-economic and environmental aspects of irrigation, drainage, and undertakings for the reclamation and improvement of lands as well as the design, construction and operation of appurtenant engineering works including dams, reservoirs, canals, drains and other related infrastructure for storage, conveyance, distribution, collection and disposal of water.
  - (b) Planning, financing, socio-economic and environmental aspects of schemes for river training and behaviour, flood management and protection against sea water intrusion of agricultural lands as well as the design, construction and operation of appurtenant works, except such matters as relate to the design and construction of large dams, navigation works and basic hydrology;
  - (c) Research and development, training and capacity building in areas related to basic and applied science, technology, management, design, operation and maintenance of irrigation, drainage, flood management, river training improvement and land reclamation.
  - (d) Facilitation of international inputs required by the developing countries, particularly the low income countries lagging in the development of irrigation and drainage;
  - (e) Promotion of the development and systematic management of sustained irrigation and drainage systems;
  - (f) Pooling of international knowledge on the topics related to irrigation, drainage and flood management and making it available worldwide;
  - (g) Addressing international problems and challenges posed by irrigation, drainage and flood-~~control~~ **management** works and promoting evolution of suitable remedial measures;
  - (h) Promoting savings in use of water for agriculture;
  - (i) Promoting equity including gender equity between users and beneficiaries of irrigation, drainage and flood management systems;
  - (j) Promotion, preservation and improvement of soil and water quality of irrigated lands.

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<sup>1</sup> Proposed changes in the Constitution to be considered at 64<sup>th</sup> IEC Meeting, Mardin, Turkey, 2013

- 2.3 The Commission will accomplish its mission by:
- (a) exchanging information amongst its Member National Committees and direct members in particular and with all stakeholders in general;
  - (b) holding periodical congresses, forums and meetings, and sponsoring of conferences, symposia, workshops, exhibits, training and study tours;
  - (c) organizing studies and experiments;
  - (d) publishing research journals, conference proceedings, reports, guidelines for best practices, books, documents, audiovisual and electronic media materials;
  - (e) publishing special or any other publications including newsletters, bulletins, periodicals, pamphlets, posters, magazines, teaching and extension aids and literature for informing the world community at large about the developments associated with irrigation, drainage and flood control **management**;
  - (f) cooperating with other national, regional and International Organizations, whose interests and activities are related to the mission of ICID, and
  - (g) taking such other measures as may be considered necessary within its field of activities.

### **ARTICLE (3)– MEMBERSHIP**

#### **Basis of Membership**

- 3.1 ICID consists of National Committees (Article 4) of the Member Countries, on the basis of one National Committee for each such country. Professionals, individuals and officers of government or of an institution or institutions - government and non-government; and companies, effectively representing interests within the scope of the objects of the Commission may participate in ICID activities through membership of the respective National Committees in accordance with its constitution.
- 3.2 Any geographical area independently administered by a sovereign government and having interest in the activities of the Commission shall be eligible to participate in the activities of the Commission. Accordingly, in exceptional cases, the Council may, having regard to the coexistence of separate sovereign geographical areas or countries, accept the representation of the sovereign parts of a country by separate National Committees. In the case of a federal system of government, or similar set-up, only one National Committee shall be recognized for membership in ICID.
- 3.3 Individuals, institutions and companies from those countries that are not a Member of ICID, or those countries where the constitution of the National Committee does not have provision for the participation of individuals, institutions or companies, can become a direct member (Article 5) of ICID, provided they abide by the constitution of ICID.

#### **Application for Membership**

- 3.4 In applying for membership, any constituted National Committee or potential direct member must unreservedly signify its acceptance of the Constitution and By-laws of the Commission, and justify its claim to admissibility. A National Committee must give proof of its representative character by documenting participation of the various disciplines and institutions involved in the development and management of irrigation, drainage and flood management within the country.
- 3.5 The form in which such application must be made shall be determined by the **International Executive Council** in accordance with the By-laws(Article 12.4) or rules and/or other provisions of this Constitution.

#### **Acceptance by the Council**

- 3.6 The Council shall consider applications for admission to membership of ICID received in accordance with the Constitution and By-Laws. It reserves the right to accept or reject any such application for admission without assigning any reason therefor.
- 3.7 After the application has been made in accordance with the Constitution and By-Laws, the International Executive Council (IEC) shall decide if the application of the National Committee representing the Country is to be accepted and if so, shall determine the name of the National Committee as well as its annual subscription.

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

#### **ARTICLE (4) – NATIONAL COMMITTEES**

##### **Composition**

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

##### **Responsibilities**

- 4.2 Each National Committee and direct member shall cooperate with, and assist the Commission in promoting its mission and objectives. It shall also encourage the collaboration or cooperation of allied disciplines and institutions within the country to promote the mission and objectives of the Commission in a manner best suited to the circumstances of each country.
- 4.3 Each National Committee shall transmit a copy of its constitution and of modifications made thereto from time to time to the Central Office (Article 8.2) of ICID.
- 4.4 A member National Committee which fails to fulfill its obligation under Article 11, shall be referred to as "Associate Member".

#### **ARTICLE (5) – DIRECT MEMBERS**

- 5.1 Direct membership of the Commission may comprise:
- (a) Individuals Members (~~regular, young professional, retirees~~);
  - (b) Corporate Members (~~Companies (classified according to the annual gross turnover)~~); or
  - (c) Institutions al Members (~~classified according to the number of employees; private institutions shall be classified as Company~~)
- 5.2 The classification of the direct membership categories shall be determined, and modified as necessary from time to time, in the By-Laws.
- 5.3 Direct membership shall be open to any individual, institution or companies that meet the criteria of articles 3.3 and 3.4. In addition to individuals, direct members may comprise government and non-government institutions; technical, scientific and educational organisations; and private companies or private institutions/organisations with interests in and desirous of promoting and furthering the mission and objectives of the Commission.

##### **Responsibilities**

- 5.4 Each direct member shall cooperate with the National Committee in the home country, as identified in the application form, where a National Committee exists.
- 5.5 Under exceptional circumstances, such as described in the By-Laws and amended from time to time as required, the IEC may allow Direct Membership in deviation from article 3.3.

## ARTICLE (6) – INTERNATIONAL EXECUTIVE COUNCIL

### Definition

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

### Role

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

*{Comment: The Article 6.2 has been split for better reading, as three different issues are being dealt with. The sentence regarding function of Central Office is shifted to Art 8.2}*

### Composition

- 6.3 The Council shall consist of the Office-Bearers, as hereinafter mentioned, and one duly appointed representative from each member National Committee, other than ~~those deemed to be inactive~~ **the Associate Member (Article11)**. Such member National Committees, acting autonomously, may change its representative at any time it may desire. The appointed representatives of the member National Committee and the Office-bearers attending a meeting shall constitute the membership of the Council for that meeting.
- 6.4 A National Committee may send more than one representative to a meeting of the Council, but each National Committee shall be entitled to one vote only. No Office-Bearer (past or present), unless acting as the representative of a National Committee, shall have any vote except that the President shall have a casting vote.
- {Comment: The last sentence of the para has been shifted as 6.8 (A)}*
- 6.5 Any National Committee which will have no representative at a meeting of Council may submit any matter in writing to the Secretary-General for consideration by the Council; this shall be read at the meeting but shall not be deemed to constitute a vote at the meeting except when the Council may decide in any particular case.
- 6.6 Former Presidents, Vice-Presidents and Secretaries-General of the Commission are respectively called Presidents Honoraire, Vice-Presidents Honoraire, and Secretaries-General Honoraire. They shall be privileged to take part in the meetings of the Council after their terms of office have expired, but will not be eligible to vote in addition to their respective National Committees.
- 6.7 Direct members can participate in the meeting of the Council but will not be eligible to vote.

### Decisions

- 6.8 The Council shall set up such committees, work groups, task forces, and other work bodies as it may consider necessary for the performance of such functions or implementation of such of its policies or decisions as it may desire and may make such specific delegation of its powers to each of them as it may deem desirable.
- 6.8(A) Decisions by the Council shall be taken by a simple majority of those present and voting, except when otherwise specified in this Constitution.**
- 6.9 In the interest of furthering the mission and objectives of the Commission, the Council may take all such action as it may consider necessary within the framework of this Constitution.

## **Annual Meeting**

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

## **ARTICLE (7) – OFFICE-BEARERS**

### **Composition Definition**

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

### **Election of President and Vice-Presidents**

- 7.2 Election of Office-Bearers with the exception of the Secretary-General shall be by majority vote of the members of the Council present when the election takes place.
- 7.2.1 The Council shall frame such By-laws as it may deem necessary laying down the procedure for the elections, including that for determining the relative seniority of Vice-Presidents.
- 7.2.2 Not more than one of the ten offices (One President and nine Vice-Presidents) shall be held by any one country at one time.
- 7.2.3 Except as provided in Article 7.3.1, the President shall be elected at the Council meeting taking place concurrently with a Congress and shall take office at the conclusion of the Congress and its adjunct study tours. The term of office of the President shall be three years, which period, for the purpose of this Article, shall be the period from the end of one Congress to the end of the next Congress.
- 7.2.4 The term of office of each of the nine Vice-Presidents shall be for duration of three years. For the purpose of this Article, a term shall commence at the conclusion of the Executive Council meeting and its appurtenant study tours during which the election was held and terminate at the conclusion of the third ordinary Executive Council meeting and its appurtenant study tours. In case this third Executive Council meeting is held at the time of the Congress/**Forum**, then the term of office shall expire at the conclusion of the Congress/**Forum** and its appurtenant study tours. A special meeting of the Council shall not affect the term of office.
- 7.2.5 A President or a Vice-President shall hold office for only one full term of three years, not counting for this purpose any appointment and its term under Article 7.3 for part of a term. This rule shall not, however, come in the way of election as President of any person who may be Vice-President or has held this office at any time earlier.

### **President Incapacitated**

- 7.3 In the event of the President being temporarily incapacitated, the most senior Vice-President shall perform the functions of the President during the continuance of such incapacity until the next ensuing meeting of the Council when the position shall be reviewed by the Council.
- 7.3.1 Should the President die, become permanently incapacitated or resign during his period of office, the first Vice-President, failing whom the second Vice-President, failing whom the third Vice President, and so on in order of seniority, shall perform the functions of the President until the next ensuing meeting of the Council when the Council shall fill such vacancy.

### **Vice-President Vacancies**

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



### **Irregularity of Appointment**

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

### **Appointment of Secretary-General**

- 7.6 **Nomination:** The Secretary-General shall be nominated by the President, acting as Chairperson of the Management Board, and appointed by the Council.
- 7.7 **Term of Office:** The term of office of the Secretary-General shall normally be three years unless otherwise specified by the Council and shall normally commence at the beginning of the calendar year, or otherwise expressly stated in the appointment letter. As far as possible, the term of the office of the Secretary-General shall be such that it shall not end at the same time as the term of the President. The incumbent Secretary-General may be re-nominated for reappointment to a second consecutive term. Only under special circumstances may the Secretary-General be re-nominated to a third term.
- 7.8 **Conditions of Appointment:** The conditions and terms of appointment of the Secretary-General shall be defined by the President, acting as Chairperson of the Management Board. ~~The President, acting as the Chairperson of the Management Board shall make arrangements for the continuance of functions should the Secretary-General be unable to perform his/her duties.~~

*{Comment: It is a duplicate sentence and appears in Art 7.9}*

### **Secretary-General Incapacitated**

- 7.9 Should the Secretary-General become temporarily incapacitated during his/her term of office, the President, acting as Chairperson of the Management Board, shall arrange for the carrying out of the functions of the Secretary-General during the continuance of such incapacity until the next ensuing meeting of the Council when the position shall be reviewed by the Council.
- 7.10 Should the Secretary-General become permanently incapacitated, resign or die during his/her term of office, the President, acting as the Chairperson of the Management Board, shall arrange for the carrying out of the functions of the Secretary-General until a new Secretary-General is appointed by the Council.

### **Notification to Banks**

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

### **Delegation of Powers by Council**

- 7.12 The Council may delegate, from time to time, such specific function, or functions and/or powers and rights, as it may find expedient, to the President of the Commission, in addition to the normal duties of the President as described in Article 7.15. The President shall be the Presiding Officer at a Congress/**Forum** and at all meetings of the Council. The Management Board may suggest an appropriate person to the host Organizing Committee to conduct the different technical sessions organized in conjunction with a Congress/**Forum**, conference or annual meeting of the Council.
- 7.13 The Council may delegate such of its powers to the Secretary-General, or to a serving Vice-President, as it may deem desirable from time to time.

### **Absence of President**

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

### **The President: Responsibilities**

- 7.15 The President is the highest officer of ICID elected by the International Executive Council. The duties of the President shall include, but not be limited to the following duties subject to the provisions of the Constitution and By-laws:
- (a) Chair meetings of the Council
  - (b) Chair the Management Board
  - (c) Chair the Office-Bearers Committee
  - (d) Chair the Staff Committee of the Central Office
  - (e) Nominate the Secretary-General
  - (f) Nominate / Appoint the Chairpersons of Permanent Committees
  - (g) Designate specific duties to the Vice-Presidents
  - (h) Invite nomination from Member National Committees for the position of President and Vice Presidents.
  - (i) Represent ICID in international fora
  - (j) Review the finances and budgets of ICID
  - (k) Promote ICID internationally
  - (l) Undertake any other duties assigned by the Council

### **Secretary-General: Responsibilities**

- 7.16 The Secretary-General shall be responsible for the conduct of all administrative and financial business of ICID, for the preparation of the agenda of all meetings of the Council and for the record of minutes thereof. He/She shall exercise overall supervision of all activities connected with the Congresses, Forums and other meetings of ICID and also such other powers and rights as may be delegated to him by the Council and/or the President in the interest of the Commission.
- 7.17 The Secretary-General shall also be the Treasurer of ICID and shall report annually, and at such other times as the Council may direct, on the accounts of the Commission. He/she shall also prepare and submit to the Council, for its approval, annual budget estimates of the receipts and expenditure.
- 7.18 In addition to other duties outlined herein, the Secretary-General shall be directly responsible for the promotion of ICID, for the development and maintenance of relationships with international organizations, and for carrying out studies and promoting good policies for irrigation and drainage practices worldwide. ~~The Secretary General shall exercise overall supervision of all activities connected with the Congresses and other meetings of ICID and also such powers and rights as may be delegated to him by the Council.~~

*{Comment: It is a duplicate sentence and appears in Art 7.16 above}*

## **ARTICLE (8) - MANAGEMENT**

### **Management Board**

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

### **Central Office in New Delhi**

- 8.2 The Central Office of the Commission shall be located in New Delhi, India, and shall be maintained under the general supervision of the Council Secretary General and under the immediate direction of the President. ~~The Central Office of ICID shall act as an instrument for carrying into effect all decisions taken by the Council.~~

### **Administration of Central Office**

- 8.3 A Staff Committee headed by the President, and with other members as designated by the Management Board, shall review and reformulate the work procedures and the staff structure in the Central Office in keeping with the changing requirements of the Commission and advise the Secretary-General on the functioning of the Central Office.
- 8.4 Attached to the Central Office, shall be a Secretary-General of ICID, and such staff, including professional(s) as may be approved by the Staff Committee to carry out the work of the Central Office.~~(staff appointed on a temporary basis for a duration of not more than six months need not be approved by the Staff Committee).~~
- 8.5 The Secretary-General shall appoint and supervise the staff of the Central Office within the budget provision and in keeping with the directions issued by the Staff Committee from time to time.
- 8.6 The Secretary-General shall establish such rules, including ICID Contributory Provident Fund Rules, and procedures as may be considered necessary, for governing the staff and for the proper functioning of the Central Office in consultation with the Staff Committee. He/She shall also establish rules for delegation of such powers as may be deemed desirable in the interest of ICID and bring them to the notice of the Staff Committee.

### **Documents**

- 8.7 The Central Office shall issue a Journal, or Bulletins and Newsletters and such other periodic communications containing news about, and short articles on: projects; technical articles; and information on new research findings and about new practices, in the field of activities of ICID. The Central Office shall also issue such other periodicals, pamphlets, magazines, and/or special publications as may be desired or approved by the Council. The arrangements for financing the periodicals and special publications shall be determined by the Council.
- 8.8 The Central Office shall compile information, develop documents, and publish an annual report on the work of the Commission.
- 8.9 The Central Office shall also carry out studies, tests, surveys, research, and experimental work as may be approved by the Council and reports there on shall be distributed to Member National Committees and direct members as decided by IEC.
- 8.9 (A) The Central Office shall prepare the agenda and the proceedings of all meetings of the Council and the Management Board, the Permanent Committees of the Commission and the Staff Committee.  
*{Comment: Art 8.9 has been split into two paras}*
- 8.10 The Central Office shall arrange interchange of documents and other information among Member National Committees and direct members, and do all such acts as may be directed or approved by the Council to promote the objectives of the Commission.

### **Library**

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

### **Civil Matter Representation**

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

## **ARTICLE (9) – TECHNICAL SESSIONS**

### **Congress/ Forum**

- 9.1. The Council shall from time to time arrange Congresses, Forums, Conferences and/or workshops and meetings, including Special Sessions, Symposia and Seminars, for the presentation of papers or reports and for general discussion of matters within the scope of activities of the Commission.
- 9.2. Congresses and Forums, including, if desired, Special Sessions, Symposia or Seminars shall be held at such a place and date as may be determined by the Council.
- 9.3. The Council shall determine the questions or themes for discussion at a Congress or Forums. The Council shall enact By-laws or rules covering the presentation of papers to, participation at, and conduct of, Technical Sessions.

### **Resolutions at Congress/ Forum**

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

### **Working Languages**

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

### **Transactions and Proceedings**

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

### **Regional Meetings**

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

## **ARTICLE (10) – COOPERATION WITH INTERNATIONAL ORGANIZATIONS**

### **Participation in ICID**

- 10.1. In consultation with the Management Board, the Central Office may invite representatives of such other interested international or regional organizations as it may deem fit to its Congresses, Forums, Symposia, Special Sessions, Seminars, and Committees dealing with ~~technical~~-related matters.
- 10.2. The Council may decide to grant the status of Permanent Observer to the representatives of international organizations, scientific societies, development agencies, international financial institutions and U.N. agencies for the meetings of the International Executive Council of ICID and/or for the meetings of its regional groups and Permanent Committees.
- 10.3. Representatives of international organizations may also be invited, with the approval of the Council, to work as members of the temporary work bodies established by the Commission.
- 10.4. The concessions or facilities to be given to the Permanent Observers, if any, shall be determined by the Council.

### Joint Meetings

- 10.5 The Council may arrange with other international organizations to hold joint meetings, conferences and deliberations or to carry out jointly with them activities, studies, surveys and investigations, on subjects within the scope of activities of ICID. The financial and other arrangements for these joint activities shall be as may be agreed upon between representatives of ICID and the international organizations and approved by the Management Board.
- 10.6 The Commission may, with the approval of the Council, enter into formal memorandum of understandings with other international organizations to develop collaborative arrangements for international work.
- 10.7 The Commission may also participate in the work of the prestigious international bodies, which may be established for more comprehensive management of water resources, other natural resources and the environment.

### Work at Cost

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

## ARTICLE (11) – DUES, SUBSCRIPTIONS AND FUNDS

### Annual Subscriptions

- 11.1 In order to defray the cost of the activities of the Commission or for special purposes, the Member National Committees and direct Members shall regularly pay to the order of the Secretary-General annual subscriptions (in as near the beginning of each calendar year as may be possible) on the basis pre-determined by the Council. National Committees of Member countries and direct members shall also pay such other special subscriptions as may be determined by the Council.
- 11.2 ~~In case of non payment of annual subscription by a National Committee or Direct Member, for a period of time which the Council may, in its discretion, consider appropriate in the particular case, the Council may decide that National Committee is deemed to be inactive in its membership of ICID, provided that before reaching such decision the Council shall have given an opportunity to the National Committee to clear the arrears of subscription by a date to be specified. The Commission shall make rules to deal with the cases of non-payment of annual subscription by Member National Committees and the direct members.~~

*{Comment: The deleted part has been shifted to By-law 13.2.1}*

- 11.3 Any National Committee which has not paid its annual subscription for two consecutive years shall cease to be eligible thereafter from holding any office - whether it be as Office-Bearer or as Member of an ICID work body, as the case may be, until such time as the arrears be paid.
- 11.4 Furthermore, any National Committee which is in arrears of annual subscriptions for three years or more shall ~~be relegated to 'Associate Membership'. Such Associate Members, in addition, to the provisions in Art 11.3 above shall have no right of voting at a meeting of the Council and shall cease to be eligible to receive any document or report of the Commission and shall have no right of voting at a meeting of the Council and shall be deemed to be inactive and consequently withdrawn from membership of ICID, unless the Council in exceptional circumstances decides by simple majority vote to waive or postpone the application of these sanctions.~~

### Registration Fees

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

### Funds

- 11.6 The Central Office shall be authorized to receive and to handle as funds of the Commission, any subscription, subvention or gift that may be made in the general interests of the objectives of the Commission, or for specific research, special investigation or experimental work; and it may arrange, under general authority given by the Council, cooperative research, investigations or experimental work

with other international organizations, properly qualified institutions, governmental or private, or with technical societies or associations.

### **Financial Management**

~~8.7~~11.7 The fiscal year of ICID shall be from 1<sup>st</sup> April to 31<sup>st</sup> March of the following year. Each year the Council will approve the budget for the following fiscal year.

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

*{Comment: Art 8.9 and Art 8.7 have been merged together}*

~~8.8~~11.8 The Secretary-General shall select, with the approval of the Council, a Bank or Banks for depositing the funds of the Commission. He/she shall receive all subscriptions and other monies due to the Commission.

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

~~8.4~~11.10 If the Council meeting is not due to be held before March 31, the Secretary-General shall, by the end of February, submit to the Chairperson of the Management Board for approval, budget proposals for the year and may incur expenditure for the year from April 1, in accordance therewith, or as may be modified by the Management Board.

~~8.4~~11.11 The accounts of ICID shall be audited regularly in a manner to be determined by the Council.

### **ICID is Not-for-Profit**

11.712 ICID is neither a profit-sharing or profit-seeking body nor a commercial organization. The income and property of ICID shall be applied solely to the promotion of the non-profit objectives of ICID as set forth above and no portion thereof shall be paid or transferred directly or indirectly by way of dividend, bonus or otherwise however, by way of profit to members of the Commission provided that nothing shall prevent or preclude:

- (a) payment of compensation to the full time Secretary-General as may be determined by the President, acting as Chairperson of the Management Board;
- (b) payment of remuneration to the professional(s) and staff of ICID for services rendered;
- (c) reimbursement of actual expenses incurred by any Office-Bearer at the specific request, or under a standing approval, of the Management Board;
- (d) reimbursement of expenditure incurred by any individual or organization on a specific request made by the Central Office relating to activities, and/or for furthering the causes of the Commission; and
- (e) payment of honorarium to any individual(s) for duly authorized services rendered to the Commission relating to the activities, and/or furthering the cause, of the Commission.

### **No Claims by Member after Withdrawal**

~~11.8~~11.13 Any National Committee which has withdrawn from, or otherwise ceased to participate in ICID shall not have any claim on its funds, assets or services.

### **Rejoining Payment**

~~11.9~~11.14 Any ~~country or~~ Associate Member or direct member which ceased to be a member of ICID, because of non-payment of its annual subscriptions may rejoin on payment of its outstanding subscriptions, or such sum as the Council may decide.

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

### **Amendment to Constitution**

- 12.1 Amendments to this Constitution may be proposed by any National Committee or by the Secretary-General, provided that these proposals shall be made in writing and shall be referred to a Special Committee to be appointed pursuant to the Constitution. And in course of consideration of these proposals the Special Committee may also suggest further modifications as deemed necessary.
- 12.2 The delegated officers of the Special Committee shall prepare a report to be circulated by Central Office to the Member National Committees at least two months prior to that meeting of the Council on the agenda of which the amendment(s) to the Constitution proposed by it is/are to be placed. Adoption of an amendment to the Constitution shall require an affirmative vote of two-thirds of all the members present at the Council meeting.
- 12.3 Whilst considering/processing any such amendments, if the said Committee feels necessary to amend/modify/alter, add or revoke any By-laws, then the Special Committee shall, on consulting the President or the Secretary-General, take appropriate steps in this regard in the light of Article 12.2 thereof.

### **By-laws Enactment**

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

### **By-laws Adoption and Amendment**

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

## **ARTICLE (13) – DISSOLUTION AND LIQUIDATION**

### **Dissolution**

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

### **Liquidation**

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



## BY-LAW<sup>2</sup>

### BY-LAW (1) – PREAMBLE

- 1.1 **Enactment of By-laws:** These By-laws have been enacted by the International Executive Council for the due implementation of the provisions of the Constitution of the International Commission on Irrigation and Drainage. The words and expressions defined in the aforesaid Constitution will have the same meaning in these By-laws.
- 1.2 **Changes of By-laws:** The Council shall have powers from time to time to add, repeal, amend or vary all or any of the By-laws as they shall think expedient or fit for the management of the affairs of the Commission, or implementation of the powers of the Council, under the Constitution. The By-laws shall not be inconsistent with the Constitution of the Commission.

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

- 2.1 **Office-Bearers Committee:** All Office-bearers, Presidents Honoraire, Vice-Presidents Honoraire and Secretaries-General Honoraire, attending a Council meeting shall form themselves into an Office-Bearers Committee and meet informally prior to the meeting of the International Executive Council and, after considering all nominations made in accordance with By-law (2), make recommendations to the Council for filling the vacancies in light of the considerations listed in By-law (2.7). After considering the Committees recommendations the Council shall vote to fill the vacancies.
- 2.2 **Notification of Vacancies:** Seven (7) months before the date fixed for a Council meeting, the Secretary-General shall inform all National Committees of the vacancies in the office of the President and Vice-Presidents that will exist at the time of the meeting. This intimation may be accompanied with a statement showing, inter-alia, the names of the countries which have held these offices in the past.
- 2.3 **Nomination by National Committee:** Should any National Committee so desire, it may submit its nomination (in a manner prescribed by the Council) to be received at the Central Office, at least four (4) months before the date of the Council meeting, accompanied by a statement of substantiation and the curriculum vitae or detailed particulars and qualifications of the nominee, who must be a national of the same country together with the grounds for the recommendation for the pertinent position. Nominations received in the Central Office, vide By-laws (2.3) and (2.4), shall be shown in the agenda of the Council meeting. In the case of postponement of a Council meeting, nominations received four (4) months in advance of the Council meeting shall be considered even if they are not shown in the Agenda.
- 2.4 **Nominee Statement:** With the nomination in the prescribed form the National Committee shall also furnish a written statement from its nominee as follows:

“My Government/Organization agrees to my nomination for the office of the President/Vice-President of ICID after taking into account the duties that the responsibilities of my candidature entail. If elected to the office, I will owe allegiance to the Constitution of the International Commission on Irrigation and Drainage and will, to the best of my ability, preserve, protect, defend and uphold this Constitution”.
- 2.5 **Nomination by President:** The President may, in consultation with the Secretary-General, invite any National Committee to submit a nomination for the vacancy in the office of the President or of a Vice-President. Such nomination in writing with complete curriculum vitae and other particulars as are hereinafter mentioned must be received in the Central Office at least one month prior to the effective date of the Council meeting at which it will be actually deliberated. In case of a postponed meeting it must be received at least one month prior to the actual date on which the Council meeting will be held.
- 2.6 **Nomination in Writing:** Only written nominations received in accordance with By-laws (2.3) and (2.5) shall make candidates eligible for seeking election and all such nominations and the relevant curriculum vitae of such nominees and their statements (By-law (2.4)) shall also be available to the Office-bearers Committee on standardized forms for review and recommendations. The National Committees concerned, and only those National Committees, may send the curriculum vitae to all other National Committees before the Council Meeting.
- 2.7 **Office-Bearers Recommendations:** The following shall, inter alia be the considerations to guide the Office-Bearers Committee in making its said recommendations to the Council for the election of the President and the Vice-Presidents:

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<sup>2</sup> Proposed changes in the ICID By-laws to be considered at 64<sup>th</sup> IEC Meeting, Mardin, Turkey, 2013



- (a) Subject to administrative and constitutional requirements, it is desirable that the ten offices (of the President and the nine Vice-Presidents) shall be distributed as equitably as may be practical between different geographical regions and among as many participating countries as possible. Thus, no country should hold more than one office (President or Vice-President) at one time, and no geographical region should normally hold more than its due proportionate number of the total number of offices including the office of President.
  - (b) The period for which the country of the nominee has been a member of the Commission, and the extent of interest its National Committee and/or its nominee has taken in the activities of the Commission. The nominee's activity both at the national and international levels besides the activities of the National Committee should be given prominence. ~~On the other hand, the sponsorship by the country of Regional Conferences, Council meetings or a World Irrigation Forum/ Congress does not necessarily add to the entitlement of the country's nominee.~~
  - (c) The general or special needs of ICID of persons qualified for developing its activities and the qualifications of the nominee for meeting such requirements. The overall interests of the Commission (the service it can render to the international community in its field of activity) shall always reign supreme.
  - (d) The time and effort the nominee has given in the past to the general affairs and functions of the Commission along with the nominee's likely future availability, time and effort and the likely particular assigned tasks.
  - (e) The national and international status and level of responsibility of the nominee.
- 2.8 Seniority of Vice Presidents:** The relative seniority of three Vice-Presidents elected each year shall be determined by the number of votes obtained by each. If there is no voting or the votes obtained are equal, then **the seniority shall be decided on the basis of the number of times the candidate has attended IEC meetings and related events. If this fails due to some reasons, the seniority shall be decided by** a draw of lots.
- 2.9 Nomination of Secretary General:** The President, acting as Chairperson of the Management Board shall make a nomination to the office of Secretary-General, at the Office-Bearers meeting and to Council.

### BY-LAW (3)– WORK BODIES OF ICID

#### General Scope

- 3.1 Setting-up:** In pursuance of Article 6.8 of the Constitution, the Council may set up work bodies of either permanent or temporary nature, for the performance of such functions or for a particular mission as deemed expedient for the promotion of the objects of the Commission.
- ~~**3.2 Approval of Documents:** The documents and conclusions emanating from such work bodies set out either in the form of work documents or of recommendations presented by the Chairperson on behalf of the body will be valid with the explicit approval of the Council with or without changes made thereto by the Council.~~
- {Comment: The Article has been moved to para 3.7}*
- 3.32 Types:** The work bodies may be constituted in the form of a:
- (a) Permanent Committee - where the duties are to be carried out in a repetitive manner over a long period and the outcome is required to be reported directly to the Council.
  - (b) **Board/Special Committee/Sub-Committee** where the duties are required to be carried out in a repetitive manner over a long period and the outcome is required to be reported to the Management Board and/or Permanent Committee.
  - (c) Working Groups constitute the key mechanism to accomplish the mission of ICID by providing the platform to carry out its objectives for pooling international knowledge, addressing international problems, facilitation of the international inputs required by the developing countries, exchanging information among National Committees.  
*{Changes in wordings of this paragraph to make its objective clearer}*
  - (d) Work Team **or a Task Team** can be set up where a short duration task (spread over a period of not more than three years) is to be completed by a select small group of individuals.

- (e) Task Force can be set up where a work of an urgent nature is required to be completed within a span of two years with a select group of individuals.
- (f) Focus Group/Regional Group -- where a continuous follow up of an area oriented activity is implied on a long term basis.

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

**3.4 Members of Work Bodies:**

The Working Groups shall comprise of **experts**/representatives nominated by National Committees from different regions of the world, and shall include any qualified expert or group of qualified experts, from various disciplines as appropriate. All such **nominations** ~~members, as well as alternates for them from the same National Committee,~~ shall be submitted to the Council for its consideration, approval or modification.

**For Work Team/ Task Team/ Task Force** the qualified experts may be proposed to the Council under request from the Chairperson of the work body or from the President in agreement with the Secretary-General. Direct members and observers may participate in the meetings of the work bodies ~~without being entitled to vote.~~

All members shall carry out their functions in ICID on an honorary basis.

**3.5 Limitation on Members:** The membership of the work bodies shall be on an honorary basis (at least so far as the Commission is concerned). No person shall be a member of more than three (3), work bodies not counting Office-Bearers Committee, Management Board or Staff Committee. Direct members shall be the members of not more than three (3) work bodies. Members of work bodies not contributing by their attendance/correspondence for two consecutive years shall be replaced **on the recommendations of the Chairman of the work body. For a wider representation of countries in a workbody, not more than two nominations from one country shall be accepted, provided one of the two nominees is a young professional.**

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

**3.7 Approval of Documents:** **The documents and conclusions emanating from such work bodies set out either in the form of work documents or of recommendations presented by the Chairperson on behalf of the body.**

**3.8 Permanent Committees**

**General**

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

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

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

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

- 3.8.5 The Secretary-General will be a member of the Permanent Committees and will advise on the overall functioning of these Committees. The President, apart from presiding over the Office-Bearers Committee and the Management Board, may participate in the meetings of any of the other Permanent Committees as an Observer.
- 3.8.6 Honoraire Office-Bearers willing to participate in the activities of work bodies may do so as Honoraire Members in addition to the regular members.
- 3.8.7 The Chairperson of a Permanent Committee may designate Rapporteur(s) from amongst members for reporting on the matters dealt with by the Committee.
- 3.8.8 Each Permanent Committee may itself elect its Vice-Chairperson, and its Secretary for drafting the minutes of its meetings.
- 3.8.9 When Rapporteurs and Secretaries are appointed to the Permanent Committees, the National Committees to which the Rapporteurs/Secretaries belong must undertake to provide the required secretaries/rapporteurs. At the end of the tenure, records of work should be passed on to the Central Office for future reference.

### 3.9 Role and Membership

- 3.9.1 The Council has constituted the following six (6) Permanent Committees and has fixed their overall role and membership as follows:
- 3.9.2 **The Office-Bearers Committee** shall compose of the Office-bearers in office and the Honoraire Office-bearers and will in general advise on all important questions concerning the policy, the orientations and the overall functioning of ICID. One of its primary duties is to make recommendations for filling the vacancies among Office-bearers, but the Council would still have the last word in the elections.
- 3.9.3 **The Management Board** is responsible, with the Central Office, for the implementation of the decisions made by Council and will decide such actions in between Council meetings as are necessary to properly effect the working of the Commission.
- 3.9.4 **The Permanent Finance Committee** (PFC) shall be concerned with the financial matters of the Commission and matters having significant financial implications to the Commission. It will review the receipts and expenditure, advise the Council on the previous year's accounts and on the proposed or provisional budget and will make recommendations on the annual subscriptions and other support required from the National Committees and the Direct members for the current and future years. It may give its opinion to the President and the Secretary-General on the elements to be taken into account to prepare budgets of the future years. The Committee shall also work out and recommend to the Council ways and means of improving the financial resources of the Commission to meet the financial requirements for undertaking different programs and activities emanating from the other work bodies. The Committee shall have a Sub-Committee to consider the applications of Direct members and review the membership of the National Committees in arrears of subscription.
- 3.9.5 The Permanent Finance Committee shall comprise the Secretary-General and a minimum of nine and a maximum of fifteen elected members. The Chairperson of this Committee shall be chosen at the Executive Council meeting either from among Office-Bearers (preferably those in offices) elected to this Committee or others who shall have been in service on the Committee at the time of appointment of the Chairperson.
- 3.9.6 **The Permanent Committee for Technical Activities** (PCTA) shall be concerned with all the technical activities including the issuing of all publications of ICID. It will be responsible for **making recommendation on the setting up of new Working Groups or continuation of the existing Working Groups under it**, the activities of the technical work bodies, for the selection of the Questions/Themes for the Congresses/**Forum**, Conferences, Special Sessions, Symposia, etc., for the settlement of the technical conclusions thereof and for making appropriate recommendations for action thereon. The Committee shall develop and maintain a 3-year rolling plan of activities for all its appurtenant Committees and work groups, teams, and task forces. It will monitor progress against this plan at each Council meeting.

3.9.7 The Permanent Committee for Technical Activities will be composed of the Secretary-General, a minimum of nine and a maximum of fifteen elected members, as well as ex-officio members. The Chairperson of this Committee shall be chosen at the Executive Council meeting either from among the Office-Bearers (preferably those in offices) elected to this Committee or others who shall have been in service on the Commission at the time of appointment of the Chairperson. The Chairpersons of the work bodies reporting to the Permanent Committee on Technical Activities (PCTA) shall be the ex-officio members of the Committee.

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

*{Para 3.9.8 has been split into two parts. Part of it goes to 3.9.9}*

3.9.9 The role and responsibility of the Strategy Theme Leaders shall be as follows:

- (a) To coordinate the activities of the Workbodies coming within the ambit of assigned strategy theme.
- (b) To suggest to PCTA new items of work that may be taken up by the existing workbodies.
- (c) To suggest formation of new Workbodies to study the hitherto uncovered aspects/issues relating to the particular strategy theme.
- (d) To recommend to PCTA inter- Workbody mechanisms on aspects/issues requiring joint study, and to facilitate such co-operations.

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

3.9.11 The Committee shall also monitor the progress of the regional activities undertaken by the focus groups/regional groups and activities of special membership categories like the Young Professional Forum, and regional associations and deal with the long-term policies and strategies of the Commission and the global or regional programs related with such objectives.

*{Earlier Article 3.9.10 has been split into two, 3.9.11 and 3.9.12 and their order reversed}*

3.9.12 The Permanent Committee on Strategy and Organization will be composed of the incumbent Vice-Presidents, the Secretary-General and three immediate past Vice-Presidents. The Chairperson of the Committee will be nominated by the President in consultation with the Secretary-General from amongst the incumbent Vice-Presidents. The Chairperson shall serve the Committee during the tenure of membership of this Committee.

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

3.9.14 **Special Committees**

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

*{Renumbering and shifting of earlier para 3.13}*

### 3.10 Temporary Work Bodies

- 3.10.1 Temporary work bodies **such as Working Groups, Work/Task Teams, Task forces, Focus/Regional groups**, may be established within a specific area of study consisting of members nominated as given in By-law 3.5 by the Executive Council in pursuance of Article (6.8) of the Constitution. Their mandate and composition shall be defined and modified as necessary by the Council. **Temporary Work Bodies are established with a clear mandate and with an objective to generate outputs to share with the irrigation experts beyond the work bodies themselves.**
- 3.10.2 The Council will determine the duration of their functioning and specify to which Permanent Committee the work body so created is to be linked. The duration of such functioning may be shortened or lengthened by the Council keeping in view the results accomplished by the work body after considering the recommendations of the concerned permanent committee. ~~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 period of six years.~~
- 3.10.3 The Committee, to which the temporary body is linked, may propose at the Council meeting a list of members to serve on the body on the basis of the nominations on request by the President in agreement with the Secretary-General. The members of the temporary work bodies by themselves designate their Chairpersons, Vice-Chairpersons and Secretaries.
- {Comment: Para 3.10.3 and 3.10.4 are merged here}*
- 3.10.64 The Chairpersons of the temporary work bodies will, in principle, be invited as ex-officio members to the meeting of the Committee or the Permanent Committee to which the work body is linked.
- 3.10.5 The Chairpersons of the temporary work bodies shall submit, reports on **the possible changes in the membership of the work bodies** and the activities of their work bodies including, if relevant, proposals for holding Workshops/Seminars to present their Group's findings, once a year at the meetings of the permanent committees **to** which the workbody belongs. The Chairpersons of the concerned Permanent Committees may present recommendations from these reports at the Council meeting.
- {Comment: The earlier 3.10.5. has been modified}*
- 3.10.76 The temporary Special Committee set up in pursuance of Articles 12.1 and 12.3 of the Constitution to recommend on the amendments of the Constitution and By-laws shall continue as an advisory link to the Office-Bearers Committee for a duration as deemed necessary by the Council.

### 3.11 Vice-Presidents' Role

*{Comment: Para 3.11.1 has been split into 3.11.1, 3.11.2, and 3.11.3 for clarity of reading and reference}*

- 3.11.1 Each Vice-President will be given responsibility by PCSO for a group of National Committees to foster and encourage their greater participation.
- 3.11.2 In addition, the President will allocate in consultation with the Secretary-General specific functions to the Vice-Presidents. Such functions may, inter alia, include relations with other international organizations, follow-up on the activities of work bodies in their regions and helping the Central Office in matters associated with National Committees in their region. Each Vice-President may be associated directly with a work body. The Chairmanship of the Regional Working Groups, as far as possible, should be assigned to a Vice President in the region.
- 3.11.3 Notwithstanding the generality of the foregoing, the Vice-Presidents may be assigned any of the following duties by the President:
- (a) Participate in the Permanent Committee on Strategy and Organization by proposing issues for consideration and contribute to the development of regional strategies and special programmes in irrigation and drainage.
  - (b) To act as the Strategy Theme Leader in accordance with the By-law 3.9.8.

- (c) **Have contact, meetings and if possible visit** and participate in the activities of National Committees in his/her region every year, review the setup of the National Committees, and guide them for evolving a broad-based structure as a Non-Governmental Organization.
- (d) Guide the National Committees in respect of their programmes for wider publicity of irrigation and drainage related issues and concerns through pamphlets /posters/exhibitions/ audiovisuals and media to reach the irrigation and drainage community at large.
- (e) Promote regional cooperation amongst the National Committees through developing regional collaborative programmes.
- (f) Promote international programmes in irrigation and drainage by/for the National Committees.
- (g) Represent ICID in international events taking place in his/her region.
- (h) Liaise with National Committees on above -mentioned items and other programmes/activities initiated by ICID.
- (i) ~~Visit and participate in the activities of National Committees in his/her region every year.~~

*{Comment: Various functions at (a) to (i) have been re-arranged}*

### **3.12 Council Designates**

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

### **3.13 Termination of Duties**

When any Committee or other workbody has completed specific work allotted to it, and has submitted its final report to the Council, it shall be deemed to have been discharged. When in like manner a National Committee has completed its work and made its final report to the Council, it shall be deemed to have been discharged of its functions in respect of the matter on which it has made its report.

## **BY-LAW (4)– INTERNATIONAL EXECUTIVE COUNCIL**

### **4.1 Agenda**

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

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

- (a) Report of the Secretary-General on the activities of the Commission since the preceding report and more particularly about the activities not covered by the Annual Report for the preceding year, published for the period ending December 31 of the previous year.
- (b) Consideration of the application for admission of new National Committees or Direct members to membership.
- (c) Financial statements for the preceding year, duly audited, and the proposed budget for the current year.
- (d) Consideration of the reports submitted by work bodies since the last Council meeting and the report and recommendations of the Management Board.
- (e) Agenda notes for the annual meeting of the Committees to be considered by the IEC.
- (f) Technical, administrative or constitutional matters proposed, for consideration by the Council, by the Special Constitution Committee by the National Committees, the Central Office, Office-Bearers, or any outside agency(ies).
- (g) Invitations received for venues of future Council meetings and congresses / WIF.
- (h) Election of Office-bearers.
- (i) Report and recommendations of the Management Board

- 4.1.3** At ordinary meetings of the Council **during the years where Congress and World Irrigation Forum are not held**, advantage may be taken by the host National Committee, should it so desire, to hold a discussion, on any specific technical subject of its choice and falling within the scope of activities of the Commission. No papers shall be invited for this discussion from other National Committees but the host National Committee shall provide to other National Committees and the Central Office two months before the meeting, a report on the subject, bringing out clearly the issues on which it would invite discussion.

#### **4.2 Minutes**

- (a) After a meeting of the Council, the Secretary-General shall ensure the preparation of the draft Minutes containing a gist of the important discussions and full texts of the decisions made and of the resolutions passed.
- (b) These draft minutes shall be circulated to the participants for confirmation, with or without corrections, within a period specified. Additions or alterations in keeping with the proceedings will be accepted at the discretion of the Secretary-General. In case of doubt or controversy the Secretary-General will resolve the differences on the basis of verbatim tape-recorded proceedings.
- (c) After the lapse of the specific period, the Secretary-General shall notify the participants of any amendments made to the draft Minutes. The amended Minutes will then be taken as the confirmed Minutes, which will be final and binding on the members.

#### **4.3 Annual Report**

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

### **BY-LAW (5) – PARTICIPATION IN AND INVITATION FOR A WORLD IRRIGATION FORUM (WIF) / CONGRESS OR A COUNCIL MEETING**

#### **5.1 Participation**

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

#### **5.2 Invitation**

- 5.2.1 A National Committee wishing to be host to a **WIF**, Congress or a Council meeting or Regional meeting/conference shall extend an invitation, addressed to the Council, well in advance of the scheduled year of the proposed **WIF** / Congress or the Council or Regional meeting/conference. In order to provide adequate time for the host National Committee to make appropriate arrangements, the venue of a Congress/**WIF** must normally be decided at least four years in advance and that of a Council meeting or Regional meeting/conference at least two years in advance. Invitation for a regional meeting/conference (which is not linked with the meeting of the IEC) shall be placed before the Council for consideration at least one year in advance.
- 5.2.2 A National Committee when extending an invitation for holding a Congress, **WIF**, Council, or Regional meeting in its country, should, after consulting its Government, intimate as to the accountability of participation of nationals of all countries. This will, inter alia, be an important consideration in determining the venue of a Congress, **WIF**, Council meeting, or Regional meeting/conference.
- 5.2.3 The normal meeting of the Council is always held in conjunction with and at the time of the Congress and **WIF**. The invitation for a Congress/**WIF** will, therefore, be understood to include also an invitation for that Council meeting.
- 5.2.4 A National Committee or a Direct member (Companies or Institutions) may extend an invitation, on its own initiative, or at the suggestion from a work body, for holding an international workshop, an international symposium or an international seminar on topics of current interest. Such proposal/invitation should be placed before the IEC for consideration.

### 5.3 Absence of Invitation

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

### 5.45 Invitation Pending

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

### 5.56 Rotation of Venues

At the meeting of the Council, only the venues of Congresses/WIF, Council, or Regional meetings/conferences shown in the agenda circulated for that Council meeting shall be considered. When considering the invitation received and those kept pending, if any, the Council shall, inter alia, keep in view the desirability of rotating the venues of the Congresses, WIF and Council meetings in different geographical regions and in different countries within each region.

*{Comment: Earlier para 5.4 and 5.6 have been merged}*

### 5.6 Invitation Upheld

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

### 5.7 Proposals for Hosting Arrangements

A host National Committee, whose invitation has been accepted by the Council for a Congress, WIF, Council or Regional meeting/conference will formulate its proposals for the exact dates, venue in the host country and detailed arrangements for the Congress, WIF or the Council or Regional conference, organizing an exhibition (if any), related study tours, and finalize these proposals, in consultation with the Secretary-General. The proposed general arrangements including the fee structure for a Congress/WIF and IEC meeting will require the approval of the Council. While preparing the proposal, the financial obligations of the host National Committee as provided in 5.9 may be kept in mind.

~~The detailed arrangements, including sequence of speeches, etc., for the Opening Session, Closing Session, and social functions, of that Congress shall be determined by the Secretary General and the host National Committee.~~

Fees to be charged for Congress, WIF, Regional Conference, International Workshop, International Seminar, etc. organized under the banner of ICID shall be determined by the Council while approving the proposals for the event.

### 5.8 Other Obligations of the Host National Committee

#### 5.8.1 Financial obligations for Congress, WIF and IEC meetings:

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



**5.8.2 For a Congress, WIF, and IEC meeting:** In addition to the requirements of rules as may be prescribed from time to time, the host National Committee will assume the following obligations:

- (a) A host National Committee shall provide and pay for local secretariat assistance required by the President, the Secretary-General and two of the Professional(s) of ICID during and immediately before and after the Congress/WIF and meetings of the Council and work bodies. The local secretariat shall include (1) services of stenographers and typists and/or word processor; (2) copying and distribution of documents; (3) simultaneous interpretation in French and English during the sessions of the Congress/WIF, Special Session, Symposium, Seminar and International Executive Council meeting; (4) provision of French and English interpreters during the whole period of the Congress/WIF, the Council and other meetings as well as the study tours; (5) expenditure on the purchase of audio/video recording devices. The host National Committee shall also bear the expenses of interpretation in any other language other than English and French, if required by the host National Committee.
- (b) The President, the Secretary-General and two (one in case of only IEC meeting) of the Professional(s) of the Commission (but not the members of their families accompanying them) shall be exempted from paying the registration fee.
- (c) One delegate each from international organizations participating in UN-Water, up to a maximum of five, as may be approved by the Council, when invited by the ICID Central Office, will be allowed to participate without payment of registration fee. Management Board shall review the list of invitees exempted from payment of registration fees every year and recommend to the Council appropriate changes as necessary.
- (d) Provide space for display of technical matters by the member National Committees, free of cost.
- (e) Provide fifty percent waiver in registration fee to five Young Professional (below the age of forty years) participating in the event.

*{Comment: Earlier para 5.9.1 and 5.9.2 have been merged, repetitions removed and some portions included in the Handbook of Procedures}*

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

## **5.9 Transactions of a Congress/Forum**

**5.9.1** Each participant in a Congress/Forum, and its adjunct technical sessions, is entitled to receive a set of pre-Congress/Forum Volume (Vol.) of the transactions containing the abstracts/papers for discussion at the Congress/Forum. ~~Since the commission functions in different participating countries through its National Committees, it is expedient that the Central Office, where the transactions may be printed, supply them to intending participants from each country through National Committee concerned.~~ The post-Congress/Forum Volume (s) (Vol.) of the transactions will be supplied after the Congress/Forum.

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

- (a) ~~Each National Committee and direct member (Company or Institution) shall inform the Central Office, as early as possible (preferably before the date of commencement of the printing of reports for the Congress and adjunct technical sessions) the number of sets of the transactions required for its use. The national Committees and direct member (Company or Institution) shall be responsible to the Central Office for the costs thereof.~~
- (b) The transactions shall be made available on the website as soon as they are finalized. As soon as the printed copies of the Transactions are ready, the Central Office shall send to each member National Committee, Corporate members and Institutional members two copies and each individual member one copy, for its record and use by surface mail.

*{Comment: The clause 5.9.2 has been revised making use of the web based distribution, instead of the snail mail}*

## **BY-LAW (6) – PUBLICATIONS**

### **6.1 Regular Publications**

Regular publications, as decided from time to time by the Council, should be financed by ICID (Article 8.13) while all other publications of the Commission including specific short reports on timely subjects of current interest and programs sponsored by the Commission shall ordinarily be self-supporting or paid for by a sponsor/s.

### **6.2 Special Publications**

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

### **6.3 Complimentary Copies**

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

- (a) All National Committees: subject to the provision of Article 11.4 of the Constitution, shall receive all regular and special publications
- (b) Direct members: shall receive one copy each of regular publications.
- (c) Host National Committee of a Congress/Forum: Ten sets of Transactions of the Congress/Forum including regularly scheduled Technical Session at Congress/Forum held along with it.
- (d) Office-bearers: A copy each of all publications.
- (e) Past Office-bearers except from those countries who have become Associate Member: A copy each of the ICID /Journal and other publications specifically requested. Unless renewed this commitment shall lapse after three years.
- (f) All members of Committees and Working Groups: As the Secretary-General may consider necessary based on the performance of the duties entrusted to them.
- (g) Authors of papers and articles: (i) Ten copies of preprints of their own papers submitted for the Articles published in the ICID Journal etc. (ii) A copy each of the ICID Journal in which the paper or article has been published.
- (h) Authors or editors/compiler of special publications: One copy of special publications to each.
- (i) General Rapporteurs and Panel Experts (Congress/Forum): One copy of the concerned Question/Theme Transactions.

### **6.4 Sale Price**

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

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

- ~~(a) The expected or reviewed cost estimate (including all materials, printing, Central Office expenses for designing/editing, postage, conveyance and other overhead or actual expenses chargeable to each publication);~~
- ~~(b) Recovering the full cost in a reasonable period of 4-5 years after supplying complimentary copies to the National Committees, Office bearers and others authorized by the Council;~~
- ~~(c) An additional percentage to cover longer than anticipated period of sales, it being the intention that any profit element should be avoided as far as practicable; and~~
- ~~(d) An additional fixed percentage for recouping of advance taken from Reserve Fund.
  - ~~• The percentage additions in Clauses (c) and (d) will be proposed by the Secretary-General and approved by the Council having regard to advice of the Permanent Finance Committee observations thereon.~~~~
- ~~(e) The sets of Congress/**Forum** Transactions, if available, after meeting the demand specified under By-laws 5.10.1, 5.10.2 and 6.3 may be sold after the Congress/**Forum**. The unit price shall be determined on the following basis:
  - ~~• National Committee: Central Office's share of registration fee plus 12 percent thereof~~
  - ~~• The Mailing Charges for dispatch of publication by the Central Office shall be payable by all except the Office Bearers and the National Committees~~~~

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

*{Comment: This whole para on how to fix price of publication is proposed to be shifted to Handbook of Procedures}*

## **6.5 Copyrights and use of ICID Logo**

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

## **BY-LAW (7) –FINANCE**

### **7.1 Currency**

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

### **7.2 Withdrawal from membership**

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

### **7.3 Appointment of Statutory Auditor**

**7.3.1 A Statutory Auditor, who should be a member of the Institute of Chartered Accountants of India (ICAI), shall be appointed by the International Executive Council for a period determined by it but not exceeding three years term subject to a maximum of two terms.**

- 7.3.2 If the Statutory Auditor ceases to hold the membership of the ICAI, his/her tenure of office as Statutory Auditor shall thereupon be terminated. The Statutory Auditor may not otherwise be removed during his/her tenure of office, except by the IEC.
- 7.3.3 Subject to any special direction of IEC or the MB, each audit which the Statutory Auditor is required to make shall be conducted in accordance with the Terms of Reference set out in the Annex to these rules. The Statutory Auditor shall be completely independent and solely responsible for the conduct of the audit.
- 7.3.4 IEC and the MB may request the Statutory Auditor to perform certain specific examinations and to issue separate reports on the results.
- 7.3.5 The Secretary General shall provide the Statutory Auditor with the facilities required for the performance of the Audit.

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

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

*{Comment: This clause has been included herein based on various decisions of the IEC in the past and the recommendation of the sub-committee of the PFC to consider PCSO recommendations. }*

#### **7.5 Financial Rules and Regulations**

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

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

#### **8.1 Guidelines**

The Council shall lay down guidelines on the conduct of Congress/Forum and other ICID events such as WIF, Regional Conferences, IEC meetings including its technical sessions, special sessions, workshops, symposia and seminars and made available as part of the Handbook of Procedures. The guidelines shall be updated from time to time by respective work bodies of ICID and in keeping with Article (9) of the Constitution.

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

#### **9.1 Form Attached**

The form of application to be submitted by the countries desirous of becoming a member shall be as determined by the Council and set out in the Handbook of Procedures. It must be filled in and signed by the Chairperson of the National Committee (if formed) or the competent authority of the Government,

prescribed by the Council. The Council may, in its discretion, entertain an application submitted by a well-known technical organization in a country and signed by its Chairperson or Secretary.

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

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

### **10.1 Purpose**

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

### **10.2 Conditions of Participation**

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

- (a) Non-members, who may be individuals, institutions or Companies when allowed to take part vide By-law 10.1, shall pay an enhanced Registration Fee as determined by the IEC.
- (b) Non-members may submit papers for discussions at a Congress/Forum provided the papers are accepted by the Review Committee / Central Office and processed according to the accepted procedures.

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

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

## **BY-LAW (12) – MISCELLANEOUS**

### **12.1 Report on Meeting**

- (a) An Office-bearer, or any individual, authorized to attend, at the expense of the Commission, any non-ICID meeting (or Conference) shall (i) send to the Central Office a set of documents circulated for, or at, the meeting, and (ii) submit to the Central Office, as early as possible after the meeting, a brief report on the meeting, of the matters discussed and the conclusions reached or recommendations made.
- (b) The documents pertaining to the meeting will be placed in the Library and the report, or a resume of it, will be published in the ICID Journal or Newsletter for the information of National Committees.

## **BY-LAW (13) – SANCTIONS AGAINST NATIONAL COMMITTEES AND DIRECT MEMBERS IN ARREARS**

### **13.1 Two Years in Arrears**

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

### **13.2 Three Years in Arrears**

- 13.2.1 In case of non-payment of annual subscription for a period of three years or more, the member NC shall be designated as "Associate Member", provided that before reaching such decision the Council shall have given an opportunity to the NC to clear the arrears of subscription by a specified date.

13.2.2 The National Committees in arrears for three years or more (excluding the current year) shall be subject to the following ~~provisions~~ **sanctions, unless the Council in exceptional circumstances decides by simple majority vote to waive or postpone application of these sanctions:**

- (a) shall be subject to the provision of By-law (13.1) above, and
- (b) shall not be supplied with the documents or reports of the Commission, and
- (c) shall have no right of voting at a meeting of the Council, and
- (d) ~~shall be deemed to be inactive from membership of ICID and as a consequence shall~~ **as an Associate Member**, be required to pay registration fees as non-members for attending IEC meetings, Regional Conferences, Congresses/**Forum** at an enhanced registration fee to be determined by the IEC.

### **13.3 Suspension of Sanctions**

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

### **13.4 Direct Members**

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

### **13.5 Reactivation of National Committees**

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



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**AGENDA FOR THE 24<sup>TH</sup> MEETING OF THE  
PERMANENT COMMITTEE ON STRATEGY AND ORGANIZATION (PCSO)**

03 October 2013 :13.30-15.00 hours (Session – I)

03 October 2013 :15.30-17.00 hours (Session – II)

Mardin, Turkey

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

**Members:** (1) Vice President Dr. Ragab Ragab, Chairman (UK, 2010); (2) Vice President Hon. Dr. Willem F. Vlotman (Australia, 2009); (3) Vice President Hon. Dr. László G. Hayde (Hungary, 2009); (4) Vice President Hon. Engr. A.K. Bajaj (India, 2009); (5) Vice President Engr. Husnain Ahmad (Pakistan, 2010); (6) Vice President Mr. Chaiwat Prechawit (Thailand, 2010); (7) Vice President Prof. Tai Cheol, Kim (South Korea, 2011); (8) Vice President Mr. Adama Sangare (Mali, 2011); (9) Vice President Dr. Gerhard Backeberg (South Africa, 2011); (10) Vice President Mr. Laurie C. Tollefson (Canada, 2012); (11) Vice President Dr. Hüseyin GÜNDOĞDU (Turkey, 2012); (12) Vice President Mr. François BRELLE (France, 2012) and (13) 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 and (7) Chairman, Working Group on Irrigation and Drainage in States under Socio-Economic Transformation.

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

**PCSO Agenda Item 1: ATR on the Minutes of the 23<sup>rd</sup> Meeting of PCSO, Adelaide, 26 June 2012**

1. An Action Taken Report on the minutes of the 23<sup>rd</sup> meeting of PCSO is placed at **Annex 1**.

**PCSO Agenda Item 2: Membership of PCSO and Workbodies**

2. PCSO will review its membership as the three newly elected Vice Presidents at Mardin will become members of PCSO by virtue of the Office to which they are elected and three Office-Bearers Honoraire will retire from PCSO membership on completion of their 4-year term at the end of 64<sup>th</sup> meeting of IEC.

3. PCSO will also consider the proposals, from the Chairpersons of various workbodies associated with it, for any changes in their membership.

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

4. The updated list of ICID Network countries as on 01 August 2013 is given in **Annex 2**. The statement below summarizes the region-wise membership status:

Region	Active	Deemed to be Inactive	Total
Africa	11	13	24
Americas	04	11	15
Asia and Oceania	23	07	30
Europe	20	07	27
<b>Total</b>	<b>58</b>	<b>38</b>	<b>96</b>



5. The National Committees of Greece has become “Deemed to be Inactive” with effect from January 2013. National Committee of Cyprus has withdrawn from the membership of ICID citing financial reasons.

6. In the light of the elections of three new Vice Presidents at the 63<sup>rd</sup> EC meeting held at Adelaide on 28 June 2012, a redistribution of the Regions / National Committees amongst the newly elected and present Vice Presidents for the year 2012-13 was effected, which is at **Annex 3**.

7. Vice Presidents will apprise the Committee of their efforts on strengthening the activities of ICID in the regions of their respective responsibilities.

**PCSO Agenda Item 4: Membership of ICID**

**PCSO Agenda Item 4.1: Reactivation of Inactive National Committees (NCs)**

8. The Central Office has in its record the Constitutions of 41 National Committees. Rests of the National Committees are being advised, from time-to-time to adopt (where required) and furnish a copy of their Constitution to the Central Office. They have also been requested to inform about the modifications undertaken from time to time, if any to the Central Office. Central Office has provided sample ‘Constitutions of National Committees’ to all those National Committees who requested for it. A copy of the same can be accessed in the Members Only pages of the ICID Web pages.

9. Deemed inactive NCs were requested to reinstate the activities within the countries and at the same time renew their membership by paying the subscriptions due. It was pointed out that the Least Developed Countries (LDCs) do not have to pay the arrears. Vice Presidents of the concerned region were also requested to use their good offices for reactivation of such NCs. With the efforts of VP G.R. Backeberg and VP Adama Sangare, the National Committees of Chad, Morocco, Zambia and Malawi have become active members of ICID with effect from January 2013. Sri Lanka National Committee has also cleared its subscription arrears. As on 31<sup>st</sup> March 2013, the number of active NCs has reached a figure of 58.

10. With the active support of Central Office, the Vice Presidents have been in correspondence with countries in their region in order to reactivate or motivate the deemed inactive NCs to again become members of ICID.

11. VPs may like to provide a brief report on their efforts in this direction and results achieved thereon. The Committee may also suggest ways and means to reactivate the inactive members, in view of the VPs’ reports.

**PCSO Agenda Item 4.2: Progress of Direct Membership**

12. After the decision of 63<sup>rd</sup> IEC to open its membership to corporates, institutions and individuals, Central Office has advertised it through various channels such as letters, e-Bulletin, ICID Website, News Update, ICID News and ICID Journal and invited the prospective direct members for the membership of ICID in various categories. So far fifteen applications have been received; out of which five were received in complete form along with direct membership subscriptions as applicable to their respective categories. The applications of these five applicants were sent to their respective National Committees for ‘No Objection (NOC)’ from them for granting provisional direct membership. After receiving NOC from respective NCs, their applications were sent to the Direct Membership Administering Sub-Committee for final scrutiny before admitting them as provisional direct members. The Direct Membership Administering Sub-Committee have granted provisional membership to the following five subject to approval by IEC.

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

The remaining applicants have been advised to submit their membership subscription for further processing.

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

13. The Guidelines for Preparation and Conduct of International Executive Council (IEC) Meetings and ICID Congresses/Conferences/Forum as approved at the 63<sup>rd</sup> IEC meeting at Adelaide on 28 June 2012 under para 5.8, page 5 of IEC Minutes were referred to the Special Committee for Revision of By-laws and Constitution set up for incorporating them suitably. The Review Committee has recommended them to be included in "ICID Handbook of Procedures", included therein as a separate document under section IV and make it available at the Members Only web pages of ICID.

**PCSO Agenda Item 6: World Irrigation Forum**

14. As per the Resolution No.IEC-2/63 adopted at 63<sup>rd</sup> IEC meeting in Adelaide, the first of the triennial World Irrigation Forum on the theme "Irrigation and drainage in a changing world: Challenges and opportunities for global food security" was planned to be held in Mardin, Turkey from 29 September to 03 October 2013 which concludes on 3<sup>rd</sup> October. PCSO may like to deliberate on the related organizational issues, learn lessons from this First edition of the Forum so that WIF-2 could be further improved and made more attractive. The 2<sup>nd</sup> WIF in this series will be held in Chiang Mai, Thailand in 2016.

15. The World Irrigation and Drainage Prize, 2013 will be awarded to the Prof. Victor Dukhovny, Director, SIC-ICWC and VPH of ICID at the inaugural session of the WIF1. The Award carries a cash prize of US\$ 10000 and a citation plaque. The Award money was sponsored by the Ministry of Water Resources, People's Republic of China through CNCID. PCSO may like to recommend appreciation for the TUCID who have organized WIF1 and CNCID who sponsored the First WID Prize 2013.

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

16. The 63<sup>rd</sup> IEC meeting at Adelaide vide Resolution No.IEC-2/63 (page 14) has decided to adopt the strategy to collaborate with international organizations based on an agreed Memorandum of Understanding (MoU) clearly stating the roles and obligation of the two parties.

17. Presently ICID has standing MoUs with 08 international organizations. This year a new MoU has been signed with World Meteorological Organization outlining the areas of cooperation and forms of cooperation, etc. A copy of the signed MoU is attached at **Annex 4**.

18. The Committee's attention is drawn to the fact that the support extended by various IOs in water sector towards the organization of first WIF as its Partners and otherwise has been tremendous and praiseworthy. The Technical Partners of first WIF are: FAO, IWMI, ADB, GWP, IFPRI, WMO, World Bank, UNESCO-IHE, AWC, ICRISAT and ICARDA. IFAD and a few other organizations have joined in the WIF1 side events, which is highly appreciated. The Committee may like to recommend to IEC to put on record its appreciation for these partners.

**PCSO Agenda Item 8: Young Professional Mentorship Program**

19. As a follow up of WG-YPF and PCSO recommendations at Adelaide in June 2012, and later in consultation with the Chair, PCSO, Central Office prepared a Zero Draft of the ICID "Mentorship Program".

20. The zero draft of the Mentorship Program was circulated to a number of potential mentors on 13 December 2012 for their inputs and suggestions and seek willingness to act as mentors. To evince more responses, a reminder was sent on 13 February 2013. In response, the CO has received willingness to be a mentor from VPH Victor Dukhovny, VP Huseyin Gundogdu and VPH Lucio Ubertini.

21. As the response to the Draft Program has not been encouraging it was thought appropriate to have a wider face to face discussion starting with the Zero Draft based on the write up (**Annex 5**). The Zero Draft has also been presented at the YPF meeting, and the Chairman of YPF may like to provide the feedback. The Committee may deliberate on the proposed Mentorship Program, finalize the objectives and means to achieve them and suggest further steps to be followed to make this initiative a reality. Once a consensus on the Mentorship Program is achieved and the formal approval of the program from PFC obtained, it will be circulated to all the NCs for nominating mentors and mentees. It may not be out of place to mention here that as a voluntary program, it is important that the mentors are able to devote their time for the program.

**PCSO Agenda Item 9: Review of Regional Working Groups**

22. The Chairpersons of the following WGs will make presentations on the activities of their respective workbodies and present their recommendations. In the absence of the Chair, the member chairing the WG meeting may present the report.

**PCSO Agenda Item 9.1: African Regional Working Group (AFRWG)**

Since Dr. Andrew Sanewe, Chair of the AFRWG has resigned from the Chairmanship member may like to present the report of the meeting of the Working Group.

**PCSO Agenda Item 9.2: European Regional Working Group (ERWG)**

VPH Dr. Lazlo G. Hayde, Chair of the ERWG shall present the report of the meeting of the Working Group.

**PCSO Agenda Item 9.3: Asian Regional Working Group (ASRWG)**

VPH Dr. Karim Shiati, Chair of the ASRWG shall present the report of the meeting of the Working Group.

**PCSO Agenda Item 10: Review of Working Groups/Committees**

23. The Chairpersons of the following WGs will make presentations on the activities of their respective workbodies and present their recommendations. In the absence of the Chair, the member chairing the WG meeting may present the report.

**PCSO Agenda Item 10.1: Working Group on Irrigation and Drainage in States under Socio-Economic Transformation (WG-IDSST)**

VPH Prof. Peter Kovalenko, Chair of the WG shall present the report of the meeting of the Working Group.

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

Mr. Yaser Barghi, Chair of the WG shall present the report of the meeting of the Working Group.

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

Prof. Dr. Kim, Tai-Cheol, Chair of the C-CONGR shall present the report of the meeting of the Working Group.

**PCSO Agenda Item 11: Any other business**

**ACTION TAKEN REPORT**  
**The 23<sup>RD</sup> Meeting of PCSO**  
**26 June 2012, Adelaide, Australia**

Item	Recommendation	Decision of 63 <sup>rd</sup> IEC	Action Taken
<b>1. Membership of PCSO and Workbodies</b>			
	Reviewed the membership of workbodies associated with it and recommended changes in the membership of various workbodies.	Accepted the PCSO recommendations as per Resolution IEC-2/63.	The membership changes have been communicated to the NCs.
<b>2. Reactivation of Inactive National Committees (NCs)</b>			
	Recommended the following suggestions in order to increase the membership of ICID: a. waiving off all outstanding arrears of all the inactive NCs, b. introducing free trial subscription membership for two years, c. generating funds for participation of the LDCs in IEC meetings, and d. revisiting the membership fee formula.	The Management set up a Sub-Committee headed by the Chair of PFC to consider the suggestions made by PCSO and workbodies like WG-YPF at 63 <sup>rd</sup> IEC, as its ToR.	The sub-Committee has been set up and is mandated to present its report at the 34 <sup>th</sup> meeting of PFC/64 <sup>th</sup> IEC meeting in Mardin, Turkey in 2013.
<b>3. Broad-basing of NCs, Evolving/Revising Constitution of NCs</b>			
	Recommended that all National Committees should furnish a copy of their Constitution to the Central Office. The Committee recommended circulating the note earlier prepared by PH Peter Lee on this <i>subject</i> .		The NCs were asked to submit their latest constitution to the CO, including amendments made any, providing them with a copy of the PH Lee Report on broadbasing of NCs.
<b>4. Guidelines for organizing IEC, Congresses and Conferences</b>			
	Recommended that IEC may consider i. There should be a bidding process right from the beginning with main emphasis on declaring the registration cost for the different categories of the ICID members (YP, locals, etc.) ii. The approval for holding the meetings should duly take into account the accessibility of the venues. iii. Adoption of the proposed guidelines as directives which in parts could form part of the abiding agreement with the host NC	Decided to refer the "Guidelines for preparation and conduct of conferences and congresses to the Special Committee for revision of By-laws and Constitution.	The issue has been referred to the Special Committee for revision of By-laws and Constitution chaired by PH Lee.
<b>5. World Irrigation Forum: proposal for renaming IEC meetings before the Congress year</b>			
	PCSO strongly supported the concept of organizing World Irrigation Forum and recommended keeping its name as "World Irrigation Forum". The Committee recommended that WIF should be started during 2013.	Vide Resolution IEC-2/63, the Council unanimously approved the organization of World Irrigation Forum.	In line with IEC decision, steps were initiated to organize the first WIF in Mardin along with 64 <sup>th</sup> IEC meeting.
<b>6. Strategy for Collaboration and Cooperation between ICID and other International Organizations</b>			
	Recommended that the International Organizations should collaborate with ICID based on an agreed Memorandum of Understanding, clearly defining the objectives, the duties and responsibility of the two organizations, including their financial arrangements.	Vide Resolution IEC-2/63, the Council decided to adopt the proposed strategy.	ICID has signed an MoU with WMO in mid-2013 which is very much in line with the strategy adopted by IEC for collaboration with IOs.

**ICID NETWORK COUNTRIES AS ON 01 AUGUST 2013**

<b>Members 'Active'</b>			
<b>Sl. No.</b>	<b>National Committee</b>	<b>Acronym</b>	<b>Year of Joining</b>
1	Afghanistan	AFGICID	2008
2	Australia	IACID	1952
3	Austria	AUNCID	1954
4	Bangladesh	BANCID	1973
5	Brazil*	ABID	1970
6	Canada	CANCID	1956
7	Chad	ATID	2012
8	China	CNCID	1963
9	Croatia	CRCID	1993
10	Czech Republic	CZNC-ICID	1997
11	Egypt*	ENCID	1950
12	Estonia	ESTICID	2001
13	Ethiopia	ETCID	1976
14	Fiji	FIJICID	2010
15	Finland	FINCID	2000
16	France	AFEID	1953
17	Germany	GECID	1957
18	Hungary	HUCID	1955
19	India*	INCSW	1950
20	Indonesia*	INACID	1950
21	Iran	IRNCID	1955
22	Iraq	IRQCID	2006
23	Ireland	IRCID	1978
24	Italy*	ITAL-ICID	1950
25	Japan	JNC-ICID	1951
26	Kazakhstan	KAZCID	2006
27	Korea, Rep. of	KCID	1969
28	Lithuania	LNCID	1994
29	Malawi	MALCID	1967
30	Malaysia	MANCID	1958
31	Mali	AMID	2005
32	Mexico	MXCID	1951
33	Morocco	ANAFIDE	1959

**Annex 2** [Appendix I, Item 3, Para 4]

<b>Members 'Active'</b>			
<b>Sl. No.</b>	<b>National Committee</b>	<b>Acronym</b>	<b>Year of Joining</b>
34	Nepal	NENCID	1973
35	Netherlands*	NETHCID	1950
36	Niger	ANID	2007
37	Pakistan	PANCID	1953
38	Philippines	PNC-ICID	1956
39	Portugal	PNCID	1954
40	Romania	CNRID	1992
41	Russia	RuCID	1955
42	Saudi Arabia	SACID	1977
43	Slovenia	SINCID	1992
44	South Africa	SANCID	1993
45	Spain	CERYD	1955
46	Sri Lanka*	SLNICID	1950
47	Switzerland*	CH-AGRAM	1951
48	Syria	SYCID	1962
49	Tanzania	TANCID	2011
50	Thailand*	THAICID	1950
51	Turkey*	TUCID	1954
52	United Kingdom	IWF	1951
53	Ukraine	UACID	1996
54	United States of America	USCID	1951
55	Uzbekistan	UzNCID	1994
56	Zambia	ZACID	1966
57	Zimbabwe	ZwCID	1955
<b>Committee</b>			
58	Chinese Taipei Committee	CTCID	1969

**Annex 2** [Appendix I, Item 3, Para 4]

<b>Members 'Deemed Inactive'</b>			
<b>Sl. No.</b>	<b>National Committee</b>	<b>Acronym</b>	<b>Year of Joining</b>
59	Algeria	CNAID	1965 (1999) <sup>1</sup>
60	Angola	ANGCID	1975 (1994)
61	Argentina	ARCID	1975 (2004)
62	Belgium	BELCID	1988 (1997)
63	Bulgaria	BNCID	1960 (2006)
64	Colombia	INAT	1966 (2003)
65	Dominican Republic	DOMCID	1961 (1986)
66	Ecuador	EDORCID	1959 (1985)
67	Ghana	GHANCID	1958 (1963)
68	Greece	GRCID	1957 (2012)
69	Guyana	GUCID	1957* (2012)
70	Honduras	HOCID	1979 (1999)
71	Israel	ISCID	1950 (2012)
72	Ivory Coast	IVCID	1969 (1982)
73	Jordan	JORCID	1978 (2003)
74	Kenya	KENCID	1977 (2003)
75	Kyrgyz Republic	KYRCID	2004 (2010)
76	Lebanon	LEBCID	1964 (1976)
77	Libya	LICID	1988 (2000)
78	Macedonia	MAKCID	1995 (2010)
79	Madagascar	MADCID	1983 (1986)
80	Mozambique	MOCID	1978 (2006)
81	Myanmar	MINCID	1962* (2012)
82	Nigeria	NINCID	1970* (2012)
83	Panama	PANACID	1980 (1990)
84	Peru	PERU-ICID	1965 (1973)
85	Poland	POCID	1967 (2006)
86	Senegal	SENCID	1966 (1992)
87	Serbia (erstwhile Yugoslavia)*	YUGCID	2002 (2012)
88	Slovak Republic	SKNC-ICID	1996 (2006)
89	Sudan	SUCID	1964 (2003)
90	Surinam	SURCID	1956 (1985)
91	Tajikistan	TAJCID	1997 (2003)
92	Tunisia	TUNCID	1960 (1963)
93	Uganda	UGCID	1963 (1983)
94	Uruguay	URUCID	2007 (2012)
95	Venezuela	VENCID	1963 (1982)
96	Vietnam	VICID	1960 (2003)

\* Founder Member

<sup>1</sup> Year in parenthesis is of the NC becoming inactive

**ALLOCATION OF NATIONAL COMMITTEES AMONGST VICE PRESIDENTS (2012-13)**

Sr. No.	Vice President	Allocation of Region/National Committees for 2012-13
1	<b>Dr. Ragab Ragab (UK) 2010</b>	<p><b>REGION: EUROPE</b></p> <p><b>ACTIVE</b> Austria, Czech Republic, Estonia, Finland, Germany, Hungary, Ireland, Lithuania, The Netherlands, Switzerland, and UK</p> <p><b>DEEMED INACTIVE</b> Belgium, Poland and Slovak Republic</p> <p><b>WITHDRAWN ON THEIR OWN</b> Denmark</p> <p><b>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP</b> Latvia, Norway, and Sweden</p>
2	<b>Engr. Husnain Ahmad (Pakistan) 2010</b>	<p><b>REGION : ASIA</b></p> <p><b>ACTIVE</b> Bangladesh, India, Nepal, Syria, Saudi Arabia, and Pakistan</p> <p><b>DEEMED INACTIVE</b> Jordan, Kyrgyz Republic, Lebanon, and Tajikistan</p> <p><b>ADMITTED BUT NOT PAID SUBSCRIPTION</b> Azerbaijan, and Turkmenistan</p> <p><b>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP</b> Bhutan and Oman</p>
3	<b>Mr. Chaiwat Prechawit (Thailand) 2010</b>	<p><b>REGION : ASIA &amp; OCEANIA</b></p> <p><b>ACTIVE</b> Malaysia, Philippines, Indonesia, and Thailand</p> <p><b>DEEMED INACTIVE</b> Myanmar**, and Vietnam</p> <p><b>WITHDRAWN ON THEIR OWN</b> New Zealand</p> <p><b>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP</b> Cambodia, Laos Republic, and Papua New Guinea</p>
4	<b>Prof. Kim, Tai-Cheol (Korea) 2011</b>	<p><b>REGION : ASIA &amp; OCEANIA</b></p> <p><b>ACTIVE</b> Australia, China, Chinese Taipei, Fiji, Korea and Japan</p> <p><b>ADMITTED BUT NOT PAID SUBSCRIPTION</b> Mongolia, and Yemen</p> <p><b>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP</b> Democratic People's Republic of Korea</p>



**Annex 3** (Appendix I, Item 3, Para 6)

Sr. No.	Vice President	Allocation of Region/National Committees for 2012-13
5	<b>Mr. Adama Sangare (Mali) 2011</b>	<p><b>REGION : AFRICA</b></p> <p><b>ACTIVE</b> Chad, Egypt, Mali, Morocco and Niger</p> <p><b>DEEMED INACTIVE</b> Algeria, Ghana, Ivory Coast, Libya, Nigeria, Senegal and Tunisia</p> <p><b>ADMITTED BUT NOT PAID SUBSCRIPTION</b> Burkina Faso and Cameroon</p> <p><b>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP</b> Botswana, Central African Republic, Gabon, Guinea and Mauritania</p>
6	<b>Dr. Gerhard R. Backeberg (South Africa) 2011</b>	<p><b>REGION : AFRICA</b></p> <p><b>ACTIVE</b> Ethiopia, South Africa, Tanzania, Zimbabwe and Zambia</p> <p><b>DEEMED INACTIVE</b> Angola, Kenya, Madagascar, Malawi, Mozambique, Sudan, Uganda,</p> <p><b>ADMITTED BUT NOT PAID SUBSCRIPTION</b> Mauritius, and Sao Tome &amp; Principe</p> <p><b>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP</b> Congo, Dem. Rep. of Congo (Zaire), Namibia, Swaziland, Somalia, South Sudan and Togo</p>
7	<b>Mr. Laurie C. Tollefson (Canada) 2012</b>	<p><b>REGION: AMERICA</b></p> <p><b>ACTIVE</b> Brazil, Canada, Chile, Mexico and USA</p> <p><b>DEEMED INACTIVE</b> Argentina, Colombia, Dominican Republic, Ecuador, Honduras, Guyana, Panama, Peru, Surinam, Uruguay, Venezuela</p> <p><b>ADMITTED BUT NOT PAID SUBSCRIPTION</b> Jamaica</p> <p><b>WITHDRAWAN ON THEIR OWN</b> Cuba</p> <p><b>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP</b> Bolivia, Costa Rica, El Salvador, Guatemala, Haiti, Nicaragua, Paraguay, Pureto Rico and Trinidad &amp; Tobago</p>
8	<b>Dr. Hüseyin GÜNDOĞDU (Turkey) 2012</b>	<p><b>REGION : ASIA &amp; EUROPE</b></p> <p><b>ACTIVE</b> Afghanistan, Kazakhstan, Iran, Iraq, Russia, Turkey, Ukraine and Uzbekistan</p> <p><b>DEEMED INACTIVE</b> Israel</p> <p><b>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP</b> Armenia, Belarus, Georgia, Kuwait, Maldives, Moldova and United Arab Emirates</p>

**Annex 3** (Appendix I, Item 3, Para 6)

Sr. No.	Vice President	Allocation of Region/National Committees for 2012-13
9	<b>Mr. François BRELLE (France) 2012</b>	<b>REGION : EUROPE</b>  <b>ACTIVE</b> Croatia, Cyprus, France, Greece, Italy, Portugal, Romania, Spain, Slovenia  <b>DEEMED INACTIVE</b> Bulgaria, Macedonia, Serbia**  <b>NEW COUNTRIES TO BE LIAISED FOR MEMBERSHIP</b> Albania, Bosnia & Herzegovina, French Guiana, Montenegro

\*\* Became deemed to be inactive from 1 January 2012



**MEMORANDUM OF UNDERSTANDING**

*BETWEEN*

**THE WORLD METEOROLOGICAL ORGANIZATION**

*AND*

**THE INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE**

*Memorandum of Understanding ("MoU") between the World Meteorological Organization ("WMO"), with its headquarters at 7 bis, avenue de la Paix, Case postale 2300, CH-1211 Geneva 2, Switzerland, and the International Commission on Irrigation and Drainage ("ICID") with its principal place of business at 48 Nyaya Marg, Chanakyapuri, New Delhi 110021, India.*

RECOGNIZING the importance of improving, developing and making available climate information and predictions in support of decision making for climate risk management and adaptation, WMO and its international and national partners have adopted a Global Framework for Climate Services (GFCS). A strong priority of the GFCS is to increase and improve interactions between climate service providers and those who make use of the services, in order to increase the uptake and effective use of climate information. Consequently, the success of the GFCS depends on the ability of all relevant stakeholders to partner effectively and efficiently to meet its objectives.

RECOGNIZING also that WMO and ICID share mutual goals of poverty alleviation through food and water security and for that purpose they support interventions to reduce risks due to water related extremes – floods and droughts, and effective climate change adaptation. To achieve these goals, both WMO and ICID have a mutual interest and commitment to work in the better management of floods, droughts and agriculture water using the latest tools and information.

NOTING that this Memorandum of Understanding (MoU) is intended to enhance WMO's ability to appropriately make use of the outreach, capabilities and expertise of ICID in the areas of flood management, drought management and irrigation management for beneficial use of WMO climatic and disaster risk reduction information and services by the worldwide irrigation and drainage community it defines the general areas of cooperation and the scope and nature of collaboration. This MoU is designed to encourage collaboration on projects and activities of mutual interest.

WHEREAS, ICID is a scientific, technical, professional, and voluntary not-for-profit International Organization, is dedicated, inter alia, to enhance the world-wide supply of food and fibre for all people by improving water and land management, through application of irrigation, drainage and flood management techniques.

WHEREAS, ICID serves society, with active support from its member countries, by way of providing an international forum and network in which the technical, agronomic, socio-economic, and environmental complexities involved in the development, management and operation of irrigation, drainage and flood management works are deliberated, improved practices identified and promoted widely among member countries.

WHEREAS, ICID stimulates and promotes the development and application of the arts, sciences and techniques of hydrology, hydraulic engineering, agriculture, economics, ecological and social sciences in managing water and land resources for irrigation, drainage, and flood management, for achieving sustainable irrigated agriculture.

WHEREAS, ICID accomplishes its mission by: (a) exchange of information amongst its National Committees and members; (b) holding periodical meetings, sponsoring of conferences, symposia, workshops, exhibitions, training and study tours; (c) organizing studies and experiments; (d) publication of research journals, conference proceedings, reports, guidelines for best practices, books, documents, audiovisual and electronic media materials; (e) cooperating with other national, regional and International Organizations, and (f) taking such other measures as may be considered necessary within its field of activities.

WHEREAS, WMO is a specialized agency of the United Nations and serves as the UN system's authoritative voice on the state and behaviour of the Earth's atmosphere, its interaction with the oceans, the climate it produces and the resulting distribution of water resources.

WHEREAS, WMO provides world leadership, expertise and international cooperation in weather, climate, hydrology and water resources and related environmental issues and thereby contributes to the safety and well-being of people throughout the world and to the economic benefit of all nations.

WHEREAS, WMO facilitates free and unrestricted exchange of meteorological, hydrological and related data and products, which are essential for all real-time weather, climate, water and related environmental services, as well as for the assessment of the evolution of the climate system and is an important factor in matters relating to safety and security of society, economic welfare and the protection of the environment. It also contributes to policy formulation in these areas at national and international levels.

WHEREAS, WMO, recognizing water as the vehicle for climate change adaptation and agriculture as a major user of water, wishes to enhance the scope and nature of application of climate services to improve water security under increasing climate variability and climate change.

WHEREAS ICID and WMO, wish to recognize each other's unique authority, capabilities and memberships, through consideration of mutual interests and respecting the objectives and responsibilities as set forth in their respective constitutional instruments and to memorialize their understanding regarding certain joint activities in which they plan to engage.

In consideration of the benefits anticipated from entering into this MoU, ICID and WMO (Parties) agree as follows:

**1. Areas of Cooperation**

- a. Act in close cooperation with each other, consult each other regularly on matters of common interest and keep each other informed concerning all programmes of work, activities and publications in which there might be mutual interest.
- b. Inform and consult each other in all cases where either of the Parties proposes to initiate a programme or activity on a subject in which the other Party has or may have substantial interest, before bringing to finality the programme or initiating the activity.
- c. Conduct joint research and consultation on needs of current and future climate information products related to agriculture water management, drought management and flood management.
- d. Work for the expansion and enhancement of the 'Water' and 'Agriculture' components of the user interface of the Global Framework for Climate Services.
- e. Organize and deliver joint technical seminars, webinars and workshops.
- f. Identify irrigation and drainage experts to provide advice to WMO.
- g. Recognize and invite the other as observer to the meetings to participate, without vote, in deliberations of the Executive Council/ International Executive Council and the World Meteorological Congress/ ICID Congress and where appropriate, of its working groups, on issues of mutual interest.
- h. Include, on the provisional agendas of the appropriate sessions of the meetings referred to in (g) above, items proposed by the other Party, for consideration, noting that such proposals will be accompanied by an explanatory memorandum.
- i. Arrange for a mechanism for monitoring and evaluation of joint initiatives, and analysis of performance.
- j. Cooperate with other parties, as appropriate, to further the objectives of this MoU.

**2. Forms of Cooperation**

The Parties may use one or more of the following means to undertake the activities under the MoU:

- a. Exchange of information.
- b. Coordinated or joint projects.
- c. Joint research tasks, experiments and trials.
- d. Provision of services.
- e. Provision of technical support services.
- f. Advice, consultation and methodology validation.
- g. Joint applications for project funding.
- h. Joint or coordinated communications and outreach.

**3. Support for Collaboration**

3.1 In order to support the collaboration activities under this MoU, the Parties may engage the services of specialists from either Party or from outside Parties, in conducting the various fields of activity as stated herein.

3.2 Specific cooperative projects can be appended as Addenda to this general MoU as they are defined. An Addendum for a specific cooperative project will include the Terms of Reference, the scope of work and resources to be employed.

3.3 In the event a budget is required, both Parties will jointly develop and implement a strategy to secure the needed funding as well as the administrative requirements once funding is secured. Should outside contracting for services be required, a mutually agreed decision on which Party shall receive and manage such funds will be made and contracting done in accordance with the responsible Party applying contracting rules and regulations.

3.4 If compliance with a request for assistance made by either Party to the other would involve substantial expenditure for the Party complying with the request, consultation shall take place with a view to determine the most equitable manner of meeting such expenditure.

#### **4. Representations and Warranties**

Each Party represents and warrants to the other that:

- (i) it has due authority to enter into and perform the MoU, and
- (ii) its performance of this MoU will not conflict with any other agreement to which it is a Party.

#### **5. Liaison**

Each Party will appoint and maintain a representative to act as liaison with the other Party, and each Party may deal exclusively with the liaison appointed by the other Party if it so chooses, except as otherwise provided in the Areas of Cooperation.

#### **6. Confidentiality**

All confidential information that is agreed to be exchanged between the Parties will be treated as confidential. For purposes of this MoU, "confidential information" means all financial, technical, operational, commercial, staff, management and other information, data, experience and knowledge of either Party which is disclosed to the other Party and identified as confidential information or which ought to be considered as confidential from its nature or from the circumstances surrounding its disclosure. Nothing in this Agreement shall be construed as requiring either of them to furnish such information as would, in the judgment of the Party possessing the information, constitute a violation of the confidence of any of its Members or anyone from whom it has received such information or otherwise interfere with the orderly conduct of its operations.

#### **7. Privileges and Immunities**

Nothing contained in this MoU shall be deemed a waiver of any of the privileges or immunities enjoyed by WMO.

#### **8. Limitation of liability**

The Parties will not be liable for any indirect or consequential damages arising as a result of their performance under this MoU.

**9. Dispute Resolution**

Any dispute between the Parties concerning the interpretation or application of this MoU which cannot be settled amicably will, at the request of either Party, be settled by arbitration in accordance with the Arbitration Rules of the United Nations Commission on International Trade Law (UNCITRAL).

**10. Term and Termination**

- (a) This MoU will come into effect upon signature by both Parties. This MoU shall expire in five years after the date of signature. It may be amended by written consent of the Parties.
- (b) Either Party may terminate this MoU with or without cause by providing the other Party six months advance written notice. Unless otherwise agreed, such termination will not affect the validity of any arrangements made under this MoU. In the event this MoU is terminated each Party shall be solely responsible for the payment of any expenses incurred.
- (c) This MoU may be renewed for another term to be mutually agreed between the Parties. Notice to renew should be communicated to the other Party at least six months prior to the expiry date.

**11. Administration of the MoU**

WMO and ICID have designated the following representatives to administer the implementation and reporting of this MoU:

WMO: Mr Bruce Stewart  
Director, Climate and Water Department  
World Meteorological Organization  
7bis, Avenue de la Paix  
1211 Geneva 2, Switzerland  
Tel: +41 22 730 8355  
Fax: +41 22 730 8043  
[bstewart@wmo.int](mailto:bstewart@wmo.int)

ICID: Mr Avinash Chand Tyagi  
Secretary General  
International Commission on Irrigation and Drainage (ICID)  
48 Nyaya Marg, Chanakyapuri  
New Delhi 110021, India  
Tel: +91 11 2611 6837, 2611 5687, 2467 9532  
Fax: + 91 11 2611 5962  
[tyagi@icid.org](mailto:tyagi@icid.org), [icid@icid.org](mailto:icid@icid.org)

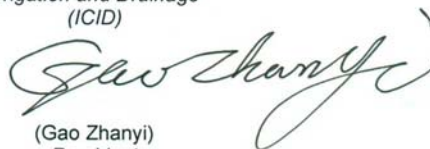
In witness whereof the Parties have executed this MoU by their respective representative duly authorized in that behalf.

For  
the World Meteorological  
Organization  
(WMO)



(M. Jarraud)  
Secretary-General

For  
the International Commission on  
Irrigation and Drainage  
(ICID)



(Gao Zhanyi)  
President

Date: 8<sup>th</sup> July 2013

Date: June 23, 2013



## MENTORSHIP OF YOUNG IRRIGATION ENGINEERING PROFESSIONALS

### 1. Background

It is true that in many countries the influx of new talent has been slow to replace the senior retiring professionals due to various reasons. But it is ironic that in many countries, despite unemployment, many of the professional positions in Irrigation Departments are lying vacant. Today, there is hardly any interest in this sector among the youth. Young engineering graduates in irrigation and agriculture do not find it lucrative to be these fields. ICID has been working assiduously on this issue for more than two decades. ICID provides registration to Young Professionals below 40 years at concessional rates and encourages the YPs to participate in various technical working groups. In 1997 ICID instituted WatSave Awards in three Categories and the one of them being for the Young Professionals in order to encourage and recognize their contributions in WatSave activities.

To attract more and more talented young professionals to irrigation-related fields, ICID is presently conceptualizing a mentorship program, which it plans to introduce with effect from the beginning of 2014. The mentorship programme aims at a healthy interaction between an interested mentor and an eager mentee. This note provides a brief outline to initiate discussions on the topic.

### 2. Objective

The objective of the programme is:

“to induct young engineering professionals into the irrigation, drainage and flood management sector and transform him or her (protégé or mentee) as a valuable contributor through informal transmission of knowledge, social capital, and the psychosocial support”.

The programme will facilitate a mentoring relationship between a young professional who is new to the profession (the mentee) and a person who is involved in the Irrigation and Drainage sector for a long time and has greater relevant knowledge, wisdom, or experience (the mentor), over a sustained period of time.

### 3. Role of Mentors

The mentors would be expected to play the role of parent, teacher, friend, guide, and protector and act as:

- A positive role model,
- The developer of talent,
- A provider of emotional support,
- Opener of doors, and
- A sponsor.

The mentor can assist/advise the mentee on:

- (i) any professional problem faced by the mentee,
- (ii) issues related to career path,
- (iii) assessing mentee's strengths and weaknesses,
- (iv) determine which competencies need to be developed,
- (v) developing a professional network
- (vi) suggest ways that the mentee can become more involved in the profession,
- (vii) international perspectives, and
- (viii) share with the mentee the knowledge, skills, and attitudes (competencies) necessary to get where the mentor is.

The role of a mentor varies, depending upon the level of commitment established by both the mentor and mentee.



**Annex 5** (Appendix I, Item 8, Para 21)

The most important characteristic of a potential mentor is the motivation to serve as mentor. Though the level of mentorship is up for negotiation, mentors must be willing to invest the necessary time and energy. Mentors should have the skills to assist mentees in a positive and constructive way. This includes excellent communication skills, especially the ability to be an active listener and to provide feedback in an effective manner. Mentors should also have an active network of professional contacts.

#### **4. Eligibility**

##### **4.1 Mentor**

A person who volunteers to be a mentor must be an experienced, senior professional and a member of the National Committee under ICID and should have qualities such as:

1. nurturing,
2. supportive,
3. protective,
4. proactive,
5. assertive, and
6. risk taking.

The National Committee, while looking for a potential mentor, needs to see his or her motivation to serve as a mentor and willing to invest time and energy. Draft profile format for listing as a mentor is presented in **Appendix-I**.

Depending upon the level of commitment, the potential mentor has to ensure that he/she is ready to convey his/her aspirations and goals and share with the mentee the knowledge, skills and attitudes, and competencies necessary to get maximum output from the mentee.

##### **4.2 Expectations from Mentees**

The mentorship programme is developed for mentoring either fresh graduates/post graduates with irrigation management as the major, or the Young Professionals working in Irrigation and Drainage departments within the member countries, and those who are below the age of 30 years.

The National Committees are expected to invite applications from candidates within the country and maintain such a list. There are some qualities that mentors look for in a potential mentee to have the most effective relationship possible. Mentee should exhibit the required potential qualities for leadership and should be open to feedback and advice. Mentees should also exhibit the commitment to advancing him/herself and the profession. Draft application format for availing the facilities of a mentee is presented in **Appendix-II**.

#### **5. Operationalization**

As regards the selection of mentee is concerned, the profile of mentee is to be matched with mentor by a designated committee consisting of senior members of the various National Committees.

While ICID annual meetings provide opportunity for informal relationship, it is proposed to initiate a formal relationship program. There are many kinds of mentoring relationships, but given the spread of the ICID community e-mentoring relationship will be predominant. The programme may be based on on-line technology.

##### **5.1 Matching Mentors and Mentees**

Applicant mentees are matched with the profiles of the volunteer mentors that have common goal and career interest by a designated mentoring committee. The matching committee reviews the mentoring profiles and makes matches based on areas for development of mentor strengths, overall experience, skill set, location and objectives of the mentorship.

**Annex 5** (Appendix I, Item 8, Para 21)

Mentoring technology can be used to facilitate matches allowing mentees to search and select a mentor based on their own development needs and interests. This mentee-driven methodology increases the speed in which matches are created. The quality of matches increases as well with self-match programs because the greater the involvement of the mentees in the selection of their mentors, the better the outcome of the mentorship. There are a variety of online mentoring technology programs available that can be utilized to facilitate this mentee-driven matching process.

**5.2 Duration**

The period of mentorship will vary between one to three years.

**5.3 Number of positions**

About five to ten numbers of mentees will be offered mentorship each year.

**5.4 Value**

The entire programme will be run on a voluntary basis as no financial assistance shall be available for this programme, at least in its initial stage. Therefore no financial assistance or scholarship should be expected both by the mentors and mentees.



**ICID MENTORSHIP PROGRAM**

**Mentor Profile**

Name \_\_\_\_\_

Title \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

City, State, Country, Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

Areas of expertise of mentor (check all that apply):

Subject Area \_\_\_\_\_

Non-traditional role (please describe) \_\_\_\_\_

Gender:(Male /Female /No preference)

Please describe your work experience in the related field.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Why do you want to serve as a mentor?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

How much time are you willing to commit to your mentoring relationship?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What is your preferred manner in which you want to communicate with your mentee?

\_\_\_\_\_  
\_\_\_\_\_

What are the personal qualities that you are looking for in a mentee?

\_\_\_\_\_  
\_\_\_\_\_

**ICID MENTORSHIP PROGRAM**

**Mentee Profile**

Name \_\_\_\_\_

Title \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

City, State, Country, Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

Preferred area of expertise of mentee(check all that apply):

Subject Area \_\_\_\_\_

Non-traditional role (please describe) \_\_\_\_\_

Gender:(Male /Female /No preference)

Please describe your work experience in the information field.

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What would you like to get out of a mentoring relationship?

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How much time are you expecting a mentor to commit to working with you?

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What is your preferred manner in which you wish to communicate with your mentor?

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What are the personal qualities that you are looking for in a mentor?'

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**AGENDA FOR THE 20TH MEETING OF THE  
ASIAN REGIONAL WORKING GROUP (ASRWG)  
02 October 2013, 09.00-10.30 hours [Session I]  
02 October 2013, 11.00-12.30 hours [Session II]  
Mardin, Turkey**

**Presented by the Chairman**

**Year of Establishment: 1996**

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

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

**ASRWG Agenda Item 1: Action taken report by Chair**

1. The Chairman may like to present a report regarding actions taken on the decisions made during the last meeting of the WG at Adelaide (2012).

**ASRWG Agenda Item 2: Membership of the Working Group**

2. The existing membership of the group and their attendance at last two meetings is given in **Annex 1**. BANCID nominated Mr. Mir Sajjad Hossain (Bangladesh) in place of Mr. T. Anwar Khan and WAPCOS (India) Limited, which has joined ICID as 'Direct Member' under 'Institution' category, has nominated Dr. Rajinder Kumar Gupta (India) for the membership of the WG.

Based on the CVs of the above nominees, Chair recommends and members may endorse their membership of the WG, subject to their attending the meeting in Mardin.

VP Chaiwat Prechawit and VP Dr. Hüseyin GÜNDOĞDU contacted the deemed inactive NCs and fresh countries in the Asian region to strengthen the ICID membership network. The WG appreciates their efforts in fortifying the membership.

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

**ASRWG Agenda Item 3.1: 2<sup>nd</sup> Asia Pacific Water Summit, May 2013, Thailand**

3. The 2nd Asia-Pacific Water Summit (2<sup>nd</sup> APWS) on the theme "*Water Security and Water-related Disaster Challenges*" was held from 16-20 May 2013 at Chiang Mai, Thailand. On behalf of ICID, President Dr. Gao Zhanyi (China) attended the Summit as a Panelist in the Workshops on '*Achieving Economic, Food and Water Security in the Asia Pacific: Key Challenges and Key Actions*' on 18 May 2013 and '*Focus Area session on Economic, Food and Water Security*' on 19 May 2013, jointly organized by FAO and ESCAP. The objectives of workshops were to identify the key challenges and elements of a supportive framework for action to concurrently eliminate hunger in our life times and achieve economic and water security within an inclusive green growth strategy and develop key messages on economic, food and water security (EFWS). During 2nd APWS, the Organizing Committee of the WWF7 also organized the '*7th WWF – Kick off*' event on 17 May 2013. As member of Board of Governors of WWC, President Gao delivered a welcome speech in august presence of Prof. Ben Braga, the President of WWC.

The Chairman or Mr. Arthon Suttigarn (Thailand) may apprise the members.

**ASRWG Agenda Item 3.2: EURO-INBO**

4. The 10th European Conference on the Implementation of the Water Framework Directive (EURO-INBO) was held on 17-19 October 2012 at Istanbul, Turkey. The "EUROPE-INBO" group was created in 2003 at Valencia, Spain by the European Basin Organizations of International Network of Basin Organization (INBO). VPH Dr. Karim Shitati, Vice President Dr. Hüseyin GÜNDOĞDU and Dr. Aynur Fayrap, member of ASRWG attended the Conference and made their contributions in roundtable sessions.

The Chairman may apprise the members.

**ASRWG Agenda Item 3.3: Regional cooperation between TUCID-IRNCID**

5. VPH Dr. Shiati visited TUCID on 16 October 2012 at Istanbul for a 'Consultation Meeting' with the organizers of WIF1. Being Chairman of ASRWG, Dr Shiati explored the possibility of regional cooperation among the ASRWG countries, namely between TUCID and IRNCID. They have agreed to prepare a Memorandum of Understanding (MoU) for signing to enhance the Regional Cooperation in near future.

The Chairman may apprise the members.

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

6. International Conference on "*Challenges of Water and Environmental Management in Monsoon Asia*" was organized by International Society of Paddy and Water Environment Engineers (PAWEES) on 27-29 November 2012 in Nonthaburi, Thailand. Prof Tai Cheol KIM, Vice President, ICID and President of PAWEES emphasized on extending the knowledge and partnerships to enhance irrigation efficiency and high productivity leading to sustainable agriculture. The PAWEES members have also discussed the student and professor exchange program with institutes in Asian countries and also discussed opportunities of research collaboration with its member countries including PAWEES-ICID collaboration. As for the future PAWEES conferences are concerned, a Work Team (WT) will be formed within ASRWG to develop an action plan for the collaborative research projects to be discussed at the next PAWEES Conference to be held in 2013 in Korea.

Prof. Kim may apprise the WG on his participation at PAWEES conference. The WG may establish the WT to look into PAWEES-ICID collaboration and evolve an action plan for the collaborative research projects.

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

7. The ASRWG-WT on "*Contribution of Agricultural Water to the Rural Development in Asia*" was established during Adelaide (2012) meeting. Prof. Kim circulated a detailed framework of the WT (**Annex 2**) with the mandate "*How to contribute to the development of rural society in Asia with water*" to all members for their comments and suggestions. Members of the WT are – Dr. Amin (Malaysia), Arthon (Thailand), Dr. Hassan (Turkey), VPH Karim Shiati (Iran), Dr. Kim (Korea, Chair), VPH Ota (Japan), Dr. Wu (Chinese Taipei), Dr. Kota (India), and Mr. Facon (FAO). VPH Dr. Shiati suggested that the duration of the WT could be 3-4 years, so as to submit the final report at WWF7 in 2015.

VP Prof. Kim, the Chairman of this work team may apprise the WG members and firm up the mandate, scope, membership and responsibility allocation with timeline for the assigned tasks.

8. ASRWG is organizing an internal workshop on "*How does agricultural water management contribute to the development of rural society in Asia?*" during Session 2 (11.00-12:30 hours) of this meeting as per **Annex 3**.

At the end of the workshop, the WT Chair may discuss and draw the policy direction for the final report.

**ASRWG Agenda Item 6: 8th Asian Regional Conference**

9. Central Office circulated the invitation to all NCs for their proposals for hosting the 8<sup>th</sup> Asian Regional Conference. Responses are awaited.

**ASRWG Agenda Item 7: Publications of the Working Group**

10. The WG plans to publish a technical report on "*Contribution of Agricultural Water to the Rural Development in Asia*" by 2015. The Chairman may discuss the scope, the target audience and the timeframe together with responsibility allocation with the members. In order to streamline the action plan, the Chairman needs to provide this information in **Annex 4** for its onward submission to the Chair PCSO for monitoring the progress during subsequent IECs.

**ASRWG Agenda Item 8: Three-year work plan**

11. The three-year work plan is given at **Annex 5**. The members may like to discuss and finalize it during the Mardin meeting.

**ASRWG Agenda Item 8.1: Website of ASRWG**

12. The website of ASRWG <<http://www.icid.org/asrwg.html>> is functional. Network linkages with the NCs of Australia, China, India, Iran, Japan, Korea, Malaysia, Taiwan, and Thailand have been already established. Members are requested to access the refreshed website and provide their comments/ suggestions along with some relevant documents, links etc. for its posting on the group's website.

**ASRWG Agenda Item 9: Any other business**

13. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

14. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCSO meeting on 03 October 2013.





**ASIAN REGIONAL WORKING GROUP (ASRWG)**  
**Members and their attendance at 2011 and 2012 Meetings**

Sr. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Karim Shiati, Chairman, 2006 (Iran)	1997	•			•	
2.	VP Prof. Tai-Cheol Kim, Vice Chairman, 2007 (Korea)	2006	•		•		
3.	Mr. Sheng-Feng, Kuo (Chinese Taipei)	2001	# <sup>1</sup>		•		
4.	Mr. S. Siswoko (Indonesia)	2002			#		
5.	VPH Shinsuke Ota (Japan)	2006	•		•		
6.	Mr. Wang Xiodong (China)	2008	#				
7.	Dr. Mohammad Amin Mohd Soom (Malaysia)	2011	•		•		
8.	Mr. Uttam Raj Timilsina (Nepal)	2011	•		•		
9.	Mr. Arthon Suttigarn (Thailand)	2012			•		
10.	Dr. Aynur Fayrap (Turkey)	2012			•		
11.	Dr. Kota Tirupataiah (India)	2012			•		
12.	Secretary General, ICID				#		
<b>Observers/ Permanent observers</b>							
(i)	FAO Representative (Dr. Klaus Siegert)						
(ii)	ICARDA Representative (Dr. Theib Oweis)						
(iii)	VPH 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)						
(ix)	Mekong River Basin Representative						

<sup>1</sup> # Represented

**ASIAN REGIONAL WORKING GROUP (ASRWG)**

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

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

**7. WT draft time schedule**

<b>Time</b>	<b>Activity</b>	<b>Members involved</b>	<b>Remark</b>
2013	<ul style="list-style-type: none"> <li>1<sup>st</sup> WT workshop at Mardin IEC (internal WS in ASRWG)</li> </ul>	<ul style="list-style-type: none"> <li>Taiwan, Turkey, Iran, Japan, Korea, Thailand</li> </ul>	<ul style="list-style-type: none"> <li>Mardin, Turkey</li> </ul>
2014	<ul style="list-style-type: none"> <li>Int'l Workshop by members and the invited non-WT member countries in ASRWG-WT on case study of project with Template.</li> <li>Leading Int'l agencies, Policy on ODA project for rural development</li> </ul>	<ul style="list-style-type: none"> <li>WT- Malaysia, Taiwan, Thailand, Japan, Iran India, Korea, Turkey (8), Indonesia, Philippines, Laos, India, Iraq, Nepal, Pakistan, Myanmar, Uzbekistan, Cambodia, China (11) etc.</li> <li>FAO, ADB, JICA, IWMI, KOICA.(5)</li> </ul>	<ul style="list-style-type: none"> <li>➤ Seoul, Korea</li> <li>➤ During the Congress</li> </ul>
2015	<ul style="list-style-type: none"> <li>2<sup>nd</sup> WT workshop at Montpellier IEC (internal WS in ASRWG)</li> <li>Contribute to WWF-7 in Daegu , Korea</li> <li>Publish Final report?</li> </ul>	<ul style="list-style-type: none"> <li>WT members and Chairman,</li> </ul>	<ul style="list-style-type: none"> <li>France, Daegu, Korea</li> </ul>
2016	<ul style="list-style-type: none"> <li>3<sup>rd</sup> WT workshop at IEC (internal WS in ASRWG)</li> </ul>	<ul style="list-style-type: none"> <li>WT member</li> </ul>	<ul style="list-style-type: none"> <li>Chiang Mai, Thailand</li> </ul>
2017	<ul style="list-style-type: none"> <li>Collect and select papers</li> <li>Publish Final report</li> </ul>	<ul style="list-style-type: none"> <li>WT members and Chairman,</li> </ul>	
2018	<ul style="list-style-type: none"> <li>Contribute to WWF-8</li> </ul>	<ul style="list-style-type: none"> <li>WT members and Chairman</li> </ul>	

**ASIAN REGIONAL WORKING GROUP (ASRWG)**  
**INTERNAL WORKSHOP ON**  
**"CONTRIBUTION OF AGRICULTURAL WATER FOR THE**  
**DEVELOPMENT OF RURAL SOCIETY IN ASIA"**  
**02 October 2013 11:00 – 12:30 Hours (Session II)**  
**Mardin, Turkey**

**Theme:** *"How does agricultural water management contribute to the development of rural society in Asia?"*

**Time/ Hours**

11.00-11.05	Opening – Dr. Karim Shiati, Chairman, ASRWG
11.05-11.15	Prof. Tai-Cheol Kim, Chairman, ASRWG-WT
11.15-11.30	Presentation I: Dr. Park (Korea)
11.30-11.15	Presentation II: Dr. Kota Tirupataiah (India)
11.45-12.00	Presentation III: Mr. Fujiwara (Japan)
12.00-12.15	Presentation IV: Ms Aynur Fayrap (Turkey)
12.15-12.30	Discussion and closing: Prof. Kim

**PUBLICATIONS OF THE WORKING GROUP**  
**ASIAN REGIONAL WORKING GROUP (ASRWG)**  
**(Draft only – PI add/delete/improve as appropriate)**  
**Established: 1996**  
**Convener: Dr. Karim Shiati (Iran)**

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Technical report on <i>"Contribution of Agricultural Water to the Rural Development in Asia"</i>				
2	Proceedings of the Workshop/Conference, if any				
Filled by:					
Date:					

**ASIAN REGIONAL WORKING GROUP (ASRWG)**

**Three-year work plan**

<b>Activity</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>Linkages for International Cooperation</b>  WT-PAWEES-ICID Collaboration	Establishment of ASRW-WT to develop action plan for collaboration, Mardin, Turkey  Research projects with PAWEES at PAWEES Conference, Korea, 2013		
ASRWG-WT on "Contribution of Agricultural Water to the Rural Development in Asia"	Firming up mandate, scope and timeline for assignment, Mardin, Turkey  Internal workshop, Mardin, Turkey	International Workshop by members and Invited non-WT members, Seoul, Korea	2 <sup>nd</sup> WT workshop at Montpellier  Contribution to WWF-7 in Daegu, Korea
Technical Report by WT on "Contribution of Agricultural Water to the Rural Development in Asia"	Responsibility allocation with timeline	Review the draft report, Gwangju, Korea	Prepare the final report
MoU – TUCID and IRNCID	Will be signed in Mardin, Turkey		
International workshop		International Workshop of ASRWG-WT, Seoul, Korea	

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**AGENDA FOR THE 24<sup>TH</sup> MEETING OF THE  
AFRICAN REGIONAL WORKING GROUP (AFRWG)  
02 October 2013, 09.00-10.30 hours [Session I]  
02 October 2013, 11.00-12.30 hours [Session II]  
Mardin, Turkey  
Presented by the Chairman**

**Year of Establishment: 1994**

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**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.

**Website:** <<http://www.icid.org/afrwg.html>>

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**AFRWG Agenda Item 1: Action taken report by Chair**

1. Chairman/ Vice Chairman may like to present a report regarding actions taken on the decisions taken by the WG at its last meeting held in Adelaide.

**AFRWG Agenda Item 2: Review of membership of the group and countries**

**AFRWG Agenda Item 2.1: Election of new Chair of the group**

2. In February 2013, Dr. Andrew Sanewe informed that he will not be able to continue as Chairman of the WG and also will not be attending the First World Irrigation Forum (WIF1). In absence of the Chairman, the Vice Chairman may conduct the meeting. The WG may like to nominate a new Chair at the meeting.

**AFRWG Agenda Item 2.2: Membership of the group**

3. The existing membership of the group and their attendance at last two meetings is given in **Annex 1**. The Zimbabwe Committee on Irrigation and Drainage (ZwCID) nominated Dr. Conrad Zawe for the membership of the WG. In consultation with the Central Office, Vice Chair recommends that Dr. Zawe may be accepted for the membership of the WG.

**AFRWG Agenda Item 2.3: Membership of African countries**

4. Presently, only 10 countries are active members of ICID, while 13 countries have become inactive.

5. Vice President Dr. Gerhard Backeberg has liaised with some inactive countries and as a result National Committees of Zimbabwe (ZwCID) and Malawi (MLCID) have reactivated their membership. Subsequently, Zambia has reactivated its National Committee (ZACID) in December 2012. In August 2013, Nigeria has informed about reactivating its National Committee (NINCID). Representative of ZwCID, MLCID, ZACID and NINCID may like to provide further updates.

6. Dr. Backeberg has communicated with his contacts in Madagascar and Mozambique and encouraged them to reactivate their membership. VPH Reinders, V P Dr. Backeberg, and Dr. Sanewe are also trying to bring in some more member countries of SARIA/ East Africa under ICID fold. VP Dr. Backeberg/ SANCID representative may like to apprise further updates.

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

**AFRWG Agenda Item 3.1: AFRICA 2013, Ethiopia**

7. An International Conference and Exhibition "Africa 2013" with the theme "Water Storage and Hydropower Development to Africa" was organized by Aqua-Media International in cooperation with International Commission on Large Dams (ICOLD), Ethiopian Electric Power Corporation (EPEPCO), and in partnership with ICID from 16 to



18 April 2013 at Addis Ababa, Ethiopia. Dr. Adama Sangare, Vice President, ICID and President of Malian National Committee of ICID (AMID) participated in the event spoke on irrigation and food security challenges for Africa. The session on "Multipurpose water storage facilities" with focus on irrigation and food security was of particular interest to ICID. Further details of the Conference can be viewed at <[http://www.hydropower-dams.com/AFRICA\\_2013\\_Overview.php?c\\_id=266](http://www.hydropower-dams.com/AFRICA_2013_Overview.php?c_id=266)>.

**AFRWG Agenda Item 3.2: SARIA Workshop, February 2013, Zimbabwe**

8. The Southern African Regional Irrigation Association (SARIA) successfully organized a capacity building workshop on 'Agricultural Water use for Homestead Food Gardens' from 12 to 13 February 2013 at Victoria Falls, Zimbabwe. The workshop focused on capacity building and training on agricultural water use for homestead food gardens and the use of non-conventional water resources in peri-urban agriculture. The event was organized and hosted jointly by the newly activated Zimbabwe Committee on Irrigation and Drainage (ZwCID) and the Zimbabwean Ministry of Agriculture, Mechanization and Irrigation Development.

9. The workshop was followed by the 11<sup>th</sup> SARIA Steering Committee meeting during 13-14 February 2013. A total of 24 delegates drawn from 10 SADC countries, viz. Botswana, Democratic Republic of Congo (DRC), Lesotho, Malawi, Namibia, South Africa, Swaziland, Tanzania, Zambia and Zimbabwe participated in the workshop. Currently, SARIA has five active ICID national committees (Malawi, South Africa, Tanzania, Zambia and Zimbabwe). During the SC meeting, Lesotho has indicated interest in joining ICID.

SARIA representative may like to provide further developments.

**AFRWG Agenda Item 3.3: Symposium on 'Irrigation in a Changing Environment', November 2012, South Africa**

10. The South African National Committee (SANCID) organized a Symposium on 'Irrigation in a Changing Environment' in November 2012 at Drakensberg, South Africa. The symposium deliberated on environmental, social and economic challenges currently facing the irrigation and drainage sector in South Africa. About 100 delegates from government institutions, universities, research institutes, commercial companies attended the event. A technical tour to visit the Drakensberg Pumped Storage Scheme was organized. Mr. Felix Reinders, Vice President Hon., and Chairman of SANCID provided an overview of SANCID's contribution during past 20 years to South African irrigation and the ICID fraternity. SANCID will host the next Symposium in 2014 and also celebrate its 21st anniversary of its establishment.

11. SANCID has invigorated its website <[www.sancid.org.za](http://www.sancid.org.za)>. The NC was in the process of preparing a document "History of Irrigation in South Africa" which will be published in 2014. SANCID representative may like to apprise updates at the meeting.

**AFRWG Agenda Item 3.4: 11<sup>th</sup> International Drainage Workshop, September 2012, Cairo, Egypt**

12. Egyptian National Committee (ENCID), the National Water Research Center (NWRC) and the Egyptian Public Authority on Drainage Projects (EPADP) jointly organized and hosted the 11th International Drainage Workshop in Cairo from 22-24 September 2012. The theme of the workshop was "Agricultural Drainage Needs and Future Priorities". The workshop was opened by Eng. Mohamed Bahaa El Dine Saad, the Minister of Water Resources and Irrigation. Secretary General Avinash Tyagi was invited to participate in the workshop. PH Dr. Chandra Madramootoo delivered a keynote address on 'Evolution of Drainage in a Changing Environmental Context'. Proceedings of the workshop were published as CD-ROM and can be requested from ENCID.

**AFRWG Agenda Item 3.5: Strategy for capacity building in Africa**

13. A draft proposal for a Capacity Building Strategy in Africa was being prepared by Dr. Andrew Sanewe. V P Dr. Gerhard Backeberg and the Secretary General Avinash Tyagi have provided detailed comments. It was proposed that the regional nodes viz., Southern Africa (SARIA), Western and Central Africa (ARID) and North Africa will also provide their inputs. In response SARIA and North Africa (represented by ENCID) provided their inputs. It was emphasized that the strategy should focus primarily on human resource development. The entry point of the strategy should be people – human capital; other issues such as financial capital, natural capital, and physical capital should follow this.

14. In absence of regional representatives, the item could not be discussed further at Adelaide meeting. The WG may like to form a small team with a task of putting up a draft strategy paper by circulation so that it can be finalized at 22<sup>nd</sup> Congress in September 2014.

**AFRWG Agenda Item 4: Publicizing working group's activities through a Newsletter and other international publications**

15. At the Tehran meeting (2011) of the WG, Vice Chairman Engr. Aliou Bamba (Mali) volunteered to prepare a draft WG Newsletter based on the speeches/ discussions/ field visits held at 3<sup>rd</sup> African Regional Conference at Mali and other news items of interest from Africa region. Since Engr. Bamba was not present at Adelaide meeting the matter could not be discussed. The TANCID has brought out a 'News Update' in August 2013 and can be accessed at <http://www.tancid.org>. Other member countries are encouraged to bring out similar Newsletter for exchange of information on irrigation and drainage, widely. WG may like to decide the ways and means to bring out its outcome through a Newsletter or other options (**Annex 2**)

**AFRWG Agenda Item 5: Three-year work plan**

16. The three-year work plan of the WG is given as **Annex 3**. The plan includes major events of the group viz. SARIA workshop, SANCID Symposium, and IDW Workshop. The WG may like to revise/ update the work plan in view of the ongoing and planned activities.

**AFRWG Agenda Item 6: Website of the Working Group**

17. The AFRWG website <<http://www.icid.org/afrwg.html>> is functional. Members are requested to access the revised website and provide their comments/ suggestions along with some relevant documents, links etc. for its posting on the group's website.

**AFRWG Agenda Item 7: Any other business**

18. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

19. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCSO meeting on 03 October 2013.



**AFRICAN REGIONAL WORKING GROUP (AFRWG)  
Members and their attendance at 2011 and 2012 Meetings**

Sl. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Dr. Andrew Sanewe, Chairman, 2011 (South Africa)	2009	•		•		
2.	Engr Aliou Bamba, Vice Chairman (Mali)	2011	•				
3.	Engr Raphael L. Daluti (Tanzania)	2011	•				
4.	VPH Dr. Samia El-Guindy (Egypt)	2010	•				
5.	Secretary General, ICID		# <sup>1</sup>				
<b>Observers/Permanent observers</b>							
(i)	FAO Representative						
(ii)	World Bank Representative						
(iii)	Mr. Jean Syroganis Camara (Italy)		•				
(iv)	Mr. A. de Vito (Italy)						
(v)	ARID Representative		•				
(vi)	SARIA Representative		•				
(vii)	AgWa Representative						

<sup>1</sup> #Through representation

**PUBLICATIONS OF THE WORKING GROUP**  
**AFRICAN REGIONAL WORKING GROUP (AFRWG)**  
 Established: 1994  
 Convener: AFRWG Representative

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Manuals				
2	Guidelines				
3	Special Publication as a Book				
4	Proceedings of the Workshop/Conference				
5	Technical Paper				
6	Technical Note				
7	Policy Brief/Position Paper				
8	Compilation of Database				
9	Non-technical Paper/Article				
Filled by:					
Date:					

**AFRICAN REGIONAL WORKING GROUP (AFRWG)**  
**Work Plan (2012-2014)**

2012	2013	2014
SARIA Workshop, March 2012, Pretoria, South Africa	SARIA Workshop on capacity building and training on "Agricultural Water Use for Homestead Food Gardens", February 2013, Victoria Falls, Zimbabwe	SARIA Workshop on capacity building and training in <b>February / March</b> – Venue to be decided
11th International Drainage Workshop (IDW), September 2012, Cairo, Egypt		SANCID Symposium – Venue to be decided
SANCID Symposium, November 2012, KwaZulu-Natal, South Africa		4th African Regional Conference, Tanzania?

**AGENDA FOR THE 19<sup>TH</sup> MEETING OF THE  
EUROPEAN REGIONAL WORKING GROUP (ERWG)**

**02 October 2013, 09.00-10.30, hours [Session I]**

**02 October 2013, 11.00-12.30, hours [Session II]**

**Mardin, Turkey**

**Presented by the Chairman**

**Year of Establishment: 1995**

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**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.

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

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**ERWG Agenda Item 1: Action Taken Report by Chair**

1. The Chairman may like to present a report regarding actions taken on the decisions made during the last meeting of the WG at Adelaide (2012).

**ERWG Agenda Item 2: Review of the membership of the Working Group**

2. The existing membership of the ERWG and their attendance at last two meetings i.e. 2011 and 2012 is given in the **Annex 1**. Updated memberships of European countries are given in **Annex 2**. The details of country representatives, observers, composition of various Work Teams, together with associations with European Professional organizations are available in **Annex 3**.

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

3. The ERWG Water Network includes 5 European professional organizations, 7 National Water Management Associations and 6 European Water Management Institutes (**Annex 3**). The members of the WG were to send the feedback on the interaction or cooperation with any of the above associations.

The Chairman may apprise the members of the WG.

**ERWG Agenda Item 4: Dialogue on Water for Food and Environment**

4. It was agreed that the ICID-ERWG, Central and Eastern Europe Global Water Partnership (CEE-GWP) and World Wide Fund of Nature (WWF) would continue to co-operate with each other. The ERWG members continued the dialogue on WFD and its implementation through tools of the Common Agriculture Policy for the year 2007-2013. The WFD can be accessed at following website: <http://ec.europa.eu/environment/water>

The Chairman may invite the members, who participated in this dialogue, to give feedback for further discussion during the meeting.

**ERWG Agenda Item 5: European Work Team on Water Related Risk Analysis (EWTWRRRA)**

5. The Drought and Flood Work Teams have been merged under the frame of Risk Management by Dr. Vermes (Hungary) to create a new Work Team on "*Water Related Risk Analysis (EWTWRRRA)*". It seemed appropriate to consider the impacts of extreme events on agricultural production in situations of water scarcity and inundation and to develop risk mitigation strategies. Mr. Osmo Purhonen (Finland) presented (2012) the inventory of ongoing water related risk activities and proposed a mandate for the WT as below:

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

6. Central Office has invited nominations from member countries in ERWG for membership of the new Work Team. The Chair of the WT also needs to be elected / nominated. The members of the WT don't have to be members of the ERWG. The WT could include professionals active in the area from different countries and the work could be shared electronically.

7. The Chairman may like to explore the interest of the members in this activity as no member has volunteered to Chair the WT and no nominations have been received for its membership.

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

8. 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. Due to financial constraints, it could not be taken up and continues to be postponed.

9. Prof Peter Kovalenko, Chairman - EWTSIM may provide an update on the above developments. Chairman may like to discuss as to what course of action could be taken to make larger world community to appreciate the issues that Central and Eastern European countries are facing in the irrigation sector.

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

10. The European Work Team on Drainage (EWTDR) covers among others: (a) analysis of existing drainage and lowland management experiences, (b) the new approaches for monitoring of the technical and ecological status of the drainage systems, (c) strategies for drainage systems and lowland management etc. The Work Team normally co-operates with WG-DRG for hosting the International Workshops in Europe focusing on European problems and approaches.

11. Dr. Konstantin P. Tuluzakov (Russia), Chair-EWTDR may like to consider engaging the WT in bringing out a compilation of case studies on low land management experience or new approaches to monitoring the systems, for release during 12<sup>th</sup> International Drainage Workshop in Russia in 2014.

**ERWG Agenda Item 8: Conferences supported by ERWG**

**ERWG Agenda Item 8.1: 12<sup>th</sup> International Drainage Workshop in June 2014 at St. Petersburg, Russia**

12. Dr. (Mrs.) Irina Bondarik may apprise the members on preparations made for the 12<sup>th</sup> International Drainage Workshop (IDW), scheduled to be held during 23-26 June 2014 at St. Petersburg, Russia.

13. At the Adelaide (2012) meeting, it was proposed that ERWG would organize an interim meeting simultaneously with the 12<sup>th</sup> International Drainage Workshop (IDW). It is hoped that a Young Professional Fora (YPF) would also be organized during the 12<sup>th</sup> IDW. The Chairman may like to take a decision on the interim meeting of ERWG during the IDW.

**ERWG Agenda Item 9: ERWG Letter Editorial Board**

14. In absence of any proposal for preparing the 'ERWG Letter' from any National Committee, it was proposed (2012) by UK representative merging the ERWG Letter with the ERWG website. The WG may take a final decision.

**ERWG Agenda Item 10: Publications of the ERWG**

15. During the Adelaide meetings in 2012, it was observed that the Working Groups are lagging behind in bringing out valuable publications based on the mandate and activities of the Working Groups. As suggested in Item 7 (Para 11) the Working Group needs to deliberate and decide upon the publications and provide information in **Annex 4** and submit it to PCSO Chairman, briefly defining the scope, the target audience and the timeframe together with responsibility allocation.

**ERWG Agenda Item 11: Three-Year Rolling Work Plan**

16. In order to complete the mandate and focus on specific activity, a rolling work plan is necessary. The members may evolve a 3-year rolling work plan which should include activities such as workshops, publications etc., with time frame; and responsibility allocation, as per the format in **Annex 5**. The Chairman may present the 3-year rolling work plan to PCSO.

**ERWG Agenda Item 12: Any other business**

17. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

18. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**ERWG Agenda Item 12.1: The ‘Drainage National Day’**

19. Dr. Dominique Rollin (France) or AFIED representative may apprise the members on the ‘Drainage National Day’ celebrated on 31<sup>st</sup> January 2013 in France.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCSO meeting on 03 October 2013.





**EUROPEAN REGIONAL WORKING GROUP (ERWG)**

**Attendance of members at 2011 and 2012 meetings**

Sr. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VP Dr. Laszlo Hayde, Chairman (2010) (Hungary)	2005	•		•		
2.	VPH Prof. Dr. Peter Kovalenko, Vice Chairman(2005) (Ukraine)	1999	•				
3.	Mr. Olli-Matti Verta, Secretary ( Finland)	2011	•		•		
4.	VPH Prof. Dr. Brane Maticic (Slovenia)	1996	# <sup>1</sup>				
5.	Italy representative	1996			#		
6.	Prof. Dr. Ion Nicolaesco (Romania)	1996					
7.	Mr. Pedro Eduardo da Cunha Serra (Portugal)	1996					
8.	Prof. Dr. Svatopluk Matula (Czech Rep.)	1997					
9.	Dr. Antanas Maziliauskas (Lithuania)	1997					
10.	Dipl. Ing. Frederick M. Cate (Austria)	1998					
11.	Spanish representative	1999	#				
12.	Dr. Davor Romic (Croatia)	2002					
13.	Mr. Mati Tonismae (Estonia)	2002	•				
14.	Dr. John Martin (Ireland)	2003					
15.	Mr. Pol Hakstege (The Netherlands)	2007		•	#		
16.	Dr. Irina G. Pankova (Russia) as Young Professional	2007	#		#		
17.	Mr. Claude Alain Vullier (Switzerland)	2007					
18.	Ms. Sabine Walser(Germany) as Young Professional	2011	•				
19.	PH Peter Lee (UK)	2011	•		•		
20.	Dr. Sami Bouarfa (France) to be officially confirmed representative		#				
21.	Dr. Irina Bondarik (Russia)	2012	•		•		
22.	Dr. Klaus-Dieter Vorlop (Germany)	2012	•		•		
23.	Secretary General, ICID		#		#		
<b>Observer</b>							
1.	Mr. Mohammed Binbilidia (IME, France)						
<b>Ex-Officio Member</b>							
1.	VPH Dr. G.G. Gulyuk (Russia), Chairman, ERWG Work Team on Drainage (EWTDR)						

<sup>1</sup> # Represented

**EUROPEAN REGIONAL WORKING GROUP (ERWG)**

**A brief on membership of European countries**

At Adelaide (2012), it was noted that Dr. Michels A. Cuccaro (Italy) had neither been present at the past meetings nor actively contributed to the activities of the WG. The WG decided to replace/ask fresh nomination in place of Dr. Cuccaro. Central Office is in contact (31 July 2012 and 20 May 2013) with ITAL-ICID to send the fresh nomination for the membership of ERWG. Response is still awaited.

Cyprus National Committee of ICID (CYCID) withdrew from ICID membership in 2012 due to the budgetary constraints. Central Office has requested (22 August 2012) CYCID to reconsider its decision on membership of ICID. Response is awaited.

ICID Central Office provided a list of deemed inactive NCs and new (fresh) countries to VPs Dr. Ragab Ragab, Mr. Francois Brelle (France) and Dr. Huseyin Gundogdu (Turkey), requesting (19 October 2012, 02 November & 05 November 2012, respectively) them to encourage and reinvigorate the deemed inactive NCs to be active members and to new countries in their regions for joining ICID.

Vice President Hon. Dr. Ricardo Segura Graino (Spain) informed (21 May 2013) that he would not be able to attend the 1<sup>st</sup> World Irrigation Forum (1<sup>st</sup> WIF) in general and ERWG meeting in particular at Mardin, Turkey in October 2013 due to his retirement. Central Office requested (23 May 2013) Spanish National Committee of ICID to send the fresh nomination for the membership of ERWG. Response is awaited.

The National Committees of Belgium, Bulgaria, Macedonia, Poland, Serbia and Slovak Republic have become inactive in the past. The Central Office is in contact (6 May 2013) with these National Committees for their reactivation. The Central Office has also invited (6 May 2013) Armenia, Albania, Belarus, Bosnia & Herzegovina, French Guinea, Georgia, Latvia, Montenegro and Moldova for joining ICID. In response, Central Office received (9 May 2013) an e-mail from Macedonia National Committee of ICID (MAKCID) explaining financial constraints in paying ICID subscription. Responses from others are awaited.

**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 20 European countries, as below ::

Country Representatives			
<b>Austria</b>	Mr. Frederick M. Cate	<b>Lithuania</b>	Dr. Antanas Maziliauskas
<b>Croatia</b>	Prof. Davor Romic	<b>Portugal</b>	Mr. Pedro Eduardo da Cunha Serra
<b>Czech Republic</b>	Prof. Svatopluk Matula	<b>Romania</b>	Prof. Ion M. Nicolaescu
<b>Estonia</b>	Mr. Mati Tonismae	<b>Russia</b>	Dr. Irina Bondarik
<b>Finland</b>	Mr. Olli-Matti Verta as Young Professional	<b>Slovenia</b>	Prof. Brane Maticic
<b>France</b>	Dr. Sami Bouarfa (to be officially confirmed)	<b>Spain</b>	Representative
<b>Germany</b>	Dr. Klaus-Dieter Vorlop Dr. Sabine Seidel as Young Professional	<b>Switzerland</b>	Mr. Claude Alain Vullier
<b>Hungary</b>	Dr. Laszlo Hayde	<b>The Netherlands</b>	Mr. Pol Hakstege
<b>Ireland</b>	Dr. John Martin	<b>Ukraine</b>	Prof. Peter Kovalenko
<b>Italy</b>	Representative	<b>United Kingdom</b>	Mr. Peter S. Lee

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

**Countries with observer status**

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

**Subordinate Work Teams**

*European Work Team on Water Related Risk Analysis (EWTWRA)*

- Chairman** : *To be elected*  
**Members** : *To be elected*

**European Work Team on Sustainable Irrigation Management (EWTSIM)**

**Chairman** Prof. Peter Kovalenko (Ukraine)  
**Members** Mrs. Helena Aijo (Finland),  
Mr. Frederick M. Cate (Austria),  
Mr. Jan Cermak (Czech Republic),  
Dr. Olga Zhovtonog, Secretary (Ukraine),  
Mrs. Ildiko Zima Szaloki (Hungary)

**Observer** World Bank representative

**European Work Team on Drainage (EWTDR)**

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

**Editorial Board of ERWG Letter (EBLET)**

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

**Water Network**

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

**Five 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

**Seven 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

**Six 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)

**Annex 3** [Appendix IV, Item 2]

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

**Work Results**

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

**Projects**

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

**Annex 4** [Appendix IV, Item 10]

**PUBLICATIONS OF THE WORKBODIES**  
**(Draft only – PI add/delete/improve as appropriate)**  
**EUROPEAN REGIONAL WORKING GROUP (ERWG)**  
**Year of Establishment: 1995**  
**Convener: VP Dr. Laszlo Hayde (Hungary)**

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Manuals				
2	Guidelines				
3	Special Publication as a Book				
4	Proceedings of the Workshop/Conference				
5	Technical Paper				
6	Technical Note				
7	Policy Brief/Position Paper				
8	Compilation of Database				
9	Non-technical Paper/Article				
Filled by:					
Date:					

**Annex 5** [Appendix IV, Item 11]

**EUROPEAN REGIONAL WORKING GROUP (ERWG)**  
**Three-Years Work Plan**  
**(Draft only – PI add/delete/improve as appropriate)**

Activity*	2013	2014	2015
<b>Publications</b>			
<b>Workshops</b>			
<b>Others</b>			

\*Action plan need to be described for each activity with timeline and responsibility allocation.

**AGENDA FOR THE 4<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON IRRIGATION AND DRAINAGE IN THE STATES UNDER  
SOCIO-ECONOMIC TRANSFORMATION (WG-IDSST)**

**02 October 2013, 09.00-10.30 hours [Session I]**

**02 October 2013, 11.00-12.30 hours [Session II]**

**Mardin, Turkey**

*Presented by the Chairman*

**Year of Establishment: 2009**

**Completion of the Mandate: 2015**

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

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**WG-IDSST Agenda Item 1: Action taken report by Chair**

1. The Chairman may like to present a report regarding actions taken on the decisions made during the last meeting of the WG at Adelaide (2012).

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

2. The existing membership of the group and their attendance at last two meetings is given in **Annex 1**. WAPCOS (India) Limited, which has joined ICID as 'Direct Member' under 'Institution' category, has nominated Dr. Rajinder Kumar Gupta (India) for the membership of the WG. The Japanese National Committee (JNC-ICID) has nominated Dr. Katsuyuki Shimizu (Japan) in place of Dr. N. Hachio for the membership of the WG. Based on the CV of the above nominees, Chair recommends and members may endorse the nominations of Dr. Gupta and Dr. Shimizu for the membership of the WG, subject to their attending the meeting in Mardin.

3. On the basis of non-attendance, non-participation, no communication with ICID (ICID by-law 3.6) during the last 2 or more consecutive years, Chair recommends and members may endorse discontinuation of membership of Ms. Kateryna Shatkovska (Ukraine).

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

4. Chairman VPH Prof. Peter Kovalenko (Ukraine) prepared a concept note for generalization of reforming experiences on irrigation and drainage systems in the countries with transition economies. The members have been requested to submit their country experiences to Chairman for its discussion during the Mardin meeting.

The Chairman may invite members to present their country experiences and then apprise the members.

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

5. A list of common and specific problems and their features in the countries under socio-economic transformation was prepared (**Annex 2**) by the chairman and circulated during Adelaide meeting (2012). The members have been requested to provide their feedback on the same to Chairman for updating the matrix and further discussion during the Mardin meeting.

6. Further, VPH Prof. Dukhovny will elaborate on the issue of 'Green water development – way for effective survival in Central Asia' at the meeting.



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

7. In July 2013, VPH Prof. Kovalenko requested members to provide the latest data on irrigated land for the last 5 years together with percentage of irrigated land under surface irrigation, sprinkler and drip irrigation. He also requested to provide information on forms of management commonly used (within the inter-farm and on-farm irrigation networks) and a brief overview on the results of transformation processes over past few years.

8. Central Asia regional information base is available at <[http://www.cawater-info.net/index\\_e.htm](http://www.cawater-info.net/index_e.htm)>. Members may provide updated information and utilize available information for enriching the outcomes of the WG.

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

9. The WG may deliberate on the ways to work together with other International Organizations like GWP who have the experience in developing IWRM strategies. VPH Prof. Dukhovny will make a presentation on “IWRM in Central Asia – Results and Perspectives” at the meeting. The Chairman/Deputy Chairman may apprise the members.

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

10. At Adelaide, the group discussed about the major closed basins (10) in the world and suggested to seek collaboration with Lake Chad Basin Committee (LCBC) in presence of Mr. Tchouadang Kadjonga from Ministry of Agriculture, Chad. Prof Dukhovny was in contact with Mr. Kadjonga for possible collaboration towards identifying and monitoring problems of closed basins.

The Chairman or Prof Dukhovny may apprise the members.

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

11. VPH Prof. Dukhovny informed that SIC ICWC together with IWMI and ICARDA have prepared a strategic concept paper for compiling all possible information on Russian publications and creation of ‘*Russian Centre of knowledge*’ that may serve as framework for sourcing information from other international organizations on the regional and national level. Prof. Dukhovny presented this concept paper (in Russian) in the Conference during 6-8 November 2012 held at Kiev for the information of network of Eastern Europe, Caucasia and Central Asia and to get support from the participants. The revised and updated version of the concept paper will be introduced.

Prof. Dukhovny or Chairman may apprise the members

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

12. WG may explore ways to create awareness about irrigated agriculture. Training in irrigation water management is crucial and pre-requisite for increasing water use efficiency and thereby the food and water productivity. Dr. Shukhrat Mukhamedjanov will make a presentation on “Knowledge base for farmers” at the meeting.

The Chairman may deliberate and apprise the members.

**WG-IDSST Agenda Item 10: Publication of the Working Group**

13. During the Adelaide meetings in 2012, it was observed that the Working Groups are lagging behind in bringing out valuable publications based on the mandate and activities of the Working Groups. The Working Group needs to deliberate and decide upon the publications and provide information briefly defining the scope, the target audience and the timeframe together with responsibility allocation in **Annex 3** and submit it to PCSO Chairman for monitoring the progress during subsequent IECs.

**WG-IDSST Agenda Item 11: Three-year work plan**

14. In order to complete the mandate and focus on specific activity, a work plan is necessary. The members may evolve a 3-year work plan which should include activities such as workshops, publications etc., with time frame; and responsibility allocation, as per the format in **Annex 4**. The Chairman may present the 3-year work plan to PCSO.

**WG-IDSST Agenda Item 12: Any other business**

15. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

16. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCSO meeting on 03 October 2013.



**WORKING GROUP ON 'IRRIGATION AND DRAINAGE IN THE STATES UNDER  
SOCIO-ECONOMIC TRANSFORMATION' (WG-IDSST)**

**Attendance of Members at 2011 and 2012 Meetings**

Sl. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Prof. Peter Kovalenko, Chairman (Ukraine)	2009	•			•	
2.	VPH Prof. Victor A. Dukhovny, Vice Chairman (Uzbekistan)	2009	•			•	
3.	Ms. Kateryna Shatkovska, Secretary (Ukraine)	2010					
4.	Prof. Dr. N. Hatcho (Japan)	2009	•		•		
5.	Mr. Bernard Vincent (France)	2009			•		
6.	Mr. Vladimir B. Kundius (Russia)	2011	•		•		
7.	Secretary General, ICID						
<b>Permanent Observers/Observers</b>							
(i)	Prof. Daene C. McKinney (IWRA)						
(ii)	IPTRID/FAO Representative						
(iii)	World Bank representative						

**WORKING GROUP ON 'IRRIGATION AND DRAINAGE IN THE STATES UNDER SOCIO-ECONOMIC TRANSFORMATION' (WG-IDSST)**

**List of problems and matrix of impact**

Description	GNP	Agrarian production	MDGs	Productivity of lands	Productivity of water	Employment and wellbeing	Sustainability of water supply	Environment	Food security
Change in irrigated area (strong reduction)	-	-	-	-	-	-	-	+	-
Restructuring of lands and land reform	+	+-	+-	+-	+-	-	+-		+-
Growing of water deficit and reduce in water availability		-	-				+-	-	-
Transboundary problems	-	-	-	-	-	-	-	-	-
Changes in market conditions	+-	+-	+-			+-			+-
Reduce investment in water	-	-	-	-	-	-	-	-	-
Failure of water industry	-	-	-	-	-	-			-
IMT	+-	+-	+-	+-	+-	+-	+	+-	+-
Lack of staff and drain of brain	-	-	-	-	-	-	-	-	-
Drainage of reclaimed lands									

**PUBLICATIONS OF THE WORKING GROUP**  
**WORKING GROUP ON 'IRRIGATION AND DRAINAGE IN THE STATES**  
**UNDER SOCIO-ECONOMIC TRANSFORMATION' (WG-IDSST)**  
**(Draft only – PI add/delete/improve as appropriate)**  
**Established: 2009**  
**Convener: VPH Prof. Peter Kovalenko (Ukraine)**

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Manuals				
2	Guidelines				
3	Special Publication as a Book				
4	Proceedings of the Workshop/Conference				
5	Technical Paper				
6	Technical Note				
7	Policy Brief/Position Paper				
8	Compilation of Database				
9	Non-technical Paper/Article				
10	Manuals				
Filled by:					
Date:					

**WORKING GROUP ON 'IRRIGATION AND DRAINAGE IN THE STATES  
UNDER SOCIO-ECONOMIC TRANSFORMATION' (WG-IDSST)**

**Three-Year Work Plan  
(Draft only – PI add/delete/improve as appropriate)**

Activity*	2013	2014	2015
Strengthening network in Central Asia			
Create database on irrigation and drainage in Central Asia			
Develop public-private partnership			
Russian Centre of Knowledge			
Capacity building in irrigation and drainage			
Publications, if any			
Workshops, if any			

*\*Action plan need to be described for each activity with timeline and responsibility allocation.*

<p style="text-align: center;"><b>AGENDA FOR THE 19<sup>TH</sup> MEETING OF THE WORKING GROUP ON YOUNG IRRIGATION PROFESSIONALS FORUM (WG-YPF) 02 October 2013, 09.00-10.30 hours [Session I] 02 October 2013, 11.00-12.30 hours [Session II] Mardin, Turkey Presented by the Chairman</b></p>
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**Year of Establishment: 1993**

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**Mandate:** (1) To provide an international platform for young irrigation and drainage professionals and to encourage and promote a high standard of professional development in the subjects of irrigation, drainage and environment, (2) To facilitate the development, acquisition and wider dissemination of knowledge and information about irrigation, drainage, flood management and environment amongst the young professionals, (3) To maintain and enhance links with national and international youth having interests in the related subjects or the activities relevant to ICID objectives, and (4) To educate young professionals about ICID's role, objectives, activities, structure, constitution and By-laws.

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

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**WG-YPF Agenda Item 1: Action taken report by Chair**

1. Chairman may like to present a report on actions taken on the decisions made by the WG at its last meeting held at Adelaide in 2012.

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

2. The existing membership of the group and their attendance at last two meetings is shown in **Annex 1**. New nominations have been received from the respective National Committees for the membership of the group –

- Dr. Sarfraz Munir (Pakistan)
- Dr. Mohamed Anter Mohamed Moursy (Egypt)
- Dipl. Ing. Jano Anter (Germany)
- Mr. Prashant Gupta (India) in place of Mr. Piyush Ranjan
- Dr. Atsushi Marui (Japan)
- Ms. Pooja Kapoor (India) - 'Direct Membership'

3. Based on the CVs of the above nominees and in consultation with the Central Office, Chair recommends above nominations for the membership of the WG and the members may endorse these nominations subject to their attending the meeting in Mardin.

4. In accordance with ICID by-law 3.6 which stipulate that members of workbodies not contributing by their attendance/ correspondence for two consecutive years shall be replaced and accordingly the Chair recommends discontinuation of membership of Mr. Homan Khaledi (Iran) which WG may like to endorse.

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

5. It was observed during Adelaide meetings (2012) that the participation of YPs is not adequate and needs to be encouraged. Accordingly, with the objective of intensifying the involvement of YPs in ICID activities, CO informed the group about the following actions:

1. National Committee can nominate two Young Professionals' names for free on-line subscription of the ICID Journal on Irrigation and Drainage, subject to issue availability;
2. Initiation of scholarship for e-learning courses;



3. Introduction of a Mentorship program for YPs;
4. The Russian national committee has offered full waiver of the registration fee to young professionals for attending the 12th international drainage workshop in 2014, together with cheap accommodation.

Chair Mr. Yaser Barghi (Iran) and Dr. Yacob Beletse (South Africa) may like to report on the progress on the activation of the young professionals in their countries at the Mardin meeting.

6. Mr. A.R. Salamat (Iran) has forwarded (January 2013) the concise report of the activities carried out by YPF-IRNCID and is available at WG's website <[http://www.icid.org/wg\\_ypf.html](http://www.icid.org/wg_ypf.html)> for wider dissemination. Members are encouraged to send such report to CO highlighting key activities in their country for its posting on website.

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

7. At Adelaide (2012), the group appreciated the efforts made by Chairman Yaser Barghi in developing a page for YPF on 'FACEBOOK' <[www.facebook.com/icid.ypf](http://www.facebook.com/icid.ypf)>. Accordingly, CO requested all members to make best use of YPF on 'FACEBOOK' on regular basis. To bring the YPs together, the WG may explore using 'LinkedIn' for establishment of a network for YPs. Members may discuss ways to use 'FACEBOOK' more effectively.

The Chairman may apprise the members.

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

8. Based on the recommendation of the WG-YPF, PCSO recommended at Adelaide (2012) that ICID should initiate a mentoring of young professionals program in collaboration with National Committees/universities. It was also decided to establish a sub-group to work out the details of the mentoring program. Accordingly, Central Office has prepared a working draft and circulated (13 December 2012) to all potential mentors for their inputs and suggestions on the draft and also their willingness to be a mentor for the program. In response, CO received willingness to be a mentor from VPH Victor Dukhovny, VP Gundogdu and VPH Lucio. To strengthen the program further, YPF may like to provide its inputs. Secretary General proposes to discuss this as part of PCSO agenda during the Mardin meetings. The working draft is available at Annex 5 of PCSO at page no. 59 for discussion and comments.

**WG-YPF Agenda Item 6: Activities of YPF members**

9. As recommended by WG, all the members have been requested to take-up the following activities on priority basis viz. submission of papers for publication in ICID Journal, submit briefs on YPF activities for YPF Newsletter, to compete in WatSave Awards, making presentation at forthcoming WG-YPF meeting, availing 50% waiver in registration fees in WIF1 etc

10. Dr. Shimizu (former member, Japan) informed that they are organizing seminars on irrigation and drainage for young professionals regularly and invite senior experts as a lecturer, who had contributed to ICID for long time. He also informed that they had organized an annual meeting in December 2012 at Tokyo. Dr. Shimizu or Japanese representative may apprise the WG.

Chair may invite other members to make short presentations on their activities.

**WG-YPF Agenda Item 7: Publications of the Working Group**

11. The WG proposes following two publications viz.

- (i) Publication of a newsletter similar to ICID News Update, covering news related to YPs
- (ii) Compiling biography of senior water professionals (in a general/specialized area) from ICID National Committees

The Chairman may apprise the members.

**WG-YPF Agenda Item 8: Three-year work plan**

12. In order to complete the mandate and focus on specific activity, a work plan is necessary. The members may evolve a 3-year work plan which should include WG activities with time frame; and responsibility allocation, as per the format in **Annex 2**. The Chairman is expected to present the 3-year work plan to Chairman - PCSO.

**WG-YPF Agenda Item 9: Any other business**

**WG-YPF Agenda Item 9.1: Special Session for the Young Professionals**

13. It was proposed (2012) that KCID should organize a Special Session for the Young Professionals during the Congress besides regular meeting during the 22<sup>nd</sup> International Congress on Irrigation and Drainage and 65<sup>th</sup> IEC Meeting to be held in September 2014 at Gwangju, Korea. Dr. Sung Hee Lee/ KCID representative may apprise the group about further updates.

**WG-YPF Agenda Item 9.2: UNESCO-IHE Online SOMIS courses**

14. UNESCO-IHE offers a wide range of flexible, high quality, specialized educational solutions to respond to the needs of diverse clients from the professional water arena. The Institute is increasing the flexibility of educational programmes by providing increasing numbers of online courses. ICID has sponsored three Young Professionals (Mr. Esmaeel Bayat and Mr. Nima Najafi from Iran, and Mr. Krishna Prasad Rijal from Nepal) to participate in the online course on 'Service Oriented Management of Irrigation Systems (SOMIS)' organized by UNESCO-IHE from 1 March to 5 July 2013. The course was designed for mid-level irrigation professionals and water managers who are engaged or aspire to engage into sustainable, service oriented, and participatory management of irrigation systems. The feedback from the participants is awaited.

15. Young Professionals are encouraged to express their interest in participating in e-learning courses and suggest the topics of such courses that they would like to learn through distance learning. ICID will contact the YP in due course of time when the courses are offered.

**WG-YPF Agenda Item 9.3: YPF and Universities**

16. It may be advisable to have stronger relationship between national YPF groups and universities in their respective countries in order to inform the new graduates about ICID activities and increase their interest in getting involved with ICID WG-YPF. YPs present may offer to take lead and inform the Chair accordingly.

17. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

18. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCSO meeting on 03 October 2013



**WORKING GROUP ON YOUNG IRRIGATION PROFESSIONALS FORUM (WG-YPF)**

**Members and their attendance at 2011 and 2012 Meetings**

Sr. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Mr. Yaser Barghi, Chairman (Iran)	2010	#		#		
2.	Ir. Fabian Priandani, Vice Chairman (Indonesia)	2010	•		#		
3.	Ms Hayati binti Zainal, Secretary (Malaysia)	2010	•		•		
4.	Mr. Piyush Ranjan (India)	2009	# <sup>1</sup>		#		
5.	Mr. Homan Khaledi (Iran)	2009					
6.	Dr. Yacob Beletse (South Africa)	2010	•		•		
7.	Dr. Sung Hee Lee (Korea)	2011	•				
8.	Mr. Gao Lihui (China)	2011	•				
9.	Ms. Ezee G.C. (Nepal)	2012			#		

<sup>1</sup>#Represented

**WORKING GROUP ON YOUNG IRRIGATION PROFESSIONALS FORUM (WG-YPF)**

**Three-year work plan  
(Draft only – PI add/delete/improve as appropriate)**

<b>Activity*</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b><i>Publications</i></b>			
• Publication of a newsletter			
• Compilation of biography of senior water professionals			
Network of YPs through 'LinkedIn'			
Mentorship Program			
Workshop/ Seminar/ Session		Special session of YPs in 2014	
Participate in Short courses	UNESCO-IHE Online SOMIS course		
YPF and Universities			

*\*Action plan need to be described for each activity with timeline and responsibility allocation*

**AGENDA FOR THE 24<sup>TH</sup> MEETING OF THE  
COMMITTEE ON CONGRESSES/CONFERENCES (C-CONGR)**

**02 October 2013: 13:30-15:00 hours (Session-I)**

**02 October 2013: 15:30-17:00 hours (Session-II)**

**Mardin, Turkey**

**Presented by the Convener**

**Year of Establishment: 1990**

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**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) Vice President Prof. Kim, Tai-Cheol (Korea, 2012), Convener; (2) Mr. Mehrzad Ehsani, Iranian representative; (3) Australian representative; (4) Dr (Mrs) Irena Bondarik, Russian representative; (5) Dr Hassan Amer, Egyptian representative; (6) Dr. Dominique ROLLIN, French representative; (7) Mrs. Serpil Koylu, Turkish representative; (8) Dr. Arthon Suttigarn, Thai representative; and (9) Dr. Vijay K. Labhsetwar, ICID Central Office, representing Secretary General.

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

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**C-CONGR Agenda Item 1: Action Taken Report by Chair**

1. Convener may like to present a report regarding actions taken on the decisions made during the last meeting of the Committee at Adelaide (2012).

**C-CONGR Agenda Item 2: Membership of the Committee**

2. The Committee is composed of a Convener, who will be a member of the Organizing Committee of the next Congress and other members are representatives from the host organizing National Committees of previous, present and future ICID events.

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

3. Ms. Serpil Koylu, representative from Turkish National Committee of ICID (TUCID) may apprise the Committee about the overview of outcomes of Mardin meetings.

**C-CONGR Agenda Item 3.1: First World Irrigation Forum (1<sup>st</sup> WIF)**

4. The Committee will consider the outcome and organizational matters together with shortcomings emerging from the First World Irrigation Forum (WIF-1) and learn lessons or make suggestions for better organization of the Second World Irrigation Forum (WIF-2).

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

**C-CONGR Agenda Item 4.1: Feedback from 21<sup>st</sup> ICID Congress and 62<sup>nd</sup> IEC, Iran in October 2011**

5. Mr. Mehrzad Ehsani from Iranian National Committee of ICID (IRNCID) may brief the Committee on IRNCID experiences in organizing the Congress and 62<sup>nd</sup> IEC in October 2011 at Tehran, Iran.

**C-CONGR Agenda Item 4.2: Feedback from 63<sup>rd</sup> IEC and 7<sup>th</sup> Asian Regional Conference, Australia, June 2012**

6. Representative from Australian National Committee may brief the Committee on the feedback from organizing the 63<sup>rd</sup> IEC and 7<sup>th</sup> Asian Regional Conference (ARC) on 24-29 June 2013 at Adelaide, Australia.

7. The theme of the 7<sup>th</sup> ARC was “*Regional Cooperation for Water and Food Security*”. More than 500 delegates from 56 countries, of which about 200 were foreign delegates, participated in Adelaide events. About 32 ICID Workbody meetings, along with the four International/internal Workshops were held: (i) ‘Adaptive Flood Management’; (ii) ‘Country Policies and Developments of Water for Bio-Energy and Food’; (iii) ‘Irrigation, Water Quality and Environmental Flows’; and (iv) ‘Historical Water Sustainability: Lessons to Learn’. A total of 22 papers were presented during the workshops. The papers received for 7<sup>th</sup> Asian Regional Conference were presented in numerous parallel sessions held over a period of 3 days.

8. Mr. Tony Burke, Minister for Sustainability, Environment, Water, Population and Communities addressed the gathering through prerecorded video while Hon. Jay Weatherill, Premier of South Australia also welcomed the delegates and gave a talk on Murray Darling Basin Plan. President Dr. Gao Zhanyi delivered the keynote on ‘Water and Irrigation for Food Security’ ([http://ppts.icidonline.org/adelaide/pres\\_inagu\\_add\\_adelaide.pdf](http://ppts.icidonline.org/adelaide/pres_inagu_add_adelaide.pdf)). Mr. Peter Toome, Chair IAL and Mr. Thierry Facon of FAO also made presentations on the occasion.

**C-CONGR Agenda Item 4.3: Feedback from 11<sup>th</sup> International Drainage Workshop, Cairo, Egypt, September 2012**

9. Vice President Hon. Dr. M.H. Amer Egyptian National Committee may brief the Committee on the feedback from organizing the 11<sup>th</sup> International Drainage Workshop in Cairo, Egypt from 22-24 September, 2012.

10. The 11<sup>th</sup> International Drainage Workshop, organized and hosted by the Egyptian National Committee (ENCID), the National Water Research Center (NWRC) and the Egyptian Public Authority on Drainage Projects (EPADP) in Cairo, Egypt from 22-24 September, 2012. The main theme of the workshop was “*Agricultural Drainage Needs and Future Priorities*”. The Workshop brought together more than 175 participants from 15 countries representing governments, UN agencies, intergovernmental organizations, academia, business and industry, non-governmental organizations (NGOs), indigenous groups, youth and the media to discuss current needs for agricultural drainage and future priorities. The workshop was opened by the Minister of Water Resources and Irrigation Eng. Mohamed Bahaa El Dine Saad. Secretary General Er. Avinash Tyagi also attended the workshop. Other ICID dignitaries attending the workshop included Vice Presidents Honoraire Mahmoud Abu Zeid, Hussein El Atfy, Safwat Abdel Dayem, Ragab Ragab, and Dr. Shaden Abdel Gawad. President Hon Professor Dr Chandra Madramootoo delivered a keynote address at the workshop entitled: ‘*Evolution of Drainage in a Changing Environmental Context*’.

**C-CONGR Agenda Item 5: 22<sup>nd</sup> ICID Congress with 65<sup>th</sup> IEC meeting, 14-20 September 2014, Gwangju Metropolitan City, Republic of Korea**

**C-CONGR Agenda Item 5.1: Review and discuss the preparations of the 22<sup>nd</sup> ICID Congress**

11. Representative from Korean National Committee of ICID (KCID) may apprise the Committee about the preparations and detailed planning for the 22<sup>nd</sup> ICID Congress with 65<sup>th</sup> IEC meeting.

12. The 22<sup>nd</sup> International Congress on Irrigation and Drainage and 65<sup>th</sup> International Executive Council (IEC) will be held during 14-20 September 2014, organized and hosted by Korean National Committee on Irrigation and Drainage (KCID) at Gwangju Metropolitan City, Republic of Korea. The theme of the Congress is “*Securing Water for Food and Rural Community under Climate Change*”.

13. The National Organizing Committee (NOC) has been established and held its first meeting on 21<sup>st</sup> February 2013 for fast track preparations for the ICID Congress in 2014. The members of the NOC are – (i) Mr. Daesu Eo, Secretary General; (ii) Mr. Yong Jin Kim, Director of planning; (iii) Dr. Young D. Kim, Executive Secretary (technical committee); (iv) Mr. Namjoo Heo, Assistant Secretary (administration and other matters); (v) Ms. Yoonjeong Noh, Assistant Secretary (accounts and publications); (vi) Mr. Hoon Sun Lee; Executive Secretary of KCID; and (vii) Ms. Sung Min Kim, Assistant Secretary of KCID. In all, 37 members (government officials, professors, engineers and experts from the public and private sectors) participated in the 1st meeting of NOC.

**C-CONGR Agenda Item 5.2: The Questions and sub-topics of the 22<sup>nd</sup> ICID Congress**

14. The Questions and sub-topics of the 22<sup>nd</sup> ICID Congress have been approved by PCTA/IEC at Tehran (Iran) Congress 2011 and are given at **Annex**. The call for papers has been issued and can be accessed at <http://www.who.int/dg/chan/en/index.html>. The financial proposal for the 22<sup>nd</sup> ICID Congress has been

received and will be discussed in the Permanent Finance Committee (PFC) meeting on 03 October 2013 at Mardin.

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

15. Special Round Table for LDCs will be organized to focus on irrigation and drainage related problems in LDCs from Africa and Asia. To encourage their participation, sponsorship may be provided by KRC and KOICA from Korea. The theme for discussion could be “Contributions of irrigation water to rural development in LDCs”.

16. Mr. Daesu Eo, Secretary General of National Organizing Committee (NOC), may apprise the committee on the Round Table discussion format, speakers, time etc.

**C-CONGR Agenda Item 5.4: General Reporters / Panel Experts**

17. The General Reporters (GRs) and Panel Experts (PEs) for the Congress are to be recommended by the Permanent Committee for Technical Activities (PCTA) based on the nominations received from National Committees and concerned Working Groups after Mardin meetings.

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

**C-CONGR Agenda Item 6.1: 12<sup>th</sup> International Drainage Workshop (IDW), St., Petersburg, Russia, June 2014**

18. Dr. (Mrs) Irena Bondarik, the representative from Russian National Committee of ICID (RuCID) may apprise the Committee about the status of preparation and planning of the 12<sup>th</sup> International Drainage Workshop (IDW) to be held during 23-26 June 2014 at St. Petersburg, Russia. The financial proposal for the 12<sup>th</sup> IDW has been received and will be discussed in the Permanent Finance Committee (PFC) meeting on 03 October 2013 at Mardin.

**C-CONGR Agenda Item 6.2: 66<sup>th</sup> IEC and 26<sup>th</sup> ERC, France, Montpellier, October 2015**

19. Dr. Dominique ROLLIN, representative from French National Committee of ICID (AFEID), may apprise the Committee about the progress made on the preparations for the 66<sup>th</sup> International Executive Council meeting and 26<sup>th</sup> European Regional Conference (ERC) to be held during 11-16 October 2015 at Montpellier, France. They are requested to submit their financial proposal for consideration of IEC in 2014 at the time of 22<sup>nd</sup> ICID Congress in Korea.

**C-CONGR Agenda Item 6.3: 67<sup>th</sup> IEC and 2<sup>nd</sup> World Irrigation Forum, Chiang Mai, Thailand, 2016**

20. Dr. Arthon Suttigarn, the representative from Thai National Committee on Irrigation and Drainage (THAICID) may apprise the Committee about the status of preparation and detail planning of the 67<sup>th</sup> IEC and 2<sup>nd</sup> World Irrigation Forum to be held in 2016 at Chiang Mai, Thailand. The Committee may make suggestions on the issues that need special attention to overcome the shortcomings of WIF-1.

**C-CONGR Agenda Item 7: Proposals for future ICID Conferences**

21. ICID Central Office has invited proposals from our National Committees for the future ICID events. The responses are:

- (a) **ZwCID's candidacy** : Central Office has received an expression of interest from Zimbabwe Committee on Irrigation and Drainage (ZwCID) for hosting 23<sup>rd</sup> International Congress on Irrigation and Drainage in 2017.
- (b) **IRNCID's candidacy**: Central Office has received has received an expression of interest from Iranian National Committee on Irrigation and Drainage (IRNCID) for hosting the 13th International Drainage Workshop (IDW) in 2017.

**C-CONGR Agenda Item 8: Website of C-CONGR**

22. The ICID Central Office has invited news briefs on ICID events from National Organizing Committees for placing on webpage of C-CONGR through icon 'ICID Events'. Please access <<http://c-congr.icidonline.org>> for more information on ICID events. The Convener may apprise the Committee.



**C-CONGR Agenda Item 9: Any other Business**

23. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

24. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the Committee report to PCSO meeting on 03 October 2013

**QUESTIONS AND SUB-TOPICS FOR THE  
22<sup>ND</sup> ICID CONGRESS, QUESTIONS AND SPECIAL SESSION  
14-20 September 2014  
Gwangju Metropolitan City, Republic of Korea**

**Theme and Questions**

**Theme: Securing Water for Food and Rural Community under Climate Change**

Climate change is an added stressor on the increasingly complex and interlinked issues of rural development, food security under demographic changes, overstretched environmental and natural resources. 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 rural water and food security, especially in the developing countries. Considering the impending climate change, intervention to mitigate the impacts of climate change and consequent extreme climate events, such as floods and drought, have to be factored in all decision making processes in the irrigation and drainage activities. Accordingly, following questions are proposed to be addressed during the 22<sup>nd</sup> ICID Congress.

**Question 58: How Irrigation and Drainage play an important role in Climate Change Adaptation?**

**58.1: Understanding Impacts of Climate Change on Land and Water Use**

Future emission scenarios, downscaling methods, soil-crop-climate model, impact of rising sea levels on coastal agricultural system, methodologies for modeling climate change impacts on land use, land use changes in agricultural landscapes, impacts of bio-energy crop on rural land use, changes in crop production and irrigation patterns, factors in land use change, innovative and adaptive technology for irrigation and drainage, new and renewable energy for irrigation and drainage systems, and smart water grids.

**58.2: Revisiting Design and Operation Criteria for Irrigation and Drainage Facilities**

New design criteria under non-stationarity in hydrologic time series due to changing climate, new project evaluation techniques, case for large storages to meet increasing climate variability, changes in irrigation water demand for crops, operation of reservoir and diversion weirs using agro-climate information, sustainable groundwater usage, development and protection of sea dike, safety of coastal areas under rising sea levels.

**58.3 Managing Frequent Floods and Droughts**

Integrated flood management, flood risk assessment, flood forecasting, floods and drought risk and vulnerability assessment, drought index and evaluation, drought early warning, drought prevention through irrigation.

**Question 59: How do Irrigation and Drainage Interventions secure food production and livelihood for rural community?**

**59.1: Securing Water and Livelihood of Rural Community**

Food and irrigation water security, improvement of livelihood of rural community with irrigation, assessment of irrigation and drainage system impacts on rural community, multiple roles for irrigation water, use of poor quality water, financing of irrigation and drainage projects, institutions for operation and maintenance of irrigation and drainage systems and role of rural community, participatory irrigation management (PIM) and capacity building, changes in farm and natural ecology due to irrigation and drainage.

**59.2: Improving Irrigation Efficiency**

Water harvesting and conservation, artificial recharge of ground water, water saving techniques, automated and rotational irrigation scheduling systems, measurement of water delivery and application, rehabilitation and modernization of irrigation and drainage facilities, new technologies to improve irrigation efficiency, current trends and new technologies in micro-irrigation, agricultural productivity and micro-irrigation, micro-irrigation system design, efficiency of integrated irrigation and drainage management systems, conjunctive use of surface and ground water, water productivity and efficiency in greenhouse farming.

**59.3 Water Sharing and Water Transfer in Water Stressed Areas**

Inter-basin cooperation for productive use of limited water resources, system of water use rights, water conflict resolution, effective use of series of cascade dams, integrated network and conjunctive use among water utilities, water transfer within the domestic watersheds and in the international rivers and conflict resolution.

**Special Session and Symposium**

**Special session: New Partnership for Rural Development**

Prospective sub-topics for the special session may include the following:

- Evaluation of the international cooperation for rural development in the 20<sup>th</sup> century
- New trends in international cooperation for rural development in the 21<sup>st</sup> century
- Implementation strategy for the activation of rural development project in Overseas Development Assistance (ODA)
- Role of UN agencies, donor countries and institutions for holistic implementation of ODA
- Projects for rural development.
- Roles and contributions of ICID member countries and other NGOs to the successful advancement of MDG's goal

**Symposium: Non-point Sources Pollution (NPS) and Best Management Practices (BMPs)**

Prospective sub-topics for the symposium may include the following:

- Water quality assessment and management of water from 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
- Regulation of NPS pollution and issues in compliance
- Role of markets in optimizing NPS pollution reduction
- Minimizing cost of NPS pollution reduction



**AGENDA FOR THE 33<sup>RD</sup> MEETING OF THE  
PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)**

**04 October 2013 : 09:00-12:30 Hours (Session I)**

**04 October 2013 : 13:30-17:00 Hours (Session II)**

**Mardin, Turkey**

**Mandate:** The Permanent Committee for Technical Activities will be concerned with all the technical activities of the Commission including all publications of ICID. It will be responsible for activities of the technical work bodies, for selection of Questions/Themes for Congresses, Conferences, Special Sessions, Symposia, etc., for settlement of the technical conclusions thereof and for making appropriate recommendations for action thereon.

**Members:** (1) Vice President Hon. Dr. Felix B. Reinders, Chairman (South Africa, 2010); (2) Dr. Willem F. Vlotman, Vice Chairman (Australia, 2011); (3) Dr. Nikolay G. Kovalev (Russia, 2007); (4) Mr. Hasan B. Yuksel (Turkey, 2007); (5) Vice President Hon. Mr. A.K. Bajaj (India, 2008); (6) Vice President Engr. Husnain Ahmad (Pakistan, 2009); (7) Vice President Hon. Dr. Mark Svendsen (USA, 2010); (8) Prof. Graziano Ghinassi (Italy, 2012); (9) Prof. Masayoshi Satoh (Japan, 2012) and (10) Secretary General, ICID

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

**Ex-Officio Members:** All Strategy Theme Leaders and Chairpersons of all workbodies under PCTA. Ex-Officio Member Vice President Hon. Larry D. Stephens (USA), Chairman, C-PR&P as Secretary (PCTA).

**PCTA Agenda Item 1: ATR on the Minutes of the 32<sup>nd</sup> Meeting of PCTA, Adelaide, 27 June 2012**

1. An Action Taken Report (ATR) on the last minutes of the PCTA meeting at Adelaide is given at **Annex 1**.

**PCTA Agenda Item 2: Membership of the PCTA and Workbodies**

2. The PCTA will review its membership and also consider the proposals from the Chairpersons of various workbodies associated with it for making recommendations to IEC on the changes in the membership of various working groups.

3. The relevant ICID by-laws governing the membership of ICID workbodies/permanent committees are reproduced in **Annex 2** for ready reference.

4. Accordingly, the following members have completed their tenure of six years as members of PCTA and the same has been communicated to the respective NCs, seeking suitable replacements.

- Dr. Nikolay G. Kovalev (Russia, 2007)
- Mr. Hasan B. Yuksel (Turkey, 2007)

5. No new nominations have been received for the membership of PCTA. The new nominees might be proposed at the meeting by the Secretary-General, in consultation with the President.

**PCTA Agenda Item 3: Improvement in the functioning of Workbodies**

6. Vide Resolution No.63<sup>rd</sup>IEC-2/63, the Council has adopted the procedures for improving the workbody functions (Annex R2.2 of 63<sup>rd</sup> IEC minutes, page 25) following the recommendation of PCTA. Salient points of these adopted procedures are given below for the immediate perusal of Chairs and Members of workbodies.

- (a) Number of WGs and TFs will be kept to a minimum.
- (b) Establishment of a new workbody or extension of an existing workbody will be considered only if the proposal in this regard is submitted with a "Scoping Document" outlining the newly proposed workbody's Objectives, State of Knowledge on the Topic and Work Plan (Refer Annex R2.2 (B) of the Minutes of 63<sup>rd</sup> IEC Meeting, page 27).
- (c) New workbody proposals with focused mission, and short duration be given preference.

- (d) The tenure of the workbody automatically ends at the end of 6<sup>th</sup> year of its establishment and extension, if any, for one year will be considered on submission of a new proposal with a “Scoping Document”.
- (e) Chairs of workbodies will report to the PCTA meeting on the progress towards achieving the goals of their workbodies.
- (f) Chairs of the WGs should utilize the allotted meeting time in a productive manner to discuss technical matters of interest to workbody, giving shortest possible time for matters of administrative nature,
- (g) ICID has made annual budgetary allocations for bringing out at least two publications in the form of workbody outputs. However the decision in the matter is vested with the Chair, PCTA.
- (h) To enable policy decision making at regional and global levels, ICID may utilize its network to establish reliable databases in the areas like Storage Statistics, Irrigation & Drainage Statistics, etc.
- (i) To bring out the publications in the form of Manuals, Guidelines and Special Publications under a workbody, the approval will be given by PCTA/IEC. However, the proceedings of the workshops/conferences, technical paper, technical note, policy brief/position paper, database and non-technical paper/article, the workbody may decide itself (Refer Annex R2.2 (A) of Minutes of 63<sup>rd</sup> IEC Meeting, page 27)

7. The members are requested to suggest any further improvements in the procedures adopted at the 63<sup>rd</sup> IEC meeting.

#### **PCTA Agenda Item 4: Review of the activities of Workbodies**

8. Following the decision of the 63<sup>rd</sup> Council on 28 June 2012 (Para 10.4 of the 63<sup>rd</sup> IEC Minutes), a Task Team was constituted under the Chairmanship of Vice President G.R. Backeberg (South Africa) to review the classification of Thematic Areas and the Working Groups associated with each one of them.

9. The Report of the TT presented to the MB is at **Annex 3**. VP Backeberg, Chair of the TT will make a presentation at the PCTA and later at the Council based on his report presented to the MB, for further deliberations.

10. The Chairpersons of the WGs, Task Forces and Co-Theme Leaders of Strategy Themes will make presentations on the activities of their respective workbodies and present their recommendations. In the absence of the Chair, the member chairing the WG meeting may present the report.

#### **PCTA Agenda Item 4.1: Presentation by Workbodies under the Strategy Theme – Systems (ST.S)**

##### ***PCTA Agenda Item 4.1.1: Working Group on Water Saving for Agriculture (WG-WATS)***

Dr. M.H. Amer, Chair of the WG will present the report of the meeting of the Working Group.

##### ***PCTA Agenda Item 4.1.2: Working Group on Drainage (WG-DRG)***

Dr. Willem Vlotman, Chair of the WG will present the report of the meeting of the Working Group.

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

Mr. Peter S. Lee, Chair of the WG will present the report of the meeting of the Working Group.

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

Dr. Gerhard R. Backeberg, Chair of the TF will present the report of the meeting of the Working Group.

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

Mr. Laurie C. Tollefson, Chair of the TF will present the report of the meeting of the Working Group.

#### **PCTA Agenda Item 4.2: Synthesis and recommendations by Co-Theme Leaders on Systems (ST.S) [VP Gerhard R. Backeberg (South Africa) and VP Hüseyin Gündoğdu (Turkey)]**

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

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

VPH Mr. Franklin E. Dimick, Chair of the WG will present the report of the meeting of the Working Group.

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

Dr. Ruey-Chy Kao, Chair of the WG will present the report of the meeting of the Working Group.

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

Dr. Sylvain Roger Perret, Chair of the WG will present the report of the meeting of the Working Group.

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

Dr. Kamran Emami, Chair of the WG will present the report of the meeting of the Working Group.

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

VPH Dr. Mark Svendsen, Chair of the WG will present the report of the meeting of the Working Group.

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

Dr. Kamran Emami, Chair of the TF will present the report of the meeting of the Working Group.

**PCTA Agenda Item 4.4: Synthesis and recommendations by Co-Theme Leaders on Basin (ST.B) (VP Chaiwat Prechawit (Thailand), VP Adama Sangare (Mali) and VP Laurie C. Tollefson (Canada))**

**PCTA Agenda Item 4.5: Presentation by Workbodies under the Strategy Theme – On-Farm (ST.OF)**

**PCTA Agenda Item 4.5.1: Working Group on Water and Crops (WG-CROP)**

VPH Dr. Ragab Ragab, Chair of the WG will present the report of the meeting of the Working Group.

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

Dr. (Mrs.) Samia El-Guindy, Chair of the WG will present the report of the meeting of the Working Group.

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

VPH Mr. Felix B. Reinders, Chair of the WG will present the report of the meeting of the Working Group.

**PCTA Agenda Item 4.6: Synthesis and recommendations by Co-Theme Leaders on On-Farm (ST-OF) (VP Ragab Ragab (UK) and VP Kim, Tai-Cheol (Korea))**

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

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

VPH Mr. Larry D. Stephens, Chair of the Committee will present the report of the meeting of the Working Group.

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

PH Prof. dr. Bart Schultz, Chair of the EB will present the report of the meeting of the Working Group.

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

Dr. Kamran Emami, Chair of the WG will present the report of the meeting of the Working Group.

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

Mr. Shinsuke Ota, Chair of the TF will present the report of the meeting of the Working Group.

**PCTA Agenda Item 5: Follow up on Intensification of Research Program**

11. Vide Resolution IEC-26/3, the Council established a Task Team to further elaborate in the form of a “Program Document”, the Concept Note on “Intensification of Irrigation and Drainage Research to Achieve Global Food Security” approved at the 61<sup>st</sup> IEC Meeting (Yogyakarta), under the Chairmanship of PH Chandra Madramootoo.

12. The development of the Program Document is in order to orient the new Research Agenda to integrate within the emerging agricultural innovation systems laying emphasis on demand driven research and technology, accompanied by the development of wider competencies, linkages, practices, governance structures, and policies that allow the knowledge generated through Irrigation and Drainage research to be put into productive use. The aim of the ‘Project Document’ is to integrate the working of all the Regional Nodes under the program in a coordinated manner to achieve greater impact on the ground

13. Currently the two regional nodes already established in cooperation with CNCID and IRNCID under the program are working individually. The representatives of the two nodes (or the respective National Committees) may like to present the activities undertaken by them during the last one year. For a third regional node, ENCID has also submitted a proposal last year. The Council may like to recommend the further steps that should be taken to move this agenda forward.

14. PH Chandra Madramootoo may like to apprise the Committee about the development of the Program Document.

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

15. With the introduction of World Irrigation Forum as one of the major initiatives of ICID, as part of its Triennial Cycle of events, taking place in the year preceding the Congress, and falling between two World Water Forums, it is important that the ICID should be able to influence the global debate on water and the role that the Irrigation and Drainage sector can play in moving towards a world which sustainably achieves water security as well as food security. At the same time ICID should be able to constantly provide a lead in exchanging the latest technological developments through its deliberation at its Congress sessions.

16. In order to achieve the above objectives it is important that the questions that are deliberated at the various Congresses, the themes of the various Forums and Conferences and the overall plans of various technical working groups are closely interlinked in order for them to serve the current issues and meet the overall objects of the Commission. It may be pointed out that Committee on Congresses / Conferences (C-CONGR) deals with Congresses and Conferences but mostly with their organizational issues and hence its membership caters to only those aspects.

17. It is therefore important that a sub-committee under the PCTA should deliberate upon the Themes, Topics and Workplans of the various technical events. The Committee may like to debate and decide. The objectives and scope of the sub-committee will be provided to the Committee.

**PCTA Agenda Item 7: Any other business**

18. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatnews.html](http://www.icid.org/co_whatnews.html)

19. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**ACTION TAKEN REPORT ON  
The 32<sup>nd</sup> Meeting of PCTA  
27<sup>th</sup> June, 2012, Adelaide, Australia**

Item	Recommendation	Decision of 63 <sup>rd</sup> IEC	Action Taken
<b>1. Membership of the PCTA and Workbodies</b>			
	Accepted the membership changes in PCTA and the workbodies thereunder.	Accepted the PCTA recommendations as per Resolution IEC-2/63.	The membership changes have been communicated to the NCs.
<b>2. Improvement in the functioning of Workbodies</b>			
	Recommended to adopt the procedures as listed in Annex R2.2 of the Council minutes to streamline the functioning of the workbodies.	Vide Resolution IEC-2/63, the Council adopted the procedures as described in Annex R2.2 for improving the workbody functions.	The same has been referred to Special Committee on Amendments to the Constitution and By-laws set up vide Notification No.7 of 2012 dated 13 September 2012 under the chairmanship of PH Lee to suitably incorporate them in the revised By-laws.
<b>3. Review of the activities of Workbodies</b>			
3.1.2 EB-JOUR	The present agreement with Wiley-Blackwell expired in 2013 and that negotiations are ongoing with Wiley for an agreement for the period 2014-2018.	Accepted the recommendation to renew the Agreement with Wiley for another five years starting from January 2014. Please refer Resolution IEC-2/63.	The new Agreement has been signed for the period 2014-2018.
3.1.3 WG-HIST	Proposed that historic projects be selected for recognition.	Endorsed the proposal.	Accordingly, MB set up a Task Team to work out objectives, guidelines and procedures to select the historical irrigation structures. The Task Team was mandated to present its report to 64th IEC in Mardin.
3.1.4 WG-TRUE	Recommended to close WG-TRUE on completion of its activities.	Agreed to the recommendation vide Resolution IEC-2/63.	The WG-TRUE has been wound up since then.
3.1.5 TF-WWF7	Recommended to set up a new TF to work on contributions of ICID to WWF-7.	Vide Resolution IEC-2/63 decided to establish a TF for preparing ICID inputs to WWF-7 with VPH Mr. Shinsuke Ota (Japan) as Chairman;	Vide Notification No.10 of dated 13 September 2012, TF to Guide ICID Inputs to WWF-7 has been set up. The first meeting of the TF is scheduled to be held in Mardin, Turkey in 2013.
3.3.5 WG-MDG	Recommended that the Working Group be terminated, and the work be taken up by the World Water Forum Task Force.	Endorsed the recommendation.	The WG-MDGs discontinued since then.



**Annex 1** [Appendix VIII, Item 1, Para 1]

<b>Item</b>	<b>Recommendation</b>	<b>Decision of 63<sup>rd</sup> IEC</b>	<b>Action Taken</b>
3.3.8 TF-SEDIMENTATION	Recommended that the Task Force be terminated.	Accepted the recommendation and decided to discontinue TF-SEDIMENTATION.	The TF-SEDIMENTATION has been wound up since then.
3.6.3 WG-ON-FARM	Recommended that the Micro Irrigation Congresses (MIC) be renamed Micro Irrigation Symposium in order to avoid confusion with the ICID Congress in future.	Accepted the PCTA recommendation of renaming MIC as MIS and accepted the proposal to continue these Symposiums in the series of MIC.	Proposals have been invited from NCs for 9 <sup>th</sup> Micro Irrigation Symposium.
<b>4. Follow up on Intensification of Research Program: Setting up of Board of Governors, etc.</b>			
	Recommended that PH Prof. Chandra Madramootoo will develop further the concept note to answer the questions raised in Annex 6.1 of the Council minutes.	Accepted the recommendation.	PH Prof. Chandra Madramootoo has been requested to develop the concept note further as a Project Document.



**RELEVANT PORTIONS REPRODUCED FROM  
ICID BY-LAWS (REVISED AT 63<sup>RD</sup> IEC)**

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

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

**3.8 Permanent Committees**

**General**

3.8.1 The Council may set up Permanent Committees... ..

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

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





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**REPORT BY TASK TEAM INTO THE CLASSIFICATION OF THEMATIC AREAS AND  
THE WORKING GROUPS AND TASK FORCES ASSOCIATED WITH EACH OF THE  
THEMATIC AREAS / STRATEGY THEMES**

**1. Constitution of Task Team**

As per the decision of the 63<sup>rd</sup> International Executive Council (IEC) meeting held in Adelaide, Australia on 28 June 2012 (Para 10.4 of the 63<sup>rd</sup> IEC Minutes), a Task Team was constituted with the following composition:

- |   |          |
|---|----------|
| (a) VP Gerhard R. Backeberg (South Africa), Theme Leader, Systems | - Chair  |
| (b) VP Adama Sangare (Mali), Co-Theme Leader, Basin               | - Member |
| (c) VP Laurie C. Tollefson (Canada), Co-Theme Leader, Basin       | - Member |
| (d) VP François Brelle (France), Theme Leader, Knowledge          | - Member |
| (e) VP Ragab Ragab (UK), Co-Theme Leader, On-Farm                 | - Member |

The terms of reference of the Task Team (TT) was provided by the Secretary General of ICID per e-mail dated 13 September 2012. These were to review the classification of Thematic Areas and the Working Groups associated with each one of them. The Task Team was to submit its report to the Management Board (MB) by 15<sup>th</sup> March 2013. The members of the TT were to interact electronically to formulate their recommendations.

**2. Procedure followed by Task Team**

In an e-mail dated 10 October 2012, the Chair and Convener of the TT proposed (1) a review of classification of the Thematic Areas/Strategy Themes; and (2) a review of classification of Working Groups/Tasks Forces to team members. Target dates for the review were set at 15 December 2012 with completion of the draft report by 15 February 2013 and the final report by 15 March 2013. Due to delays which occurred in the interaction between TT members and time constraints on the part of the Convener, the draft final report was submitted by 21 March 2013 and the final report was completed 26 June 2013.

**3. Recommendations of Task Team**

**3.1 Recommendation on classification of Thematic Areas/Strategy Themes:**

Based on the reasoning provided by the Chair and Convener in the Discussion Paper on the renamed Strategy Theme “Schemes”, it is recommended that the approach of Complex Adaptive Systems is followed as a basis for classification of Thematic Areas/Strategy Themes.

Accordingly it is recommended that the current classification of Thematic Areas/Strategy Themes, namely “Knowledge”, “Basin”, “Schemes” and “On-farm” are endorsed. This classification is comprehensive and systemic and adequately incorporates the focus of technical activities undertaken by ICID member countries and participating representatives of the Work Bodies as well as observers during annual meetings. However, it should be noted that the term for the Strategy Theme “Systems” is changed to the Strategy Theme “Schemes”, as motivated in the above-mentioned Discussion Paper.

**3.2 Recommendation on classification of associated Working Groups/Task Forces**

The current allocation of existing Work Bodies or Working Groups and Task Forces per Thematic Areas/Strategy Themes was reconsidered. For this purpose the Minutes of the Pre-council ICID meetings held in Adelaide were used as a basis. In reviewing this allocation, reference was made to the following topics which are to be addressed under each Thematic Area/Strategy Theme:

**Annex 3** [Appendix VIII, Item 4, Para 9]

- (i) Basin: (a) Policy/planning framework, economic and legal issues, institutional aspects; (b) Water and soil resources management, environment, sustainable development.
- (ii) Schemes: (a) Project management, traditional social structure, user participation, financial aspects; (b) Design, construction, rehabilitation, modernisation, regulation of collective systems.
- (iii) On-Farm: (a) Irrigation management and techniques on farm; (b) Drainage management and techniques on farm and in the catchment
- (iv) Knowledge: (a) Training, research, technology transfer, publications; (b) Flood management.

The recommended allocation of Working Groups/Task Forces under the respective Thematic Areas/Strategy Themes is as follows:

**1. Strategy Theme Knowledge**

**Working Groups/Task Forces:**

- Committee on Public Relations and Publications (C-PR&P)
- ICID Journal Editorial Board (EB-JOUR)
- Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)
- Task Force to guide ICID inputs to World Water Forum 7 (TF-WWF7)
- Task Force on Value Engineering (TF-VE)

**Explanatory notes per Strategy Theme according to Minutes of International Executive Council and Pre-Council Meetings of Work Bodies, 24-28 June 2012, Adelaide, Australia:**

(a) Activities of TF-WWF6 have been concluded and appointment of TF-WWF7 with members approved; (b) Activities of Working Group on Technology and Research Uptake and Exchange (WG-TRUE) concluded in 2012 with recommendation for sub-committee to investigate follow-on activities but no decision recorded by PCTA.

**The Task Team proposes the transfer of Task Force on Value Engineering (TF-VE) from Strategy Theme Basin to Strategy Theme Knowledge.**

**2. Strategy Theme Basin**

**Working Groups/Task Forces:**

- Working Group on Comprehensive Approaches to Flood Management (WG-CAFM)
- Working Group on Global Climate Change and Agricultural Water Management (WG-CLIMATE)
- Working Group on Water Management in Drought Stress Regions (WG-DROUGHT)
- Working Group on Environment (WG-ENV)
- Working Group on Sustainable Development of Tidal Areas (WG-SDTA)
- Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY)

**The Task Team proposes the transfer of Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY) from Strategy Theme Schemes to Strategy Theme Basin. It is also recommended that the Task Force on Water for Bio-Energy and Food be changed to a Working Group on Water for Bio-Energy and Food (WG-BIO-ENERGY).**

**3. Strategy Theme Schemes**

**Working Groups/Task Forces:**

- Working Group on Drainage (WG-DRG)
- Working Group on Water Saving for Agriculture (WG-WATS)
- Task Force on Financing Water for Agriculture (TF-FIN)

**Explanatory notes per Strategy Theme according to Minutes of International Executive Council and Pre-Council Meetings of Work Bodies, 24-28 June 2012, Adelaide, Australia:**

(a) Activities of Working Group on Modernisation of Irrigation Systems (WG-MIS) concluded in 2012; (b) activities of Task Force on Sedimentation (TF-SEDIMENTATION) and Task Force on Millennium Development Goals (TF-MDG) terminated in 2012.

Recommendations for establishment of new Working Groups by Theme Leader Schemes will be submitted for approval in accordance with the presentation during the International Executive Council (IEC) meeting held in Adelaide in June 2012, Minutes of the IEC Meeting and Discussion Paper published in the ICID Journal Irrigation and Drainage (Volume 62, No 1, February 2013). This will involve establishment of 5 new Working Groups. Three of these Working Groups will be on irrigation, drainage and water saving respectively, with a new mandate and work plan, not a continuation of previous Working Group activities.

**4. Strategy Theme On-farm**

**Working Groups/Task Forces:**

- Working Group on Water and Crops (WG-CROP)
- Working Group on On-Farm Irrigation Systems (WG-ON-FARM)
- Working Group on Use of Poor Quality Water for Irrigation (WG-PQW)
- Working Group on Role of Irrigation in Poverty Alleviation and Livelihoods (WG-POVERTY)

**The Task Team proposes transfer of the Working Group on Role of Irrigation in Poverty Alleviation and Livelihoods (WG-POVERTY) from Strategy Theme Schemes to Strategy Theme On-Farm.**

In conclusion it is highlighted that the proposed allocation leads to a balanced spread of 4 – 6 Working Groups/Task Forces per Thematic Area/Strategy Theme.



**AGENDA FOR THE 16<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE AND  
FLOOD CONTROL (WG-HIST)**

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

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

**Mardin, Turkey**

**Strategy Theme: Knowledge**

**Presented by the Chairman**

**Year of Establishment: 1998**

**Completion of the Mandate: 2014**

**Mandate:** To motivate ICID National Committees in various countries to set up their National Working Groups and provide them guidance to compile, publish, update and/or translate documents on history of irrigation, drainage, flood management, and river engineering, incorporating relevant agricultural, political, socio-economic, climatologically and geographical aspects for proper understanding of the technological developments in the subject, if possible chronologically. Furthermore, to organize seminars at ICID Congresses, in order to show the importance of historical studies and as to how they help when planning for the new projects.

The WG will also focus on governance, institutions and management issues of irrigation and drainage systems, sustainable development and integrated water management in rural areas.

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

**WG-HIST Agenda Item 1: Action taken report by Chair**

1. The Chairman may like to present a report regarding actions taken on the decisions made during the last meeting of the WG had at Adelaide (2012).

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

2. The existing membership of the group and their attendance at last two meetings is given in **Annex 1**. Following new nominations have been received from the National Committees for the membership of the group –

- Mr. Mirza Asif Baig (Pakistan) in place of Dr. I.B. Shaikh
- Mr. Basudev Timilsina (Nepal) – re-nominated

3. Based on the CVs of the above nominees and in consultation with the Central Office, Chair recommends that they may be accepted for the membership of the WG, subject to their attending the meeting in Mardin.

4. On the basis of non-attendance, non-participation, no communication with ICID (ICID by-law 3.6) during the last 2 or more consecutive years, Chair recommends discontinuation of membership of Dr. Jeong-Woo, Na (Korea).

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

5. At the 63rd IEC held at Adelaide, President Gao Zhanyi suggested that a process for recognition of the Historical Irrigation Structures on the lines of World Heritage Sites as recognized by UNESCO may be initiated. The main objectives of this initiative are to – (i) select and collect information on historical irrigation structures from around the world, understand their significant achievements and gather knowledge about the unique features that have sustained the project for such a long period, (ii) learn the philosophy and wisdom on sustainable irrigation from these structures, and (iii) protect/ preserve these historical irrigation structures.

6. It is proposed that a historical irrigation and/or drainage structure fulfilling the criterion laid down shall be recognized as “Heritage Irrigation Structure” (HIS). The structure with relevant details shall be included in an “ICID World List of Heritage Irrigation Structures” and a “Heritage Irrigation Structure Plaque” shall be awarded to the authorities responsible for the maintenance of the structure for displaying prominently on the body of the structure. Accordingly, a Task Team was set up to work out guidelines and procedures to select the Historical Irrigation Structures. The Chairman who is also the Vice Chairman of the task team would apprise the members of the progress made by the Task Team. Members are requested to give their suggestions on the discussion paper

attached as **Annex 2**. Based on the inputs, the paper will be presented to PCTA and IEC for further inputs, deliberations and decisions.

**WG-HIST Agenda Item 4: Publications of the Working Group**

**WG-HIST Agenda Item 4.1: 'Monsoon Asia History'**

7. The group is in the process of publishing '*Monsoon Asia History*' under the leadership of Prof N Hacho (Japan). Ms. Badra Kamaladasa (Sri Lanka) has provided the electronic version of the chapter on "*Ancient Irrigation Infrastructure in Sri Lanka*". Chairman appreciates the efforts of Prof. N. Hacho in liaising with Sri Lanka and Ms. Badra Kamaladasa for her contribution. The group is still waiting to receive the comparative history of the US Army Corps of Engineers. Prof Hacho was to contact the representatives of the countries for missing chapters and provide a feedback/ solution. Prof. Hacho may apprise the group.

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

8. The group noted the difficulties in getting articles from France and Italy and therefore decided that first the book could be published in *electronic format* (CD-ROM) and the missing countries may be asked to contribute to the printed book (in part) later. Prof Segura (Spain) is expected to provide the final e-version of his contribution to Chair before Mardin meetings. Central Office is ready to undertake the publishing of the above in CD-ROM, if final English version is made available.

9. ICID Central Office has recently received a copy of an excellent publication "Land Reclamation, Irrigation and Flood Protection in Italy over the centuries" brought out by Italian Committee for Irrigation and Drainage (ITAL-ICID) and could be useful for this WG publication. These volumes (**Annex 3**) are in hard copy and can be accessed from ITAL-ICID < info@italicid.it, marco.arcieri@regione.basilicata.it>.

Chair may apprise the members on the progress of publication at the meeting.

**WG-HIST Agenda Item 4.3: Other publications**

10. Based on the papers presented in the workshop on "*Historical Water Sustainability*" in Australia (2012) and in the workshop on "*Water Wisdom and Sustainability*" at Mardin (2013), the structure of the publication (at 4.1 and 4.2) would be finalized and the chapters would be assigned.

Chair may apprise the members.

**WG-HIST Agenda Item 5: Seminars organized by the WG**

**WG-HIST Agenda Item 5.1: History Seminar in 2013**

11. The WG is organizing an International Workshop on '*Water Wisdom and Sustainability*' on 3 October 2013 at Mardin. Eight full papers have been received and can very well be used as source material for the WG publications. Members are encouraged to actively participation in the workshop.

**WG-HIST Agenda Item 5.2: History Seminar in 2014**

12. At Adelaide meeting (2012), the group agreed to organize a History Seminar on "*Historical Water Sustainability: Lessons to learn*" in 2014 in Korea. The WG needs to finalize scope and sub-themes for the seminar.

13. The Chair may apprise the members.

**WG-HIST Agenda Item 6: Three-year work plan**

14. In order to complete the mandate and focus on specific activity, a work plan is necessary. The members may evolve a 3-year work plan which should include activities as above, with time frame; and responsibility allocation, as per the format in **Annex 4**. The Chairman may present the 3-year work plan to PCTA.

**WG-HIST Agenda Item 7: Website of WG-HIST**

15. New website of WG-HIST <[http://www.icid.org/wg\\_hist.html](http://www.icid.org/wg_hist.html)> is fully functional. Members are requested to access the refreshed website and provide their comments/ suggestions along with some relevant documents, links etc. for its posting on the group's website. A link of the excellent report on "*Irrigation Tunneling in Ancient Indonesia*" brought out by INACID is available on the WG website. Members of the group are requested to bring out similar publications, showcasing the history of irrigation and drainage in their country, in cooperation with their NC, towards fulfilling the mandate of the WG.

**WG-HIST Agenda Item 8: Any other business**

16. In October 2012, Dr. Backeberg informed the CO that they are in the process of completing the document of "*History of Irrigation in South Africa*", an exercise which was initiated more than 10 years ago by SANCID. Representative from SANCID may like to apprise the group about further progress at the meeting.

17. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

18. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013





**WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE AND FLOOD CONTROL (WG-HIST)**

**Members and their attendance at 2011 and 2012 Meetings**

Sr. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Dr. Kamran Emami, Chairman (Iran)	2009	•		•		
2.	Dr. Bert Toussaint, Secretary (The Netherlands)	2005				•	
3.	Prof. Dr. N. Hatcho (Japan)	1996	# <sup>1</sup>		•		
4.	VPH Dr. Ricardo S. Graino (Spain)	1992	•				
5.	Mrs. Xuming Tan (China)	1997	•		•		
6.	VPH Dr. Illahi B. Shaikh (Pakistan)	2000					
7.	VPH Dr. Laszlo Hayde (Hungary)	2001	•		•		
8.	Mr. Satit Maneepai (Thailand)	2002	#				
9.	Mr. Yogesh Paithankar (India)	2009		•	•		
10.	VPH Dr. A. Hafied A. Gany (Indonesia)	2005	•		•		
11.	Mr. Charles L. Abernethy (UK)	2005	#				
12.	Dr. Ing. Klaus Rottcher (Germany)	2006	•		•		
13.	Prof. Wen-Pin Shu (Chinese Taipei)	2006	#		#		
14.	Dr. Jeong-Woo, Na (Korea)	2007					
15.	Mrs. Ela Ekin (Turkey)	2012			#		
16.	Secretary General, ICID						
<b>Permanent observers</b>							
(i)	Dr. (Mrs.) B. Dolfing (The Netherlands)						
(ii)	Dr. Ir. M. Ertsen (IWHA)						

<sup>1</sup> # Through Representation

**WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE  
AND FLOOD CONTROL (WG-HIST)**  
**RECOGNITION OF “HISTORICAL IRRIGATION AND DRAINAGE STRUCTURES”  
TASK TEAM TO WORK OUT OBJECTIVES, GUIDELINES AND PROCEDURES**  
**DISCUSSION PAPER**

**A. BACKGROUND**

1. At the 63<sup>rd</sup> meeting of International Executive Council (IEC) held at Adelaide, Australia on 28 June 2012, President Gao Zhanyi suggested that a process for recognition of the Historical Irrigation Structures on the lines of World Heritage Sites as recognized by UNESCO shall be initiated. Accordingly, a Task Team comprising of the following members, was set up to work out objectives, guidelines and procedures to select the Historical Irrigation Structures.
2. Membership of the TT
  - (i) VP Ragab Ragab, Chairman, PCSO, Chair (UK), (ii) Dr. Kamran Emami, Chairman, WG-HIST, Vice Chair (Iran), (iii) VP Husnain Ahmad (Pakistan), (iv) Prof. Tan Xuming (China), (v) Er. C.M. Pandit (India) and (vi) VPH Mr. Ricardo Segura (Spain).
3. Terms of Reference of TT
  - (i) To work out objectives, guidelines and procedures to select the historical irrigation structures which can be recognized with a citation plaque to promote and value these historical structures and present its Report at 64<sup>th</sup> IEC in Mardin.
  - (ii) To act as the Panel of Judges for the selection of the Historical Irrigation Structures for recognition.
4. TT Member, Er. Chetan M. Pandit vide his e-mail dated 15 January 2013, suggested the criteria for including the irrigation structures in the “World List of Historical Irrigation Structures” to be recognized by ICID. Chair VP Ragab Ragab in his comments dated 24 March 2013 also raised certain questions that need to be kept in mind. No other inputs have been received from other Team members.
5. Based on these inputs, Central Office has prepared this Note for Discussions among the members of the Task Team.

**B. SCOPE and OBJECTIVE**

It is proposed that a historical irrigation and/or drainage structure fulfilling the criterion laid down in this document shall be recognized as “Heritage Irrigation Structure” (HIS). The structure with relevant details shall be included in an “**ICID World List of Heritage Irrigation Structures**” and a “**Heritage Irrigation Structure Plaque**” shall be awarded to the authorities responsible for the maintenance of the structure for displaying prominently on the body of the structure.

**What is the purpose of giving recognition to a Heritage Irrigation Structure (HIS)? (Objective)**

The main objectives of recognition as a “Heritage Irrigation Structures” are:

- Tracing the history of and understanding the evolution of irrigation in the civilizations across the world.
- To select and collect information on historical irrigation structures from around the world, understand their significant achievements and gather knowledge about the unique features that have sustained the project for such a long period;
- To learn the philosophy and wisdom on sustainable irrigation from these structures; and
- To protect/preserve these historical irrigation structures

### **What benefits will flow from recognition as the Heritage Irrigation Structures?**

The process of documentation, recognition and appropriate management of the Heritage Irrigation Structures will benefit the irrigation and drainage fraternity as well as the society in general by providing:

- An understanding of the factors that make the heritage structures sustainable and learn lessons there from;
- Opportunity to educate water professionals, students and people at large through study tour to these projects; and
- Drawing attention of the concerned governments to provide sufficient resources to maintain the HISs.

### **What kind of irrigation structures can be designated as Heritage Irrigation Structures? (Scope)**

The type of the structures or facilities to be considered for recognition shall fulfil following criterion:

- The structure shall be more than 100 years old;
- The structures shall fall under one of the following categories:
  - Dams (operational largely for irrigation purpose),
  - Water storage structures such as tanks,
  - Barrages and other water diversion structures,
  - Canal Systems
  - Old waterwheels,
  - Old shadouf, etc.

### **What shall be the criterion for recognition of HIS?**

1. A structure representing milestone / turning points in development of irrigated agriculture and bears an exceptional testimony to development of agriculture and increase in food production along with the improvement of economic condition of farmers;
2. A structure that was ahead of its times in terms of project formulation, engineering design, construction techniques, dimensions of the structure itself, quantum of water diverted, and size of the command; [*any one or more of these*]
3. Made outstanding contribution to food production, livelihood opportunities, rural prosperity, and poverty alleviation in a region;
4. Was innovative in its ideas at the time of its construction;
5. Was an example of engineering marvel or excellence at the time of its construction;
6. Was unique in some positive and constructive way;
7. Bears the stamp of a cultural tradition or a civilization, of past or present, but particularly the past;
8. Is an outstanding example of Operation & Management over a long period of time;
9. Is an outstanding example of attention to environmental aspects in its design and construction;
10. Contributed to the evolution of efficient and contemporary engineering theories and practices.

### **What does listing as an ICID Heritage Irrigation Structure means?**

For UNESCO World Heritage Sites, inclusion means maintaining status quo forever. But it would be incorrect to stipulate the same for irrigation structure, as the people have the right to replace older structure with more efficient ones for better water use efficiency.

ICID may provide small scale technical guidance to the project authority through a team of experts from ICID for its further sustainability, conservation and safe management as long as possible.

ICID through various kinds of published material (Coffee table publications, web pages etc) should bring these HIS into the public knowledge and the role they have played in achieving food security.

ICID may work with UNESCO to recognize the deserving HIS as UNESCO Heritage Structures.

## **C. PROCEDURE**

### **Jury**

The following composition of the as jury or panel of judges for the Recognition of Heritage Irrigation Structures is suggested:

Chairman, PCSO - Chairman  
Chairman, WG-HIST - Member  
Nominees from 3 NCs of ICID as Members  
Secretary General, ICID - Member-Secretary

### **How to apply?**

Any National Committee/Committee of ICID, can nominate or send a proposal for recognizing historical irrigation structures meeting the criteria in the above prescribed format, through its National Ministry that manages/owns the structure in the format prescribed at *Annexure*.

### **How are the structures recognized?**

A Heritage Irrigation Structure is recognised by presenting an **ICID Heritage Irrigation Structure Citation Plaque**, citing the salient features of the HIS which qualifies for their recognition. The ICID List of HIS would also be publicized through ICID media channels.

### **Financial**

ICID will create a trust fund to meet the requirements of resources for:

- Processing the applications,
- Providing certain technical support to the HIS for maintaining the structure in good condition,
- Developing material for dissemination of HIS, and
- Bringing out publications based on the lessons learnt.

### **Contact**

The ICID CO may be contacted for further information on the Recognition of HIS,

Er. Secretary General  
Secretary General, ICID  
48 Nyaya Marg, Chanakyapuri  
New Delhi 110021  
Tel: +91-11-26116837, 2611 5679, 2467 9532, Fax: +91-11-26115962  
E-mail: [icid@icid.org](mailto:icid@icid.org), Website: [www.icid.org](http://www.icid.org)





ICID·CIID

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE**

**RECOGNITION OF “HISTORICAL IRRIGATION STRUCTURES”**

**NOMINATION FORM**

**1. Title of the Irrigation Structure**

- (a) Age:
- (b) Area Irrigated:
- (c) Geographical Coordinates:
- (d) Maps and Plans if available showing boundary / jurisdiction of the project area (to be attached)
- (e) Name of the Nominating National Committee/Committee:

**2. Justification for nomination :**

- (a) Criteria under which HIS is proposed
  
- (b) Proposed statement on HIS's Engineering Utility.
  
- (c) Comparative Analysis including state of conservation of similar properties

**3. Present state of Conservation and Factors affecting the HIS (eg. Encroachment, adaptation, climate change, pollution, natural disaster such as floods, earthquake, visitors/tourism pressure etc.)**

**4. Description giving Salient Features of the HIS**

**5. Management Details of the HIS:**

- (i) Ownership
- (ii) Source of fund for its Operation and Maintenance
- (iii) Staffing pattern etc.

**6. Monitoring method including the Administrative arrangement for HIS:**

7. **Documentation of the HIS** showing benefits accrued from the project since its inception till date, photographs, Audio visual materials and detail inventory of project property, Bibliography etc.:

8. Name and contact details of Official(s) of the HIS

9. Signature of the Authorized Official under the Seal of National Committee/Committee

10. Signature of the representative of concerned Government Ministry.



**Annex 3** [Appendix IX, Item 4.2]

**WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE  
AND FLOOD CONTROL (WG-HIST)**

**Publications brought out by ITAL-ICID (2006-08)**

- (i) Land Reclamation, Irrigation and Flood Protection in Italy over the Centuries, Volume I, Italian Committee for Irrigation and Drainage (ITAL-ICID), February 2006.
- (ii) Land Reclamation, Irrigation and Flood Protection in Italy over the Centuries, Volume II, Italian Committee for Irrigation and Drainage (ITAL-ICID), February 2006.
- (iii) Land Reclamation, Irrigation and Flood Protection in Italy over the Centuries, Volume III, Italian Committee for Irrigation and Drainage (ITAL-ICID), July 2007.
- (iv) Land Reclamation, Irrigation and Flood Protection in Italy over the Centuries – Volume IV, Italian Committee for Irrigation and Drainage (ITAL-ICID), October 2008

**Annex 4** [Appendix IX, Item 6]

**WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE  
AND FLOOD CONTROL (WG-HIST)**

**Three-year work plan  
(Draft only – PI add/delete/improve as appropriate)**

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

\*Action plan need to be described for each activity with timeline and responsibility allocation



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**AGENDA FOR THE 20TH MEETING OF THE  
ICID JOURNAL EDITORIAL BOARD (EB-JOUR)**  
01 October 2013, 09.00-10.30, hours [Session I]  
01 October 2013, 11.00-12.30, hours [Session II]  
Mardin, Turkey

**Strategy Theme: Knowledge**

***Presented by the Chairman***

**Year of Establishment: 1994**

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**Mandate:** (i) To ensure with the (Joint) Editor(s) that the Journal is published in accordance with editorial policies; (ii) To select and recommend to IEC, through PCTA, the appointment of (Joint) Editor(s), Associate Editors and Members; (iii) To review and update editorial policies when required, to conform with the developing ICID objectives; (iv) To address and resolve issues pertaining to the Journal; and (v) To review guidelines for authors, manuscript reviewers and book reviewers and liaise and coordinate with ICID workbodies.

**Website:** <[http://www.icid.org/wiley\\_journal.html](http://www.icid.org/wiley_journal.html)>

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

1. The report of the Chairman for 2012 has been disseminated to the members of EB-JOUR before the meeting. Various points emerging from the report will be presented at the beginning of the meeting and will be discussed during the meeting.

**EB-JOUR Agenda Item 1.1: Special issues**

2. Since the meeting in Adelaide (2012) one more Sponsored Special Issue was published in 2012 on the theme '*Rainwater harvesting and conservation techniques for improving household food security*'. Guest editor was Leon Daniel van Rensburg. This issue was mailed together with the regular issue 61.4. The sponsor was the South African National Committee on Irrigation and Drainage (SANCID).

3. In 2013 three Special Issues will be published, two of them will be Sponsored Special Issues. It concerns:

- (a) A Special Issue with selected papers of the Teheran Congress. This special issue has been published as the regular Issue 62.3;
- (b) A Sponsored Special Issue on the theme '*Sustainable water and land management in tidal areas*'. Guest Editors: Park Sang Hyun, Shigetaka Taniyama and Jonathan Simm. This issue will be mailed together with the regular Issue 62.4. The sponsors are the Japanese National Committee of ICID (JNC-ICID), Korean National Committee on Irrigation and Drainage (KCID) and the ICID-Chinese Taipei Committee (CTCID);
- (c) A Sponsored Special Issue on the theme '*Soil, water, and vegetation monitoring and modelling*'. Guest Editors: Lucio Ubertini and Fernando Miralles-Wilhelm. The sponsors are the Princeton University, National Research Council of Italy (CNR) and Florida International University.

**EB-JOUR Agenda Item 1.2: Book Reviews**

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

**EB-JOUR Agenda Item 1.3: French resumé**

5. For all submitted papers, Bernard Vincent (France) has checked the French Titles and Resumes.

**EB-JOUR Agenda Item 1.4: Recognition to the reviewers**

6. The Guest Editors and Reviewers of papers in 2012 have been listed and recognized in the first issue of the Journal in 2013.

**EB-JOUR Agenda Item 1.5: Best Paper Award 2013**

7. In 2012, 93 papers were published. Out of these the best paper has been selected by the Chairman, the Joint Editors and the Associated Editors. The Best Paper Award is a citation plaque along with a cash prize of either £ 250, or £ 400 – in the form of Gift Books (Wiley Publications), and the awardees will have an option to choose. The winner of the 'Best Paper Award 2013' will be announced during the IEC meeting.

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

**Term of members**

8. The existing membership of the EB and their attendance at last two meetings is given in the **Annex 1**.

9. In early 2013, Prof. Nick van de Giesen (The Netherlands) stepped down as Joint Editor and became Associate Editor. Mrs. Isabelle Proulx (Canada) and Prof. Machiel F. Viljoen (South Africa) have informed the chairman that they want to step down from the Editorial Board. Prof. Dr. Kristoph-Dietrich Kinzli P.E. (USA) started as Joint Editor.

10. The following new nominations have been received from the National Committees and the Chairman recommends them for the membership:

- Dr. Henk Ritzema, The Netherlands as member;
- Prof. Leon van Rensburg, South Africa as Associate Editor;
- Dr. Biju George, Australia as Associate Editor.
- Prof. Dr. Joong Dae, Choi (Korea) in place of Dr. Soon Kuk, Kwun
- Mr. Brent Paterson (Canada) in place of Mrs. Isabelle Proulx

11. The Editorial Board may endorse these nominations for the EB membership.

12. While we especially need a few more Associate Editors, the chairman will contact some potential candidates before the meeting.

13. The Chairman may apprise EB members.

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

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

15. In the update the new category of Direct ICID Members has been added to the list of membership. The totals for 2013 are 291 online only, 284 online + print and 273 print only, which makes the overall total 848. This is 48 individual member subscriptions beyond the minimum of 800 that ICID subscribes.

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

16. Several characteristic figures of IRD are shown in the chairman's report for 2012.

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

**EB-JOUR Agenda Item 5: Any other business**

18. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored

by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

19. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the EB report to PCTA meeting on 04 October 2013



**ICID JOURNAL EDITORIAL BOARD (EB-JOUR)**  
**Attendance of Members at 2011 and 2012 Meetings**

Sr. No	Members	Member From	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	President Hon. Dr. Bart Schultz, Chairman (The Netherlands)	2002	•		•		
2.	VPH Prof. Hector Malano, Joint Editor (2008) (Australia)	2001					
3.	Dr. Nick C. Van de Giesen, Joint Editor (2008) (The Netherlands)	2007	•				
4.	Prof. Dr. Kristoph-Dietrich Kinzli P.E., Joint Editor (2012)	2010			#		
5.	Ir. Paul J.M. van Hofwegen, Editor Emeritus (2008) (The Netherlands)	2001					
6.	Dr. Bryan P. Thoreson, Associate Editor (USA)	2001			#		
7.	Mrs. Isabelle M. Proulx, Associate Editor (Canada)	2003					
8.	Dr. Benjamin de León Mojarro, Associate Editor (Mexico)	2005					
9.	Prof. Dr. Bruce Lankford, Associate Editor (UK)	2009					
10.	Dr. Marcel Kuper, Associate Editor (France)	2009					
11.	Prof. Machiel F. Viljoen, Associate Editor (South Africa)	2009	# <sup>1</sup>		#		
12.	Mr. Bernard Vincent, Associate Editor (France)	2010	•		•		
13.	Prof. Daniele de Wrachien, Associate Editor (Italy)	2001	#				
14.	Dr. Takao Masumoto (Japan), Associate Editor	2011			#		
15.	VPH Larry D. Stephens (USA)	2001	•		•		
16.	Dr. Muhammad Latif (Pakistan)	2002	#				
17.	VPH Prof. Kwun, Soon-Kuk (Korea)	2003	#				
18.	Prof. Yih Chi Tan (Chinese Taipei)	2006					
19.	Dr. Yohei Sato (Japan)	2009	•		•		
20.	Prof. Ir. Dr. Mohd Amin bin MohdSoom (Malaysia)	2009	•		•		
21.	Dr. Mohammad Javad Monem (Iran)	2011	•				
22.	Prof. Dr.-Ing. Klaus Rottcher (Germany)	2011	•		•		
23.	Dr. Li Jiusheng	2012			•		
24.	Dr. Vijay Labhsetwar, (ICID Central Office)	2006	•		•		

<sup>1</sup> # Represented

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**AGENDA FOR THE 5<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON ROLE OF IRRIGATION IN POVERTY  
ALLEVIATION AND LIVELIHOODS (WG-POVERTY)**

**02 October 2013, 09.00-10.30 hours [Session I]**

**02 October 2013, 11.00-12.30 hours [Session II]**

**Mardin, Turkey**

**Strategy Theme: Systems**

**Presented by the Chairman**

**Year of Establishment: 2008**

**Completion of the Mandate: 2013**

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

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

**WG-POVERTY Agenda Item 1: Action taken report by Chair**

1. Chairman may like to present a report on the actions taken on the various decisions/ proposals of the WG at its last meeting held at Adelaide.

**WG-POVERTY Agenda Item 2: Membership of the working group**

2. The existing membership of the group and their attendance at last two meetings is given in the **Annex 1**.

**WG-POVERTY Agenda Item 3: Publication of the Working Group - To develop a position paper on 'Role of irrigation in poverty alleviation'**

3. As decided at Adelaide meeting, Chair PH Peter Lee circulated the outline of the proposed position paper and power point presentation to all members for their contributions in preparing the final position paper. During Adelaide meeting, Dr Schroeder offered to collate information on the definitions of poverty and Dr Vincent would supply copies of previous work on the subject. Mr. Jha would provide examples of pro-poor interventions from India. Ms. Gabriel to collate contributions from South Africa, including examples, and Dr. Sato and Mr. Tollefson to submit examples from their respective countries. It was also decided that the group would first complete the draft paper and submit it through PCTA for circulation to National Committees for their comments. The aim was to submit the draft position paper to PCTA so as to complete the mandate of the group by 2013.

4. The Central Office provided to Chair Peter Lee a report titled "Assessing the potential for poverty reduction through investments in agricultural water management – A methodology for country level analysis" published by FAO Water in 2012.

5. In order to plan for bring out the technical notes and its financial planning, the WG Chair is to fill out the **Annex 2** for its submission to the Chair PCTA.

6. Chair man may like to provide further updates about the preparation of the position paper at the meeting.



**WG-POVERTY Agenda Item 4: Website of the group**

7. The website of WG-POVERTY <[http://www.icid.org/wg\\_poverty.html](http://www.icid.org/wg_poverty.html)> is functional. Members are requested to access the refreshed website and provide their comments/ suggestions along with some relevant documents, links etc. for its posting on the group's website.

**WG-POVERTY Agenda Item 5: Any other business**

8. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

9. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013

**WORKING GROUP ON ROLE OF IRRIGATION IN POVERTY  
ALLEVIATION AND LIVELIHOODS (WG-POVERTY)**

**Members and their attendance at 2011 and 2012 Meetings**

Sl. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	PH Peter S. Lee, Chairman, 2010 (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.	Dr. Enayat Farhani (Iran)	2009	•				
6.	Dr. Yohei Sato (Japan)	2009	•		•		
7.	VP Laurie Tollefson (Canada)	2009			•		
8.	VP Adama Sangare (Mali)	2009	•				
9.	Mr. Moussa Amadou (Niger)	2010	•				
10.	Dr. Yu-Chuan, Chang (Chinese Taipei)	2012			•		
11.	Dr. (Ms.) Laura Schroeder (USA)	2012			•		
12.	Secretary General, ICID						
<b>Permanent Observer</b>							
(i)	VPH Alain Vidal (CGIAR Challenge Program)						
(ii)	Mr. Andre Roux (South Africa)						

**PUBLICATIONS OF THE WORKING GROUP**  
**WORKING GROUP ON ROLE OF IRRIGATION IN POVERTY ALLEVIATION AND**  
**LIVELIHOODS (WG-POVERTY)**  
**Established: 2008**  
**Convener: PH Peter S. Lee (UK)**

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Manuals				
2	Guidelines				
3	Special Publication as a Book				
4	Proceedings of the Workshop/Conference				
5	Technical Paper				
6	Technical Note				
7	Policy Brief/Position Paper				
8	Compilation of Database				
9	Non-technical Paper/Article				
Filled by:					
Date:					

**AGENDA FOR THE 31<sup>ST</sup> MEETING OF THE  
WORKING GROUP ON DRAINAGE (WG-DRG)  
02 October 2013: 13.30-15.00 hours [Session I]  
02 October 2013, 15.30-17.00 hours [Session II]  
Mardin, Turkey**

**Strategy Theme: Systems**

**Presented by the Chairman**

**Year of Establishment: 1983**

**Completion of the Mandate: 2013**

**Mandate:** (i) To promote drainage as part of integrated water resources management; and (ii) To promote sustainable approaches for drainage and related projects through a balanced integration of (1) environmental, (2) economic, and (3) social and cultural aspects

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

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

**WG-DRG Agenda Item 1: Action taken report by Chair**

1. Chairman will present a report about actions taken on the decisions taken by the WG at its last meeting held at Adelaide.

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

2. The existing membership of the group and their attendance at last two meetings is shown in the **Annex 1**. ENCID has nominated Dr. Ashraf El Sayed Ismail in place of Dr. M.H. Amer, while CNCID has re-nominated Ms. Wang Shaoli for the membership. Based on the CVs of the above nominees and in consultation with the Central Office, Chair recommends that these two experts may be accepted for the membership of the WG, subject to their attending the meeting in Mardin.

3. In accordance with ICID by-law 3.6 which stipulates that members of workbodies not contributing by their attendance/ correspondence for two consecutive years shall be replaced. In view of the by-law and as per Annex 1, Chair recommends discontinuation of memberships of Prof. B. Maticic (Slovenia), Dr. M.N. Bhutta (Pakistan), and Dr. Gurbachan Singh (India).

4. **ELECTION OF NEW OFFICERS:** The Chairman of the WG-DRG will step down at the end of this meeting. The other officers (Vice Chair and Secretary) may wish to step down or chance position. A new slate of officers will be proposed to PCTA, effective upon termination of the 64<sup>th</sup> IEC.

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

5. Since the present mandate of the WG-DRG is to be completed by 2013, the group discussed at Adelaide about developing a new mandate and extending the tenure of the WG.

6. Dr. James E. Ayars has circulated a paper titled “Subsurface Drainage – What’s Next?” to the members for comments/ suggestions as well as to serve as a guide for the new mandate. Members were asked to send proposals for the new mandate to the working group members. The Group shall prepare a mandate for submission to PCTA for extending the WG tenure.

**WG-DRG Agenda Item 4: DRAINAGE ON-LINE**

7. All members were requested to review the drainage section on the revised ICID website. Responses will be reviewed and follow-up action decided as needed. The Group may review briefly the current status of the ICID webpages on drainage.

8. All members were requested to access the revised version of the website ‘DRAINLINE’ <[http://www.icid.org/wg\\_drg.html](http://www.icid.org/wg_drg.html)> and review the text and link of the ICID website pages and provide comments/

suggestions to improve it further. Members were also requested to share relevant material, links and documents by sending them to the Chair/ Central Office for its posting on group's website. Actions to date will be reviewed. At the time of preparing this agenda, no inputs were received.

9. As suggested by the WG, the Central Office is extracting the news items related to drainage from the weekly e-Bulletins, monthly News Updates, and quarterly ICID News and posting at the WG webpage DRAINLINE for ready reference of members and interested persons.

Central office and the Chair will report on actions taken and the group will decide on follow-up.

**WG-DRG Agenda Item 5: Workshops of the Working Group**

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

10. National Committee of the Russian Federation on Irrigation and Drainage (RuCID) is organizing and hosting the 12<sup>th</sup> International Drainage Workshop (IDW) during 23-26 June 2014 at Saint Petersburg. Dr. (Mrs) Irena Bondarik, Secretary General, RuCID made a brief presentation about the workshop program at Adelaide meeting. Mrs. Bondarik has submitted a filled in financial statement (FORM B) providing registration fees, etc. to the Central Office. RuCID will also bring out an 'Information Brochure' for wide circulation during WIF1. Dr. Bondarik / RuCID representative will provide detailed information about the workshop at the meeting. The WG will firm up the theme, topics/ sub topics, schedule for submission of abstract of papers, arrangement for review of papers, key note speakers, etc and submit it to the PCTA.

**WG-DRG Agenda Item 5.2: 13<sup>th</sup> International Drainage Workshop**

11. In response to the Central Office Circular dated June 2013 regarding invitation for proposals for hosting 13<sup>th</sup> IDW, Iranian National Committee (IRNCID) has indicated its willingness to host the 13<sup>th</sup> IDW during the year 2017 or later. Representative of IRNCID may like to provide further information at the meeting.

**WG-DRG Agenda Item 6: Publications of the Working Group**

**WG-DRG Agenda Item 6.1: DVD on "Drainage for Sustainable Agriculture"**

12. WG has brought out a DVD on "Drainage for Sustainable Agriculture" as a contribution of the WG to the WIF1. The DVD will be released during the First World Irrigation Forum (WIF1) at Mardin. The DVD includes proceedings of all past IDWs, ICID publications related to drainage, special workshops, special issue on drainage of the ICID Journal, select publications of the World Bank, ILRI, FAO, etc. Dr. W. F. Vlotman will apprise further at the meeting.

**WG-DRG Agenda Item 6.2: Compilation of experiences in bio-drainage and bio-saline agriculture**

13. During Adelaide meeting, the group discussed about the summary project report of "Eco-physiology of tree species to evaluate their bio-drainage potential for waterlogged soils of Haryana" as submitted by INCID. The WG suggested converting the document into a scientific paper by the INCID. Central Office has communicated and discussed with the INCID for the possibility of developing such a paper and submitting to the WG. A draft version of the paper if made available by INCID will be tabled at the meeting.

**WG-DRG Agenda Item 7: Updating database on 'Drained area in the world'**

14. At Adelaide meeting, the group discussed about the updating and continuing the compilation of data on the 'Drained area in the world'. The following members were volunteered to act as Regional In-charge for collecting/ updating the drained area data:

Name of the Volunteer Incharge	Region(s)/ countries to be covered
Mrs. Irena Bondarik/ Dr. Yurii Yanko (Russia)	Russia
Mr. Bernard Vincent (France)	South Europe and East Europe; Maghreb
Dr. Victor Dukhovny (Uzbekistan)	Newly Independent States (NIS)
Mr. Ardavan Azari (Iran)	Middle East
Mr. Loh Kim Mon (Malaysia)	Asia
Dr. Gerhard Backeberg/ AT van Coller	South Africa and North Africa
Mr. James Ayars (USA)	North America (and south America)

15. VPH Dr. Victor Dukhovny has provided an updated data on irrigated and drained areas in EECCA region (Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, and Ukraine) which is included in the latest database. National Committees of Brazil, Canada, Estonia, Iran, and Turkey have provided the updated information on drained area. The updated/revised datasheet of 'World drained area' is given at **Annex 2** and is also published in the ICID Annual Report 2012-13.

**WG-DRG Agenda Item 8: Any other business**

**SESSION 2 – PRESENTATIONS (15.30-17.00)**

**WG-DRG Agenda Item 9: Presentations**

16. The presentations made at Adelaide meeting have been posted on the WG webpage 'DRAINLINE'. Members are encouraged to volunteer to make presentations at the meeting on the topic related to the WG interest and in prior consultation with the Chair.

17. Ms. Nurgül Üzücek (Turkey) and Dr. James E. Ayars (USA) have volunteered to make the following presentations -

- Development of irrigation and drainage in Turkey – Ms. Nurgül Üzücek
- Social effects of the Southeastern Anatolian Project (GAP) – Ms. Nurgül Üzücek
- The San Joaquin Valley: 20 Years later - Dr. James E. Ayars

18. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html).

19. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013



**WORKING GROUP ON DRAINAGE (WG-DRG)**

**Members and their attendance at 2011 and 2012 Meetings**

Sl. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Dr. Willem F. Vlotman, Chairman, 2001 (Australia)	2000		•	•		
2.	Dr. James Ayars, Vice Chairman (USA)	2005				•	
3.	Mr. Bernard Vincent, Secretary (France)	2007	•		•		
4.	VPH Prof. B. Maticic (Slovenia)	1987					
5.	VPH Dr. M.H. Amer (Egypt)	1988	•		•		
6.	PH Ir. Keizrul bin Abdullah (Malaysia)	1994	# <sup>1</sup>				
7.	Dr. Chung Sang-Ok (Korea)	1996	•				
8.	Mr. Chen Hung-Kwai (Chinese Taipei)	1997	#				
9.	Dr. M.N. Bhutta (Pakistan)	2002					
10.	Mr. AT van Coller (South Africa)	2006	#		#		
11.	Ms. Nurgul Uzucek (Turkey)	2006			•		
12.	VPH Shinsuke Ota (Japan)	2006	•		•		
13.	Dr. Yurii Yanko (Russia)	2006	•		#		
14.	Dr. Gurbachan Singh (India)	2008					
15.	Mr. Mati Tonismae (Estonia)	2010	•				
16.	Mr. Ardavan Azari (Iran)	2011	•		•		
17.	Ms Helena Aijo (Finland)	2011	#		#		
18.	Dr. Momon Sodik Imanudin (Indonesia)	2012			•		
19.	Secretary General, ICID						
<b>Observers / Permanent observers</b>							
(i)	PH Dr. Chandra A. Madramootoo (Canada)						
(ii)	PH Prof. Bart Schultz (Netherlands)		•				
(iii)	VPH Dr. Safwat Abdel-Dayem (Egypt)						

<sup>1</sup> # Through representation



**WORKING GROUP ON DRAINAGE (WG-DRG)****World Drained Area**

Sl. No.	Country	Arable land and permanent crops (million ha)	Total drained area (million ha)	% drained area	Reference year
<b>DEVELOPED COUNTRIES</b>					
1	<b>Australia</b>	44.37	2.17	4.89	2002 <sup>2</sup>
2	<b>Austria</b>	1.44	0.2	13.89	1997 <sup>2</sup>
3	Belgium	0.87	0.07	8.05	1996 <sup>2</sup>
4	Bulgaria	3.25	0.08	2.46	2000 <sup>2</sup>
5	<b>Canada</b>	67.5	9.46	14.01	2002 <sup>2</sup>
6	Cyprus	0.11	0.02	18.18	2000 <sup>2</sup>
7	<b>Czech Rep.</b>	3.26	1.07	32.82	2011 <sup>1</sup>
8	Denmark	2.35	1.77	50.00	2012 <sup>1</sup>
9	<b>Estonia</b>	1.33	0.64	48.00	2013 <sup>1</sup>
10	<b>Finland</b>	2.26	2.5	110.62	2008 <sup>1</sup>
11	<b>France</b>	19.33	3.00	15.52	2011 <sup>1</sup>
12	<b>Germany</b>	12.13	4.9	40.40	1993 <sup>2</sup>
13	Greece	3.23	0.52	16.10	2002 <sup>2</sup>
14	<b>Hungary</b>	4.8	2.3	47.92	2003 <sup>1</sup>
15	<b>Ireland</b> <sup>4</sup>	1.06	0.254	23.96	2010 <sup>1</sup>
16	<b>Italy</b>	13.2	5.3	40.15	2005 <sup>1</sup>
17	<b>Japan</b>	4.59	3.52	76.69	2010 <sup>1</sup>
18	Latvia	1.18	1.58	133.90	1995 <sup>2</sup>
19	<b>Lithuania</b> <sup>5</sup>	2.68	2.58	96.27	2011 <sup>1</sup>
20	<b>Netherlands</b> <sup>6</sup>	1.09	3.0	275.23	2010 <sup>1</sup>
21	Norwegian	1.02	0.61	60	2012 <sup>1</sup>
22	Poland	12.97	4.21	32.46	1999 <sup>2</sup>
23	<b>Portugal</b>	1.64	0.04	2.44	2002 <sup>2</sup>
24	<b>Romania</b>	9.85	1.83	18.58	2008 <sup>1</sup>
25	Slovak Republic	1.41	0.6	42.55	1997 <sup>2</sup>
26	<b>Slovenia</b>	0.2	0.08	40.00	2007 <sup>1</sup>
27	<b>Spain</b>	26.30	0.3	1.14	1994 <sup>2</sup>
28	Sweden	2.64	1.1	41.67	1996 <sup>2</sup>
29	<b>Switzerland</b>	0.43	0.16	37.21	2002 <sup>2</sup>
30	<b>UK</b>	6.05	4.65	76.86	1996 <sup>2</sup>
31	<b>USA</b>	173.2	47.5	27.42	1987 <sup>2</sup>
	<b>Sub-Total</b>	<b>425.74</b>	<b>106.014</b>	<b>24.90</b>	
<b>EMERGING/DEVELOPING COUNTRIES</b>					
32	Albania	0.7	0.28	40.00	1999 <sup>2</sup>
33	Algeria	8.42	0.06	0.71	1999 <sup>2</sup>

## Annex 2 [Appendix XII, Item 8]

Sl. No.	Country	Arable land and permanent crops (million ha)	Total drained area (million ha)	% drained area	Reference year
34	Argentina	33.0	0.13	0.40	2002 <sup>2</sup>
35	Azerbaijan	2.09	0.61	0.29	2013 <sup>1</sup>
36	Belarus	5.64	3.0	53.19	1993 <sup>2</sup>
37	Bolivia	3.82	0.02	0.52	2000 <sup>2</sup>
38	<b>Brazil</b>	66.9	1.08	1.61	2006 <sup>1</sup>
39	Chile	0.78	0.035	4.49	2006 <sup>1</sup>
40	<b>China</b>	130.03	21.14	16.26	2008 <sup>1</sup>
41	<b>Chinese Taipei</b>	0.83	0.12	14.46	2009 <sup>1</sup>
42	Colombia	3.46	0.23	6.65	1989 <sup>2</sup>
43	Costa Rica	0.5	0.04	8.00	1999 <sup>2</sup>
44	<b>Croatia</b>	0.95	0.76	80.00	1990 <sup>2</sup>
45	Cuba	3.97	0.33	8.31	1997 <sup>2</sup>
46	Dominican Rep.	1.30	0.03	2.31	2000 <sup>2</sup>
47	Ecuador	2.50	0.05	2.0	1998 <sup>2</sup>
48	<b>Egypt*</b>	3.54	3.36	85.31	2011 <sup>3</sup>
49	El Salvador	0.92	0.01	1.09	1997 <sup>2</sup>
50	<b>Fiji Island</b>	0.25	0.01	4.00	2000 <sup>2</sup>
51	Georgia	0.58	0.16	27.59	1996 <sup>2</sup>
52	Guyana	0.45	0.15	33.33	1991 <sup>2</sup>
53	Honduras	1.43	0.06	4.20	1991 <sup>2</sup>
54	<b>India</b>	169.32	5.8	3.43	1991 <sup>2</sup>
55	<b>Indonesia</b>	37.10	3.35	9.03	1990 <sup>2</sup>
56	<b>Iran</b>	18.55	0.22	1.18	2013 <sup>1</sup>
57	<b>Iraq</b>	5.45	1.54	28.26	2002 <sup>2</sup>
58	Israel	0.38	0.1	26.32	1987 <sup>2</sup>
59	Jordan	0.15	0.01	6.67	2008 <sup>3</sup>
60	<b>Kazakhstan</b>	22.8	0.45	1.97	2013 <sup>1</sup>
61	Kenya	5.8	0.03	0.52	2003 <sup>2</sup>
62	<b>Korea Rep.</b>	1.82	1.15	63.19	2007 <sup>1</sup>
63	Kyrgyzstan	1.35	0.20	14.81	2013 <sup>1</sup>
64	Lebanon	0.29	0.01	3.45	2001 <sup>2</sup>
65	Libya	2.05	0.01	0.49	2000 <sup>2</sup>
66	<b>Malaysia</b>	9.5	6.0	63.16	2009 <sup>1</sup>
67	<b>Mexico</b>	27.50	5.2	18.91	1997 <sup>2</sup>
68	Mongolia	0.85	1.5	176.47	2000 <sup>2</sup>
69	<b>Morocco</b>	8.98	0.65	7.24	2004 <sup>2</sup>
70	<b>Pakistan</b>	23.80	7.54	31.70	2009 <sup>1</sup>
71	Paraguay	4.3	0.01	0.23	2000 <sup>2</sup>
72	Peru	4.44	0.08	1.80	2000 <sup>2</sup>
73	<b>Philippines</b>	9.16	2.72	29.69	2008 <sup>1</sup>

## Annex 2 [Appendix XII, Item 8]

Sl. No.	Country	Arable land and permanent crops (million ha)	Total drained area (million ha)	% drained area	Reference year
74	Puerto Rico	0.1	0.02	20.00	2000 <sup>2</sup>
75	<b>Russia</b>	192.6	4.78	2.48	2007 <sup>1</sup>
76	<b>Saudi Arabia</b>	3.68	0.04	1.09	1992 <sup>2</sup>
77	Serbia & Montenegro	3.72	0.4	10.75	2000 <sup>2</sup>
78	<b>South Africa</b>	18.00	0.06	0.41	2011 <sup>1</sup>
79	<b>Sri Lanka</b>	2.20	0.03	1.36	1967 <sup>2</sup>
80	Surinam	0.06	0.05	83.33	1998 <sup>2</sup>
81	<b>Syria</b>	5.68	0.27	4.75	1993 <sup>2</sup>
82	Tajikistan	0.87	0.33	37.93	2013 <sup>1</sup>
83	<b>Thailand</b>	18.85	0.16	0.85	1997 <sup>2</sup>
84	Tunisia	5.04	0.2	3.97	2000 <sup>2</sup>
85	<b>Turkey</b>	26.01	3.43	13.19	2012 <sup>1</sup>
86	Turkmenistan	1.92	1.1	57.29	2013 <sup>1</sup>
87	<b>Ukraine</b>	33.5	3.3	9.85	2013 <sup>1</sup>
88	<b>Uzbekistan</b>	4.62	2.86	61.90	2013 <sup>1</sup>
89	Venezuela	3.35	0.31	9.25	2002 <sup>2</sup>
90	Viet Nam	9.42	1.0	10.62	1994 <sup>2</sup>
91	<b>Zimbabwe</b>	11.00	0.1	0.90	2011 <sup>1</sup>
	<b>Sub-Total</b>	<b>966.27</b>	<b>86.595</b>	<b>8.96</b>	
<b>LEAST DEVELOPED COUNTRIES</b>					
92	<b>Afghanistan</b>	7.91	0.01	0.13	2000 <sup>2</sup>
93	<b>Bangladesh</b>	8.70	1.5	17.24	1993 <sup>2</sup>
94	<b>Ethiopia</b>	14.51	0.03	0.21	1987 <sup>2</sup>
95	Madagascar	3.55	0.11	3.10	2000 <sup>2</sup>
96	<b>Malawi</b>	7.7	NA	-	2002 <sup>1</sup>
97	Myanmar	11.70	0.19	1.62	1994 <sup>2</sup>
98	<b>Nepal</b>	2.47	0.09	3.64	2000 <sup>2</sup>
99	Rwanda	1.57	0.09	5.73	2000 <sup>2</sup>
100	Sudan	20.91	0.56	2.68	2000 <sup>2</sup>
101	Yemen	1.61	1.5	93.17	2000 <sup>2</sup>
	<b>Sub-Total</b>	<b>80.63</b>	<b>4.08</b>	<b>5.06</b>	

\*Countries shown in bold are active members of ICID

**(A) TYPE OF COUNTRY<sup>7</sup>**

Summary				
Sl. No.	Region	Arable land and permanent crops (million ha)	Total drained area (million ha)	% drained area
1	Developed Countries	425.74	106.014	24.90
2	Emerging/Developing Countries	966.27	86.675	8.97
3	Least Developed Countries	80.63	4.08	5.06
	<b>Total (101 countries)</b>	1472.64	196.77	13.36
	<b>World</b>	<b>1552.98</b>	<b>202.9</b>	<b>13.06</b>

**(B) REGIONWISE**

Summary				
Sl. No.	Region	Arable land and permanent crops (million ha)	Total drained area (million ha)	% drained area
1	Africa	111.07	5.82	5.22
2	Americas	399.48	64.80	16.22
3	Asia	588.90	71.31	12.10
4	Europe	373.19	54.84	14.69
	<b>Total (101 countries)</b>	1472.64	196.77	13.36
	<b>World</b>	<b>1552.98</b>	<b>202.9</b>	<b>13.06</b>

**Notes:**

- 1 ICID data (both for arable land and permanent crop (APC) and for drained areas)
- 2 CEMAGREF data (for drained area)
- 3 Monitoring and Evaluation Department (EPADP), Egypt, 2011
- 4 The total drained area in Ireland is 0.254 million ha, the total utilised agricultural area is 4.02 million ha. Apart from a very small area of Ireland that is irrigated on a commercial basis for crop production there are no major irrigation schemes in Ireland. Suggested figure for irrigated area in Ireland is 10,000 hectares. Source: Dr. Oliver Nicholson, Chairman, Irish National Committee on Irrigation and Drainage (IRCID), 28 June 2010
- 5 Statistics referred as "arable land" in Lithuanian registry as per 01.01.2010. The drained area slightly decreased as some of the area excluded from registry since that area has been completely depreciated and drainage no more functioning. Source: Prof. dr. Antanas Maziliauskas, President of Lithuanian National Committee (LICID), 26 June 2010.
- 6 The fact that the drained area is more than the APC area is a matter of definition. In the Netherlands' case the drained area includes areas with other functions such as drainage of meadows and urban areas. Source: Dr. Pol (A.L.) Hakstegte, Secretary/ Treasurer, Netherlands National Committee (NETHCID), 2 July 2010.
- 7 Country Classification – World Economic Situation and Prospects (WESP), United Nations, 2012

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**AGENDA FOR THE 20<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON WATER SAVING FOR AGRICULTURE (WG-WATS)**  
02 October 2013: 13.00-15.00 hours (Session-I)  
02 October 2013: 15.30-17.00 hours (Session-II)  
Mardin, Turkey  
  
Strategy Theme: Systems  
*Presented by the Chairman*

**Year of Establishment: 1994**

**Completion of the Mandate: 2013**

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**Mandate:** "To recognize proven water saving success and to identify and promote successful water conservation".

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

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**WG-WATS Agenda Item 1: Action Taken Report by Chair**

1. The Chairman may like to present a report regarding actions taken on the decisions made during the last meeting of the WG at Adelaide (2012).

**WG-WATS Agenda Item 2: Membership of the Working Group**

2. The existing membership of the WG and their attendance at last two meetings (2011-2012) is given in the **Annex 1**.

VPH Dr. Mark Svendsen (USA) withdrew from membership.

**WG-WATS Agenda Item 3: WatSave Awards**

**WG-WATS Agenda Item 3.1: WatSave Awards – 2013**

3. ICID instituted 'WatSave Awards' in 1997 to recognize 'outstanding contributions to water saving / conservation in agriculture' annually across the world. Nominations were invited from all National Committees/Committee and others for the 'WatSave Awards 2013'. 'WatSave Awards' are given in four categories viz., (1) Technology; (2) Innovative Water Management; (3) Young Professionals; and (4) Farmer.

4. In all 13 nominations from 8 National Committees have been received and evaluated by an international 'Panel of Judges' appointed by the President, ICID. The awards will be presented during the 64<sup>th</sup> IEC meeting scheduled to be held on 05 October 2013.

**WG-WATS Agenda Item 3.2: Sponsorship**

5. This year the Turkish National Committee of ICID (TUCID) has bagged the honor of sponsoring the WatSave Awards 2013. Each award consists of a citation plaque and cash award of US \$ 2000 each. The WG members may wish to record their appreciation to Turkish National Committee for their kind gesture.

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

6. An Internal Workshop titled "*Water Saving in irrigated Areas; Success Stories and Lessons Learned*" has been planned to be held during this meeting. The workshop is being organized by the WG-WATS in cooperation with Egyptian National Committee of ICID (ENCID) and Arab Water Council (AWC). No abstracts/paper have been received so far. If no abstracts/papers are received by 31 August 2013, the workshop may stand cancelled.

7. The Chairman may apprise the WG members.

**WG-WATS Agenda Item 5: Publications of the Working Group**

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

8. One of the popular outcome of the WG-WATS is the book on '**Water Saving in Agriculture**' which was published in 2008 and has been since translated in many languages. Prof. Hu Heping and Dr. Xiechong Bao, representatives from Chinese National Committee have volunteered to translate the book into Chinese language. Prof. Hu Heping or Dr. Xiechong Bao may apprise the WG on progress so far. Similarly, Ms. Fabienne Latapie (France) volunteered to translate the book into French language. Ms. Fabienne Latapie may apprise the WG.

**WG-WATS Agenda Item 5.2: Other publications**

9. The WG has brought out the following publications during its tenure:

- 1995: Watsave Activities: Some Lessons and Experiences
- 1997: The Watsave Scenario
- 2001: CD-ROM Version of ICID Watsave Activities
- 2008: Water Saving in Agriculture

10. No other publication has been planned as the year of completion of the mandate is 2013.

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

11. The mandate of the WG comes to an end in 2013 and as such the present WG will be wound up. Members may like to deliberate, if they would like to establish a new WG with a similar mandate. For the purpose, a new scoping document for establishing a new working group will be required to be presented to PCTA as per **Annex 2**.

**WG-WATS Agenda Item 7: Any other business**

12. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html).

13. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013.

**WORKING GROUP ON WATER SAVING FOR AGRICULTURE (WG-WATS)**

**Attendance of members in 2011 and 2012**

Sr. No.	Members	Member from	2011		2012	
			Self	Contributed by mail	Self	Contributed by mail
1.	VPH Dr. Mohamed Hassan Amer (Egypt), Chairman	2010	•		•	
2.	Mr. Mehrzad Ehsani, Vice Chair (2012) (Iran)	2006	•		•	
3.	Dr. Juan Antonio Rodriguez-Diaz (Spain), Secretary	2010	# <sup>1</sup>			
4.	Dr. Muhammad Arshad (Pakistan)	2009	•			
5.	Mr. V.K. Chawla (India)	2011	#			
6.	Ms. Nadide Demir (Turkey)	2012	--	--	•	
7.	Dr. Önder ÖKMEN as Young Professional (Turkey)	2012	--	--	•	
8.	Dr. Nico Benade (South Africa)	2012	--	--	•	
9.	Secretary General, ICID		#			
<b>Permanent Observer</b>						
1.	VPH Dr. Alain Vidal, CGIAR (France)	2009				

<sup>1</sup> # Represented



**DRAFT SCOPING DOCUMENT FOR  
ESTABLISHING WORKING GROUPS AND TASK FORCES**

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

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

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

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

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

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

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

**Framework for the scoping document**

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

**A Objectives**

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

**B State of knowledge on the topic**

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

**C Work Plan**

Outputs  
Scope  
Target Audience  
Timelines  
Collaborators and dissemination strategy



**AGENDA FOR THE 16<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)  
02 October 2013, 13.30-15.00 hours [Session I]  
02 October 2013, 15.30-17.00 hours [Session II]  
Mardin, Turkey**

**Strategy Theme: On-Farm  
Presented by the Chairman**

**Year of Establishment: 1998**

**Completion of the Mandate: 2014**

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

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

**WG-ON-FARM Agenda Item 1: Action taken report by Chair**

1. Chairman may like to present a report on the actions taken on the various decisions/ proposals of the WG at its last meeting in Adelaide.

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

2. The current membership of the group and their attendance at the last two meetings is shown in **Annex 1**.
3. Nominations which were deferred due to their non-attendance/ participation at Adelaide meeting have once again been confirmed by the National Committees of Nepal and China, viz.,
  - Mr. Suman Sijapati (Nepal)
  - Prof. Li Guangyong in place of Mr. Yan Guanyu (China)
4. Based on the CVs of the above nominees and in consultation with the Central Office, Chair recommends that they may be accepted for the membership of the WG, subject to their attending the meeting in Mardin.
5. In accordance with ICID by-law 3.6 which stipulates that members of workbodies not contributing by their attendance/ correspondence for two consecutive years shall be replaced. In view of the above and as per Annex 1, Chair recommends discontinuation of the membership of Dr. A.K. Randev, (India), Dr. Abraham Mehari Haile (The Netherlands)

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

6. The 31<sup>st</sup> meeting of ISO/TC23/SC18 was held from 31 October to 5 November 2012 in Orlando, USA. Mr. Bruno Molle (France), Permanent Observer had informed his inability to attend the Orlando meeting. On behalf of WG, Dr. James E. Ayars (USA) was nominated to attend the meeting. However, due to budgetary constraint Dr. Ayars could not attend the meeting.

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

7. ICID Central Office received updates on the sprinkler and micro irrigated areas in Aral Sea Countries (Azerbaijan, Kazakhstan, Ukraine, Uzbekistan) from VPH Prof. Dukhovny and the National Committees of, Brazil, Canada, Estonia, Iran, Japan, Nepal, and Turkey. The updated data is shown in **Annex 2**. As per the latest data, sprinkler irrigated area is about 43.2 million ha while 10.8 million ha are under micro irrigation, worldwide. This shows substantial increase in both sprinkler and micro irrigation over the previous year. Members may like to provide their observations on the data and suggest other sources/ links to obtain the data/ information pertaining to other countries.
8. At the Adelaide meeting, the group decided to merge the activity “Survey of Worldwide Usage of Sprinkler and Micro Irrigation” by suitably expanding the scope of the database by including additional data on major crops irrigated under sprinkler and micro irrigation, potential areas of micro and sprinkler irrigation in each country,

subsidy pattern, types of sprinkler and micro irrigation systems, micro irrigation in plastic/ greenhouses, etc. Chairman Felix Reinders, supported by CO will present a short revised version of the survey proforma/ data sheet at the meeting.

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

9. During Adelaide meeting, the group noted that Chinese National Committee (CNCID) had agreed to work on the compilation of worldwide data on irrigation efficiencies through the newly established 'International Center for Training and Research in Irrigation and Drainage'. The WG is to extend technical support as required. Representative from CNCID to apprise further developments at the meeting.

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

10. The 61st IEC meeting held at Yogyakarta in 2010 had decided to change the name of 'International Micro irrigation Congress' as "International Micro Irrigation Symposium" and that the event can be held alongside the IEC Regional Conference or independently at the frequency of 3 years. Central Office has invited proposals from the member countries for hosting the 9<sup>th</sup> International Micro Irrigation Symposium (IMIS) from 2015 onwards. Interested National Committees may send the proposal to the Central Office for its approval by the IEC.

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

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

11. At Adelaide meeting, it was agreed that an article on "Improvement of the On-Farm Irrigation Systems using Simple Water Control, Measuring and Application Devices" will be prepared by Chairman Felix Reinders and Dr. Abraham Mehari Haile for its inclusion in the ICID News. Chairman may like to provide progress in this regard.

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

12. Chairman Reinders had reviewed the paper "Micro irrigation for smallholders and greenhouses" and was to communicate with Prof. Y. Nakano (Japan) so that it can be submitted to ICID Journal for its possible publication. Chairman Reinders may provide further developments.

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

13. Prof. Mohan Reddy Junna (USA) volunteered to prepare a book on "Soil and Water Management in Surface Irrigation Systems" (earlier "*Upgrading/ modernization of surface irrigation systems*"). Prof. Reddy prepared the guidelines for preparing the country reports and requested Chairman, Vice Chair and Secretary to identify irrigation specialists to prepare country case studies. There is no further progress on this task. Prof. Reddy may like to apprise progress.

14. As per the guidelines of the C-PR&P/ PCTA, the Working Groups need to deliberate and decide upon types of publications it proposes to bring out by filling out the **Annex 3** to be submitted to PCTA for financial planning.

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

15. The present tenure of the WG is up to 2014 and the work plan is shown as **Annex 4**. Group may like to update it in view of its ongoing activities.

**WG-ON-FARM Agenda Item 9: Website of the workbody**

16. New version of WG-ON-FARM website <[http://www.icid.org/wg\\_on-farm.html](http://www.icid.org/wg_on-farm.html)> is functional. Members are requested to access the refreshed website and provide their comments/ suggestions along with some relevant documents, links etc. for its posting on the group's website.

**WG-ON-FARM Agenda Item 10: Any other business**

17. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations,

and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

18. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013.



**WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)**

**Members and their attendance at 2011 and 2012 Meetings**

Sl. No.	Members	Member from (Year)	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Felix B. Reinders, Chairman, 2004 (South Africa)	1998	•		•		
2.	VPH Prof. Peter Kovalenko, Vice Chairman (Ukraine)	2001	•				
3.	Dr. A.K. Randev, Secretary (India)	2005					
4.	Dr. Kim Sun-Joo (Korea)	1999	#		#		
5.	Mr. Yan Guanyu (China)	2002	#		#		
6.	VPH Dr. J.A. Ortiz (Spain)	2003	•				
7.	Dr. Graziano Ghinassi (Italy)	2004	•		•		
8.	Mr. Hassan Shantia (Iran)	2006	#		•		
9.	Mr. Mohan Reddy Junna (USA)	2007		•			
10.	Dr. Abraham Mehari Haile (The Netherlands)	2008					
11.	Prof. Dr. Rai Niaz Ahmed (Pakistan)	2009	•				
12.	Mr. Francois Chretien (Canada)	2010			•		
13.	Mr. Mohd Yazid bin Abdullah (Malaysia)	2011	•		# <sup>1</sup>		
14.	Mr. Jano Anter (Germany)	2011	•		•		
15.	Dr. Akira Iwamoto (Japan)	2011	•		•		
16.	Dr. Chen, Ching-Tien (Chinese Taipei)	2012			•		
17.	Secretary General, ICID		#		#		
<b>Permanent observers</b>							
(i)	Mr. Bruno Molle (ISO)						
(ii)	FAO Representative		•				

<sup>1</sup> #Through representation

**WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)**  
**(Total sprinkler and micro irrigated area - arranged in descending order)**

Sl. No.	Country	Total irrigated area	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	Year of reporting
		(Mha)	(Hectares)				
1	USA	24.7	12,348,178	1,639,676	13,987,854	56.5	2009
2	India	60.9	3,044,940	1,897,280	4,942,220	8.1	2010
3	China	59.3	2,926,710	1,669,270	4,595,980	7.8	2009
4	Uzbekistan	4.186	4,300,000	2,000	4,302,000	100.0	2013
5	Brazil	4.45	2,313,008	327,866	2,640,874	59.3	2006
6	Russia	4.5	2,500,000	47,000	2,547,000	56.6	2012
7	Ukraine	2.2	2,450,000	52,000	2,502,000	100.0	2013
8	Spain	3.47	782,508	1,658,317	2,440,825	70.3	2011
9	Italy	2.67	981,163	570,568	1,551,731	58.1	2010
10	France	2.9	1,379,800	103,300	1,483,100	51.1	2011
11	Kazakhstan, Rep.	1.2	1,400,000	17,000	1,417,000	118.1	2013
12	Iran	8.7	744,000	547,000	1,291,000	14.8	2013
13	South Africa	1.67	920,059	365,342	1,285,401	77.0	2007
14	Turkey	5.73	680,000	340,000	1,020,000	17.8	2012
15	Saudi Arabia	1.62	716,000	198,000	914,000	56.4	2004
16	Australia	2.38	690,200	214,200	904,400	38.0	2005
17	Canada	1.053	683,029	6,034	689,063	65.4	2004
18	Azerbaijan	1.433	610,000	100	610,100	42.6	2013
19	Korea	1.010	200,000	400,000	600,000	59.4	2009
20	Mexico	6.2	400,000	200,000	600,000	9.7	1999
21	Egypt	3.42	450,000	104,000	554,000	16.2	2000
22	Germany	0.54	525,000	5,000	530,000	98.1	2005
23	Japan	2.47	430,000	60,000	490,000	19.8	2012
24	Romania	1.5	448,000	4,000	452,000	30.1	2008
25	Slovak Rep.	0.313	310,000	2,650	312,650	99.9	2000
26	Israel	0.231	60,000	170,000	230,000	99.6	2000
27	Morocco	1.65	189,750	8,250	198,000	12.0	2003
28	Hungary	0.22	185,000	7,000	192,000	87.3	2008
29	Moldova	0.228	145,000	15,000	160,000	70.2	2012
30	Syria	1.28	93,000	62,000	155,000	12.1	2000
31	UK	0.11	105,000	6,000	111,000	100.0	2005
32	Finland	0.07	60,000	10,000	70,000	100.0	2010

Annex 2 [Appendix XIV, Item 4]

Sl. No.	Country	Total irrigated area	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	Year of reporting
		(Mha)	(Hectares)				
33	Portugal	0.63	40,000	25,000	65,000	10.3	1999
34	Malawi	0.055	43,193	5,450	48,643	88.4	2000
35	Chile	1.09	16,000	23,000	39,000	3.6	2006
36	Chinese Taipei	0.38	18,850	8,750	27,600	7.3	2009
37	Bulgaria	0.588	21,000	3,000	24,000	4.1	2008
38	Czech Rep.	0.153	11,000	5,000	16,000	10.5	2007
39	Philippines	1.52	7,175	6,635	13,810	0.9	2004
40	Poland	0.1	5,000	8,000	13,000	13.0	2008
41	Slovenia	0.0073	8,072	733	8,805	100.0	2009
42	Malaysia	0.38	2,000	5,000	7,000	1.8	2009
43	Macedonia	0.055	5,000	1,000	6,000	10.9	2008
44	Nepal	1.18	-	-	5,000	0.4	2012
45	Lithuania	0.0044	4,463	-	4,463	100.0	2010
46	Estonia	0.002	100	500	600	30.0	2013
	<b>Total</b>	<b>218.43</b>	<b>43,252,198</b>	<b>10,800,921</b>	<b>54,058,119</b>	<b>24.7</b>	



**PUBLICATIONS OF THE WORKING GROUP**  
**WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)**  
**Established: 1998**  
**Convener: VPH Felix B Reinders (South Africa)**

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Manuals				
2	Guidelines				
3	Special Publication as a Book				
4	Proceedings of the Workshop/Conference				
5	Technical Paper				
6	Technical Note				
7	Policy Brief/Position Paper				
8	Compilation of Database				
9	Non-technical Paper/Article				
Filled by:					
Date:					

**WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)**

**Work Plan (2012-2014)**

2012	2013	2014
Continue updating datasheet on "Sprinkler and micro irrigated areas in ICID member countries"	Continue updating datasheet on "Sprinkler and micro irrigated areas in ICID member countries"	Continue updating datasheet on "Sprinkler and micro irrigated areas in ICID member countries"
Post the papers presented at the 8IMIC, Tehran on WB website Decide on future of Micro Irrigation Symposium	Plan and cooperate with the organisers of the 9th International Micro Irrigation Symposium	Plan and cooperate with the organisers of the 9th International Micro Irrigation Symposium
Finalize the revised questionnaire on "Survey of world-wide usage of sprinkler and micro irrigation" and circulate to NCs	Compile information received from countries filled in "Survey of world-wide usage of sprinkler and micro irrigation"	
Submit paper on "Micro irrigation for smallholders and greenhouses"		
Submit paper on "Field Water Management and Soil water Conservation under Spate Irrigation"		

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**AGENDA FOR THE 6TH MEETING OF THE  
WORKING GROUP ON WATER AND CROPS (WG-CROP)  
02 October 2013, 13.30-15.00, hours [Session I]  
02 October 2013, 15.30-17.00, hours [Session II]  
Mardin, Turkey  
Strategy Theme: On-Farm  
Presented by the Chairman**

**Year of Establishment: 2007**

**Completion of the Mandate: 2016**

**Mandate:** To promote the efficient use of water in crop production, to provide input to test crop water models, to investigate the use of energy crops for bio-fuel production, to develop techniques for rainfall harvesting, to promote the multifunctional use of water in paddy (rice) cultivation, to investigate the adaptation of agriculture to climate change and to promote low input agriculture.

**Website:** <<http://wg-crop.icidonline.org>>

**WG-CROP Agenda Item 1: Action Taken Report by Chair**

1. The Chairman may like to present a report regarding actions taken on the decisions made during the last meeting of the WG at Adelaide (2012).

**WG-CROP Agenda Item 2: Review of the membership of the Working Group**

1. The existing membership of the Working Group and their attendance at last two meetings is given in the **Annex 1**. The following new nominations for the membership of the WG have been received from respective National Committees and reviewed by the Chair :

- Mr. Marco Arcieri (Italy)
- Mr. Shreemat Shrestha (Nepal) – re-nomination

The Chair recommends and the WG may endorse these nominations for membership of the WG.

2. On the basis of non-attendance, non-participation, no communication with ICID (ICID by-law 3.6) during the last 2 or more consecutive years, Chair recommends discontinuation of memberships of the following members:

- VPH Prof. B.I. Maticic (Slovenia)
- Prof. R.G. Allen (USA)
- Mr. Chen Yih-Rong (Chinese Taipei)

The WG may endorse their discontinuation.

3. Dr. Andrew J. Sanewe (South Africa) has withdrawn WG membership on his own citing personal reasons. SANCID has been requested for fresh nomination.

**WG-CROP Agenda Item 3: Precision Agriculture: Promote the efficient use of water and low input in crop**

4. Dr. Hossein Dehghanisanji (Iran) has consented to present his paper on “Precision Irrigation” with the improved data during the meeting. The Chairman may apprise the members on further line of action on this item.

**WG-CROP Agenda Item 4: Energy crops for bio-fuel production**

5. VP Laurie C. Tollefson (Canada), Vice-Chairman of WG, who is also the Chairman of TF-BIO-ENERGY may brief the members on the developments on the subject in the TF-BIO. It is proposed to delete this item from the agenda of this WG (to avoid duplication) since it is better covered under TF-BIO.

**WG-CROP Agenda Item 5: Multi-functionality of water use in paddy (Rice) cultivation**

6. At Adelaide (2012), the WG agreed to publish a 'Technical Report' by consolidating contributions and collection of information from members by including the following topics with the identified resource persons:

SI.No	Name of the topics	Resource person identified
1	Efficient use of water in crop production	Dr K Y Reddy (India) / Dr Graziano Ghinassi (Italy)
2	Crop water models	VP Dr Ragab Ragab (UK)
3	Rainfall harvesting	Dr. Andrew Sanewe (South Africa)
4	Multifunctional use of water in paddy	VP Prof. Tai Cheol Kim (Korea) / Prof. Dr. Mohd Amin Mohd Soom (Malaysia), Dr. Graziano Ghinassi (Italy) and Dr. Inosako Koji (Japan)
5	Energy crops	VP Mr. Laurie C Tollefson (Canada)

7. In view of above, on behalf of Chairman, Central Office requested the concerned authors to prepare these chapters (about 25-30 pages each) and send to Chairman so that it can be peer reviewed before going to print. In response, Dr. Inosako Koji (Japan) has submitted Chapter-4 on '*Multifunctional use of water in paddy*' to Chairman of WG-CROP. Responses from others are awaited.

The Chairman may apprise the WG.

**WG-CROP Agenda Item 6: Management of Agriculture under Climate Change**

8. Presentations have been made by Dr. Yacob Beletse (South Africa) and Dr. K. Yella Reddy (India) on the subject (**Annex 2**). To enrich the subject area further, the WG will be organizing an International Workshop on '*Management of Water, Crops and Soils under Climate Change*', jointly with Working Group on Global Climate Change and Agricultural Water Management (WG-CLIMATE) scheduled to be held on 03 October 2013 at Mardin, Turkey. Fifteen full papers have been received for presentation in this workshop and can very well be used as source material by the WG.

The Chairman may apprise the WG and also discuss on deliverable on the subject.

**WG-CROP Agenda Item 7: Publications of the Working Group**

9. At Adelaide (2012), the WG decided to publish a '*Technical Report*' by consolidating contributions and collection of information from members as listed in **Annex 2**. The WG need to fill out **Annex 3** (defining the title, scope, audience and volume (number of copies) of Technical Report) for onward submission to PCTA by the Chairman. The Chairman may like to discuss the draft 'Scoping paper' for the report clearly defining the scope, the target audience and the timeframe.

**WG-CROP Agenda Item 8: Three-Year Work Plan**

10. In order to complete the mandate and focus on specific activity, a work plan is necessary. The PCTA will monitor progress against this plan at each Council meeting. The members may evolve a 3-year work plan which should include activities such as workshops, publications etc., with time frame; and responsibility allocation, as per the format in **Annex 4**. The Chairman may present the 3-year work plan to PCTA.

**WG-CROP Agenda Item 9: Website of WG**

11. 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. The Chairman informed the members that the 'SALTMED Model 2012' (required Input data Templates) have been uploaded on the website of the WG for free downloads. The Chairman may apprise the members of WG.

**WG-CROP Agenda Item 10: Any other business**

12. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatnews.html](http://www.icid.org/co_whatnews.html)

13. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013.



**WORKING GROUP ON WATER AND CROPS (WG-CROP)**

**Attendance of Members at 2011 and 2012 Meetings**

Sr. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Vice President Dr. Ragab Ragab, Chairman (UK)	2007	•		•		
2.	Vice President Laurie C. Tollefson, Vice-Chairman (Canada)	2009			•		
3.	Dr. K. Yella Reddy, Secretary (2010) (India)	2009	•		•		
4.	Vice President Hon. Prof. B.I. Maticic (Slovenia)	2007					
5.	Prof. R.G. Allen (USA)	2007					
6.	Vice President Prof. Tai Cheol Kim (Korea)	2007	•		•		
7.	Mr. Chen Yih-Rong (Chinese Taipei)	2007					
8.	Ms. Jaleh Vaziri (Iran)	2009	•			# <sup>1</sup>	
9.	Prof. Dr. Rai Niaz (Pakistan)	2009	•				
10.	Dr. Koji Inosako (Japan)	2010	•			#	
11.	Prof. Dr. Mohd Amin Mohd Soom (Malaysia)	2011	•		•		
12.	Dr. Magdi T. Abdelhamid (Egypt)	2011	•				
13.	Mrs. Gao Hong (China)	2012			•		
14.	Mr. Valery Vladimirovich Kalsky (Russia)	2012					
15.	Secretary General, ICID						
<b>Permanent Observers</b>							
1.	FAO representative						
2.	Mr. Herbert H. Van Lier, CIGR						
3.	Prof. D. Wrachien (Italy)						
4.	ICRISAT representative						

<sup>1</sup> # Through representation



**A LIST OF PAPERS / PRESENTATIONS MADE DURING PAST MEETINGS OF WG-CROP**

<b>Sl. No.</b>	<b>Names</b>	<b>Country</b>	<b>Title of the paper / presentation</b>	<b>Year</b>
01.	Dr. Yacob Beletse	South Africa	South African Agricultural Model Inter Comparison and Improvement Project	2012
02.	Dr. K. Yella Reddy	India	Mapping and Auditing of Multiple Uses of Water Services in Krishna Western Delta using MASSMUS Methodology – a Case Study	2012
03.	Dr. Ragab Ragab	UK	Water Footprint	2012
04.	Dr. Graziano Ghinassi	Italy	Agriculture Water Multi Functionality	2011
05.	Prof. Tai-Cheol Kim	Korea	Multi-functionality of water use in paddy (Rice) cultivation	2011
06.	Dr. Inosako Koji	Japan	Small scale hydropower generation using Agricultural Water	2011
07.	Dr. Alireza Massah	Iran	The potential impact of climate change on Iran's agriculture	2011
08.	Dr. Ragab Ragab	UK	Rainfall Harvesting	2010
09.	Mr. Laurie Tollefson	Canada	Water Use Efficiency in Irrigated Crop Production	2010
10.	Dr. Graziano Ghinassi	Italy	Food crops under global warming and changing water availability	2010
11	Prof. Tai-Cheol Kim	Korea	Counter Measures Against Climate Change	2010

**Annex 3** [Appendix XV, Item 7]

**PUBLICATIONS OF THE WORKBODIES**  
**(Draft only – PI add/delete/improve as appropriate)**  
**WORKING GROUP ON WATER AND CROPS (WG-CROP)**  
**Established: 2007**  
**Chairman: Dr. Ragab Ragab (UK)**

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Proceedings of the Workshop/Conference				
2	Technical Paper				
3	Technical Note				
Filled by:					
Date:					

**Annex 4** [Appendix XV, Item 8]

**WORKING GROUP ON WATER AND CROPS (WG-CROP)**  
**Three-Years Work Plan**  
**(Draft only – PI add/delete / improve as appropriate)**

Activity*	2013	2014	2015
<b><i>Publications</i></b>			
• Technical Report – Title, chapters etc			
• Inviting Authors			
• Peer Review			
<b><i>Workshops</i></b>			
• Workshop Title, scope etc			
• Workshop Proceedings			

\*Action plan need to be described for each activity with timeline and responsibility allocation.

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<p style="text-align: center;"><b>AGENDA FOR THE 18<sup>TH</sup> MEETING OF THE WORKING GROUP ON USE OF POOR QUALITY WATER FOR IRRIGATION (WG-PQW) 02 October 2013, 13.30-15.00 hours [Session I] 02 October 2013, 15.30-17.00 hours [Session II] Mardin, Turkey</b></p> <p style="text-align: center;"><b>Strategy Theme: On-Farm Presented by the Chairman</b></p>
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**Year of Establishment: 1995**

**Completion of the Mandate: 2016**

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**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.

**Website** <[http://www.icid.org/wg\\_pqw.html](http://www.icid.org/wg_pqw.html)>

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*(VPH Dr. Samia El-Guindy informed her inability to attend the Mardin event)*

**WG-PQW Agenda Item 1: Action taken report by Chair**

1. Chairman may like to present a report on the actions taken on the various decisions/ proposals of the WG at its last meeting held in Adelaide.

**WG-PQW Agenda Item 2: Review of the membership of the Working Group**

2. The current membership of the group and their attendance at the last two meetings is given in the **Annex 1**.
3. In accordance with ICID by-law 3.6 which stipulates that members of workbodies not contributing by their attendance/ correspondence for two consecutive years shall be replaced. In view of the above and as per Annex 1, Chair recommends discontinuation of the membership of Dr. Karim Shiati (Iran).

**WG-PQW Agenda Item 3: Presentations by members**

4. At Adelaide, the group proposed to make the following presentations during Mardin meeting :
- Reuse of saline drain water for irrigation – by Dr. Leon van Rensburg (South Africa)
  - Poor quality water and degraded land for biofuel crops – by Dr. Tapas Biswas (Australia)
5. The Central Office contacted Dr. Rensburg and Dr. Biswas and requested to get in touch with the Chair Dr.Samia El-Guindy to firm up their presentation. Response is awaited.

**WG-PQW Agenda Item 4: Cooperation with International Organizations**

6. The 5th Regional Workshop on 'Safe Use of Wastewater in Agriculture' was held on 5-7 March 2013 at Bali, Indonesia. Er. Avinash C. Tyagi, Secretary General participated in the workshop as a resource person. Representatives from CNCID, MANCID, and INACID participated in the workshop. The workshop was part of the joint Capacity Development Project on 'Safe Use of Wastewater in Agriculture' organized by the World Health Organization (WHO) in partnership with Food and Agriculture Organization of the United Nations (FAO), United Nations University Institute on Water, Environment and Health (UNUINWEH), UN-Water Decade Programme on Capacity Development (UNW-DPC), United Nations Environment Programme (UNEP), International Water Management Institute (IWMI), and ICID. Workshop participants requested ICID to provide guidelines for use of different grades of wastewater in agriculture, advice on the use of appropriate irrigation techniques that are safe and also make best use of nutrients present in the wastewater.

The WG will discuss and decide on the above request.

**WG-PQW Agenda Item 5: Publications of the Working Group**

7. At Adelaide meeting, the group decided to publish its outputs as 'Technical Notes' on the three topics viz.,
  - (i) Pesticides use and its impact on the environment;
  - (ii) Use of wastewater for irrigation; and
  - (iii) Impact of seawater rise and salt water intrusion on soil and vegetation.
8. For the above technical notes, the following members on their respective topics have volunteered to contribute:
  - Dr. Takanori Nagano (Japan) on "Impact of tsunami on the environment";
  - Dr. Tapas Biswas (Australia) on "The use of poor quality water and the new biofuel crops";
  - Dr. Bernard Vincent (France) on "Mitigation of subsurface drainage pesticide pollution by use of off pipe constructed wetlands";
  - Dr. Leon Van Rensburg (South Africa) on "Irrigation by using poor quality water"; and
  - Dr. Anna Tedeschi (Italy) on "Impact of irrigation by saline water on soil and crop production".

Of the above, Dr. Anna Tedeschi has provided a draft paper titled "Impact of saline irrigation water on soil conditions and soil properties" to the Chair/Central Office. WG will review the progress in preparation of contribution by other members.

9. In order to bring out the technical notes, the WG Chair after discussion with the Group may fill out the **Annex 2** for its submission to the Chair PCTA with the objective of financial planning for publishing the technical note.

**WG-PQW Agenda Item 6: Three-year rolling work plan**

10. The tenure of the WG has been extended up to 2016. The WG will prepare and firm up its three year rolling plan (2013-2016) at the meeting.

**WG-PQW Agenda Item 7: Website of the working group**

11. New version of WG-PQW website <[http://www.icid.org/wg\\_pqw.html](http://www.icid.org/wg_pqw.html)> is functional. Members are requested to access the website and provide their comments/ suggestions along with some relevant documents, links etc. for its posting on the group's website.

**WG-PQW Agenda Item 8: Any other business**

12. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

13. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013.

**WORKING GROUP ON USE OF POOR QUALITY WATER FOR IRRIGATION (WG-PQW)**

**Attendance of Members at 2011 and 2012 Meetings**

Sl. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Dr. Samia El- Guindy, Chair, 2011 (Egypt)	1999	•			•	
2.	Dr. Anna Tedeshi, Secretary (Italy)	2011	•		•	•	
3.	VP Dr. R. Ragab (UK)	1997	•		•		
4.	VPH Dr. Karim Shiati (Iran)	1997					
5.	Mr. Bernard Vincent (France)	2003	•		•		
6.	Dr. Leon van Rensburg (South Africa)	2010			•		
7.	Dr. Takanori Nagano (Japan)	2011	•		•		
8.	Dr. Magdy Abdel Hamid (Egypt)	2011	•				
9.	Ms. Nur Kuru (Turkey)	2012			# <sup>1</sup>		
10.	Dr. Ding Kunlun (China)	2012			•		
11.	Dr. Tapas Kumar Biswas (Australia)	2012			•		
12.	Secretary General, ICID		#				
<b>Permanent observer</b>							
(i)	FAO Representative						
(ii)	ICBA Representative (UAE)						

<sup>1</sup> #Through representation

**PUBLICATIONS OF THE WORKING GROUP**  
**WORKING GROUP ON USE OF POOR QUALITY WATER FOR IRRIGATION (WG-PQW)**

Established: 1995

Convener: VPH Dr. Samia El-Guindy (Egypt)

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Manuals				
2	Guidelines				
3	Special Publication as a Book				
4	Proceedings of the Workshop/Conference				
5	Technical Paper				
6	Technical Note				
7	Policy Brief/Position Paper				
8	Compilation of Database				
9	Non-technical Paper/Article				
Filled by:					
Date:					

**AGENDA FOR THE 1<sup>ST</sup> MEETING OF THE  
TASK FORCE TO GUIDE ICID INPUTS TO 7<sup>TH</sup> WORLD WATER FORUM (TF-WWF7)  
02 October 2013, 15.30-17.00 hours  
Mardin, Turkey  
Presented by the Chairman**

**Year of Establishment: 2012**

**Completion of the Mandate: 2015**

**Terms of Reference:** (1) To provide overarching lead role on behalf of ICID for inputs to 7th WWF by liaising with: (i) National Committees for required inputs for active participation in the themes of 7th WWF which are of direct relevance to ICID, and (ii) Workbodies on specific subjects related with 7th WWF, (2) To liaise with Korean National Committee (KCID) for preparatory work of 7th WWF; (3) To liaise with 7th WWF Program Committee and other International Bodies, especially FAO, interested to participate in the activities proposed to be organized during the 7th WWF; and (4) To regularly report to the IEC of the developments in the preparatory works leading to 7th WWF and recommend ICID inputs for consideration in 64th IEC.

**TF-WWF7 Agenda Item 1: Introduction by the Chair**

1. The TF was established in June 2012 as per the decision of the 63<sup>rd</sup> IEC held at Adelaide. Chairman Mr. Shinsuke Ota may like to apprise about the various meetings held and other activities related to WWF7 since the Adelaide meeting.

**TF-WWF7 Agenda Item 2: Membership of the Task Force**

2. The present membership of the Task Force is shown in the **Annex**. As suggested by Chairman Ota, ICID related WWC Governors viz., Mr. Akif Ozkaldi (Turkey), Dr. Kazumi Yamaoka (Japan), and Mr. Yaser Barghi (Iran) have been incorporated as members of TF-WWF7.

**TF-WWF7 Agenda Item 3: Report by the Korean National Committee on the Kick-off meeting of WWF7**

3. A Kick-off meeting of WWF7 was held on 14-15 May 2013 at Daegu-Gyeongbuk, Republic of Korea. The event was inaugurated by the World Water Council President Mr. Ben Braga and participated by more than 200 representatives from the world water community. From ICID, President Dr. Gao Zhanyi, VP Prof. Tai-Cheol Kim, VP Dr. Hüseyin Gundogdu, VPH Prof. Victor Dukhovny, VPH Shinsuke Ota, besides several Chairmen of National Committees attended the kick-off meeting.

4. It was informed that the 7th World Water Forum is expected to put the solutions emerged from the last Forum to its use/ implementation. Apart from political, thematic and regional processes, the WWF7 will also introduce science and technology processes. The guiding principles for WWF7 have been prepared for leading the four working processes – thematic, regional, political, and science and technology.

5. VPH Shinsuke Ota circulated the minutes of the meeting of the ICID and FAO participants held on the sidelines of the kick-off meeting for their comments/ suggestions. In response, VP Dr. Huseyin Gundogdu suggested to include – (a) the outcomes of the WWF1 to highlight the importance of the irrigation sector, (b) organize an ICID side event on the current issues of irrigation and drainage, and (c) organize a ministerial meeting on irrigation and drainage. Pres. Dr. Gao Zhanyi suggested to highlight the irrigation modernization activities in Asian countries.

Chairman will apprise further updates at the meeting.

**TF-WWF7 Agenda Item 4: Lessons from the 6<sup>th</sup> World water Forum, and follow up on commitments, progress on MoU signed between AFEID and KCID, and publications brought out**

6. During the 6<sup>th</sup> World Water Forum held at Marseille, the French National Committee (AFEID) and Korean National Committee (KCID) had signed a MoU for taking forward the work and commitments of ICID until WWF7. Both Committees will ensure continuity between the 6<sup>th</sup> and 7<sup>th</sup> Forum on water issues for food security, and food



and water energy nexus. Both, AFEID and KCID thus undertake to carry out relevant activities over three years with the objective of fulfilling the relevant WWF6 commitments as a contribution of ICID to WWF7.

Representatives from AFEID and KCID will provide their feedback

**TF-WWF7 Agenda Item 5: Consideration of the ‘Discussion paper’ on “Role of ICID in 7<sup>th</sup> World Water Forum”**

7. Chairman will present a ‘Discussion Paper’ explaining the significance and role to be performed by ICID, involvement of National Committees and Working Groups, collaboration with other international organizations and experts, action plan, and publishing of an outcome of TF-WWF7.

**TF-WWF7 Agenda Item 6: Any other Business**

8. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

9. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the TF report to PCTA meeting on 04 October 2013.

**TASK FORCE TO GUIDE ICID INPUTS TO 7th WORLD WATER FORUM (TF-WWF7)**

**Members**

<b>Sl. No.</b>	<b>Name</b>	<b>Country</b>
1.	VPH Mr. Shinsuke Ota, Chairman	Japan
2.	PH Prof. dr. Bart Schultz	The Netherlands
3.	PH Prof. Dr. Chandra Madramootoo	Canada
4.	VP Prof. Kim Tai-Cheol	Korea
5.	VP Mr. François Brelle	France
6.	Mr. Akif Ozkaldi	Turkey
7.	Dr. Kazumi Yamaoka	Japan
8.	Mr. Yaser Barghi	Iran
9.	Er. Avinash C. Tyagi, Secretary General, ICID - Resource Person	

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**AGENDA FOR THE 7<sup>TH</sup> MEETING OF THE  
TASK FORCE ON FINANCING WATER FOR AGRICULTURE (TF-FIN)  
03 October 2013: 09.00-10.30 hours  
Mardin, Turkey  
Strategy Theme: Systems  
Presented by the Chairman**

**Year of Establishment: 2007**

**Completion of the Mandate: 2013**

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**Mandate:** The focus of TF-FIN is to get a better understanding and assessment of (i) the required investments and beneficiaries of those investments in agricultural water, (ii) the presently available financing mechanism and constraints for maintaining or improving physical irrigation capacity; and (iii) the expected changes and innovations for more appropriate financing mechanisms to enable sustainable water use for food production.

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**TF-FIN Agenda Item 1: Overview of Activities by Chairperson**

1. The TF-FIN organized a workshop on “*Country case studies on water use charging systems and available financing of irrigation*” during Adelaide meeting (2012). Three country case studies from South Africa, France and Japan were presented.
2. It was decided by TF that the presenters would provide their final write-up of the country case studies to Central Office and Chairman for preparing the final report of the TF. In response, Dr. Sylvain Perret has submitted his revised write up on “*What needs and options for financing irrigation for rice production in Thailand? An investigation of irrigation supply costs, use value, and commodity chain economics in a case study scheme*” to the Chairman of the TF. Dr Backeberg completed a write-up of the presentation during the 2012 meeting in Adelaide on “*Financing of raising Clanwilliam dam for flood safety and irrigation expansion in the Lower Olifants River WUA*”. The final write-up of other one study is awaited. Further, Dr. Brain Davidson (Australia) has also submitted (2013) a paper titled “*Water user charging systems and financing of irrigation development in Australia: A case study of Goulburn Murray Water*”.
3. The summary of past activities, workshops held and presentations made by concerned members of TF is given in **Annex 1**.

**TF-FIN Agenda Item 2: Publications of the TF-FIN**

4. The TF will approve the final report at this meeting and submit to PCTA/IEC for its consideration.
5. The TF may keep in mind the country reports and case studies presented on the subject during its tenure as shown in **Annex 2**.

**TF-FIN Agenda Item 3: Conclusion of activities of the Task Force**

6. The TF-FIN will conclude and recommend for winding it up during this meeting of the TF. The final editing work on the draft report will be carried out electronically.

**TF-FIN Agenda Item 4: Any other business**

7. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

8. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the TF report to PCTA meeting on 04 October 2013.

### SUMMARY OF PAST ACTIVITIES OF TF-FIN

**Existing Members:** (1) Vice President Dr. Gerhard R. Backeberg, Chairman (South Africa, 2009); (2) Prof. Dr. Kazumi Yamaoka, Vice-Chairman (Japan, 2009); (3) Dr. Sylvain-Roger Perret, Secretary (France, 2010); (4) Mr. E. Farhadi (Iran, 2009); (5) Mr. V.K. Chawla (India, 2009); and (6) Dr. Brian Davidson (Australia, 2009).

#### Year 2007-2008

The newly created Task Force on Financing Water for Agriculture (TF-FIN) was established and its first meeting held on 30 September 2007 at Sacramento, USA. The mandate / objectives and work plan was discussed. It was suggested that the mandate should focus on getting better understanding and insight of the demand side of financing water for agriculture and the need for more appropriate financing mechanisms because of the fast changing environment of the agriculture sector due to increasing demands for food.

#### Year 2008-2009

At Lahore (Pakistan), the TF had agreed to focus on (i) exploring a better understanding and gaining an insight on the demand side of financing water for agriculture; (ii) the need for an appropriate financing mechanisms in the fast changing environment of the agricultural sector due to increasing demands for food (population growth and diet change), more competition also from agro-fuels; (iii) the consequent increases in market prices of staple agro-produce; and (iv) the need for climate change adaptation. TF prepared a framework document for the whole range of activities including guidelines for the case studies. TF prepared a draft paper to allow financing institutions (e.g. Global Exchange for Social Investment), donors and other relevant institutions, national committees to provide feedback and additional contributions.

#### Year 2009-2010

Dr. G.R. Backeberg (South Africa), Mr. Eric Viala (USA), Dr. Sylvain-Roger Perret (France) were elected as the Chairman, Vice-Chairman and Secretary of the TF, respectively. The other members were from France, Iran, Japan, India and Australia.

An internal workshop of TF titled "*Development and financing of irrigation scheme*" was organized. Dr. Backeberg presented his opening paper and stressed that the development and operation of a public funded irrigation schemes involve many actors, with the Government as a key driver in the process. Dr. Sylvain Perret also presented an assessment of an irrigation scheme in South Africa. TF members agreed to redefine the aims of the TF in line with those presented in the background papers and to focus on extensive area of user charges and its associated economic influences. The TF was expected to organize a set of workshops during ICID annual meetings. The members of TF were encouraged to present on the methods of imposing user charges in their countries during its meeting held in October 2010.

#### 2010-2011

TF-FIN organized another internal workshop on "*Country policies and strategies on financing and implementation of current water user charging systems in irrigation*" during the TF meeting. Presentations were made by – Dr. G.R. Backeberg, Chairman, TF-FIN – "Policy and strategies for financing irrigation development in South Africa", (ii) Dr. Sylvain Perret (France) – "Policy and strategies for financing irrigation operation and development in Thailand: past and present, (iii) Prof. Dr. Kazumi Yamaoka (Japan) – "Policies and Strategies on Irrigation Charging Systems for Rice Paddies in Japan and the Asian Monsoon Region", and (iv) Dr. Brian Davidson (Australia) – "Policy and strategies on Financing and Implementation of Current Water User Charging Systems in Irrigation in Australia".

#### 2011-2012

A full-day workshop on "*Water Use Charging Systems and Available Financing of Irrigation: Case Studies for Cross-Country Comparisons*" was planned but not held due to insufficient contributions committed to by TF members at Tehran, Iran in October 2011. The TF agreed to conclude its activities by bringing out a report on papers presented during Workshops, with the possibility to publish papers from the report.

**2012-2013**

The TF has collected case studies from Australia, Iran, Japan, South Africa, Thailand, Pakistan and India. An internal workshop titled “*Country case studies of water use charging systems and available financing of irrigation*” was organized on 25 June 2012 at Adelaide, Australia. Three country case studies were presented, namely: ‘*Financing of raising Clanwilliam dam for flood safety and irrigation expansion in the Lower Olifants River WUA*’ by VP Dr. G. Backeberg (South Africa); ‘*Case studies on the economics of irrigated rice in Thailand: what options for financing irrigation?*’ by Dr. Sylvain-Roget Perret (France); and ‘*Policies and Strategies on Irrigation Charging Systems for Rice Paddies in Japan and the Asian Monsoon Region*’ by Prof. Dr. Kazumi Yamaoka (Japan).

The draft report was handed to members during the 2012 meeting held in Adelaide. It was agreed to allow a final opportunity for contribution of case studies by TF members on the two themes addressed during the 2010 and 2012 workshops. Finally a request was submitted to PCTA to extend the term of the TF with one year to 2013.

During 2013 Dr. Brain Davidson (Australia) and Dr. Sylvain R. Perret (France) have submitted their *revised* report on “Water user charging systems and financing of irrigation development in Australia : A case study of Goulburn Murray Water” and “What needs and options for financing irrigation for rice production in Thailand?”, respectively. Dr Backeberg completed a write-up of the presentation during the 2012 meeting in Adelaide on “*Financing of raising Clanwilliam dam for flood safety and irrigation expansion in the Lower Olifants River WUA*”.

Based on the workshop papers on country case studies, the TF will complete a report titled “*Water Use Charging Systems and Available Financing of Irrigation: Case Studies and Cross-Country Comparison*”.

The TF-FIN will be completing its mandate in October 2013 at Mardin, Turkey after bringing out its final TF report.



**Annex 2** (Appendix XVIII, Item 2)

**LIST OF PAPERS / PRESENTATIONS MADE  
DURING WORKSHOPS IN 2009-2012**

Sl. No.	Names	Country	Title of the paper / presentation	Year
1	Dr. Gerhard Backeberg	South Africa	Development and financing of irrigation Schemes : Towards a consistent approach	2009
2	Dr. Sylvain Perret	France	The financial costs of irrigation services: framework, assessment and meaning. Example from South Africa.	2009
3	Dr. Brian Davidson	Australia	Prices, costs and values for irrigation water: Basic concepts	2009
4	Dr. Gerhard Backeberg	South Africa	Policies and strategies on financing and implementation of current water use charging systems for irrigation in South Africa	2010
5	Dr. Kazumi Yamaoka	Japan	Policies and strategies on irrigation charging systems for rice paddies in Japan and the Asian Monsoon Region	2010
6	Mr. Bashir Ahmed Sial	Pakistan	Pakistan policies and strategies on financing and implementation of current water user charging systems in irrigation	2011
7	Mrs. Ananya Ray	India	Country policy and strategies on financing and implementation of current water user charging systems in irrigation: Case study of India	2011
8	Mr. E. Farhadi	Iran	Financing water for agriculture in Iran	2012
9	Dr. Gerhard Backeberg	South Africa	Financing of raising CliaWilliam dam for flood safety and irrigation expansion in the Lower Olifants River WU	2012
10	Dr. Sylvain Perret	France	The economics of irrigated rice in Thailand what options for financing irrigation? Case studies	2012
11	Dr. Kazumi Yamaoka	Japan	Policies and strategies on Irrigation charging systems for rice paddies in Japan and the Asian Monsoon Region	2012
12.	Dr. Brian Davidson	Australia	Water user charging systems and financing of irrigation development in Australia : A case study of Goulburn Murray Water	2013



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**AGENDA FOR THE 4<sup>TH</sup> MEETING OF THE  
TASK FORCE ON WATER FOR BIO-ENERGY AND FOOD (TF- BIO-ENERGY)**  
03 October 2013, 09.00-10.30 hours  
Mardin, Turkey  
Strategy Theme: Basin  
*Presented by the Chairman*

**Year of Establishment: 2010**

**Completion of the Mandate: 2013**

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**Mandate:** Evolve "ICID's position paper on Water for Bio-Energy and Food"

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**TF-BIO-ENERGY Agenda Item 1: Action Taken Report by Chair**

1. The Chairman may like to present a report regarding actions taken on the decisions made during the last meeting of the TF at Adelaide (2012).

**TF-BIO-ENERGY Agenda Item 2: Review of membership of the Task Force**

2. The existing membership of the TF and their attendance for the last two meetings is given at **Annex 1**.

**TF-BIO-ENERGY Agenda Item 3: Publications of the Task Force**

3. As per the mandate of the TF, it plans to develop a position paper on 'Water for Bio-Energy and Food' and for the purpose, an International Workshop on "*Country Policies and Developments of Water for Bio-Energy and Food*" was held at Adelaide (2012) where five country papers were received (**Annex 2**). In order to develop a position paper, the authors have been requested to suitably modify/edit/improve their papers following the structure given in the 'Scoping Document' (**Annex 3**). Amit Dutta (India) and Andre Roux (South Africa) have submitted their papers to Chair and responses from others are awaited. As such, to enrich the position paper, nominations and country papers were invited from Australia, Brazil, China, Iran and USA but unfortunately no response have been received so far.

The Chair may like to present the draft position paper based on papers received so far.

**TF-BIO-ENERGY Agenda Item 4: Tenure of the TF**

4. The mandate of the TF comes to an end in 2013 and as such the present TF will be wound up. Members may like to deliberate, if they would like to extend the tenure of the TF with strict time line and responsibility allocation for developing the position paper of the TF.

**TF-BIO-ENERGY Agenda Item 5: Any other business**

5. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

6. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the TF report to PCTA meeting on 04 October 2013.

**Annex 1** [Appendix XIX, Item 1]

**TASK FORCE ON WATER FOR BIO-ENERGY AND FOOD (TF-BIO-ENERGY)**

**Attendance of Members at 2011&2012 Meetings**

Sl. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Mr. Laurie C. Tollefson, Chairman, (Canada)	2010		•	•		
2.	Ing. Helvecio Mattana Saturnino (Brazil)	2010					
3.	Mr. Sanjay Belsare (India)	2010	•		•		
4.	Mr. Uttam Raj Timilsina (Nepal)	2012	--	--	•		
5.	Dr. Fuqiang Tian (China)	2012	---	--	•		
6.	Secretary General, ICID	2010	# <sup>1</sup>		#		

**Annex 2** [Appendix XIX, Item 3]

**LIST OF PAPERS RECEIVED FOR THE WORKSHOP IN JUNE 2012 AT ADELAIDE**

Sl. No.	Names	Country	Title of the Submission
1	Mr. Bashu Dev Lohanee	Nepal	Non-conventional method of irrigation for food security
2	Mr. Uttam Raj Timilsina	Nepal	The scope on production and usage of biofuels in Nepal
3	Mr. Amit Dutta	India	Country policies and developments of water for bio-energy and food – India
4	Mr. André Roux	South Africa	Crop production and water use for biofuels in South Africa
5	Mr. Laurie Tollefson	Canada	Biofuel production in Canada and opportunities under irrigated cropping systems

<sup>1</sup> # Represented

**TASK FORCE ON WATER FOR BIO-ENERGY AND FOOD (TF-BIO-ENERGY)**  
**SCOPING DOCUMENT FOR**  
**ICID POSITION PAPER ON BIO-ENERGY AND WATER**

**Objective**

Bio-energy production and use have both positive and negative environmental and socio-economic consequences, including those pertaining to water. Water, which is already a scarce resource in many parts of the world, will come under further stress providing competitive demand on water for food production. The expansion and intensification of bio-energy production could add to existing pressures on land and water management. Therefore, water resources management and adequate policies and strategies are needed to help ensure sustainability and balance different types of use in the short and longer term.

**Scope**

The position paper presents the collective views of the ICID community on bio-energy production and its impacts on food security. Some of the questions that should be attempted to be answered in the paper are:

- WHAT is the nexus between bio-energy, water and food production/food security?
- HOW are the production and use of bio-energy products likely to influence the future state of water resources?
- WHAT are its impacts on agriculture water availability and use?
- WHAT are the data and tools requirements for making required impact assessments?
- WHAT are capacity development needs for making better decisions in this respect?
- HOW can Irrigation Authorities prepare themselves where such policy decisions are taken by the national governments?
- HOW can society mitigate negative impacts of bio-energy production?

This is neither a research paper nor attempted to be a comprehensive state of knowledge document on the subject only summarizing background information and context. It is based on the existing works and state of knowledge and the reference list is intended to support further studies of the subject treated, in addition to supporting statements made. As such the Paper should/would be revised as fresh knowledge on this evolving subject is made available and is therefore, recommended to be reviewed every five years.

**Target Audience**

Main audience for this position paper are the National Committees and its members who might be called upon by their governments to advise on various facets of Bio-energy policies, its implications on water resources management, particularly on agriculture water management, production, and setting up regulatory mechanism .

**PROPOSED TABLE OF CONTENTS**

**1. Context and Background**

(Pressure on fossil fuels and increasing energy demands, increasing threat to food security and implications for irrigation management policies and practices. Objective, scope and the target audience of the Position Paper)

**2. Particularities of Water, Bio-energy and Food security Nexus**

(understanding water and bio-energy interaction, Land-water and soil-waterinteraction, appropriated scale, scope and resolution, embedded water, water footprints; Blue, green and grey water, implications for sustainable agriculture, land use and food production, understanding the risks and harnessing the opportunities)

### **3. Bio-energy Production**

{Feedstock (or agriculture) production and Industrial processing (or conversion)}

### **4. Issues and concerns**

(Future Bioenergy production will focus on intensified biomass production, put pressure on the existing natural resources and exacerbate an already alarming situation in many parts of the world unless it is undertaken after a clear understanding and assessment of its various impacts. The main concerns that need to be considered are:

- Food Security
- Water scarcity
- Land degradation
- Ecological degradation
- Inequity in development

### **5. Impact Assessment**

Impacts of bio-energy production depend on the state of the resource base that is drawn upon. Impact assessments should form the basis for decision-making. Given the complexity of the inter-linkages between bioenergy production, food production, land degradation, ecological impacts and water, an assessment framework is critical if operators and policymakers are to be able to evaluate the positive and negative effects of bioenergy development on water resources, problems with Macro-level analysis, spatial and temporal context, addressing uncertainties. The assessment framework needs to take into account the water intensity of proposed activities, the state of water resources, and impacts at a specific location.

### **6. Identified Risks**

Bio-energy production with its positive as well as negative effects has to be evaluated in terms of the net benefits by decreasing the risks, i.e. the probability of a negative consequence. These socio-economic and environmental risks are:

- a. Food security concerns:
- b. Water quality concerns: need to be addressed: point source and cumulative effects  
{Bioenergy systems can influence the quality of water nearby and over long distances, with resulting consequences for biodiversity and human needs. Impacts on water quality need to be considered at the project level (point source) and watershed level (non-point source or cumulative effects)}.
- c. Limitations on available Science and Tools: Need to enhance understanding of effect of bioenergy production on hydrological cycle, test and validate new techniques, identify new issues,
- d. Lack of public policies
- e. Lack of good scientific and analytical Assessment of the risks and the opportunities of different kinds of technologies and development choices
- f. Lack of regulatory framework

### **7. Mitigation of Risks**

There are ways to avoid or mitigate negative impacts, and in some circumstances bioenergy development may help improve the water situation. These are:

- a. Think hydrologically, simplistic approaches lead to perverse outcomes and unintended consequences. Take a holistic approach and a long-term perspective
- b. Base decisions on impact assessments to ensure sustainable water management

**Annex 3** [Appendix XIX, Item 3]

- c. Sustainable bioenergy development is not possible unless appropriate water resources management tools are applied
- d. Appropriate tools and the skills and data to support them need to be developed and made available
- e. Design and implement effective water-related policy instruments to help avoid long-term adverse consequences while maximizing potential benefits, can directly or indirectly influence how bioenergy production affects water availability and quality.
- f. Bioenergy-related water policy instruments need to be designed to be coherent with regard to instruments in related policy sectors and with existing water policy instruments, including those concerned with irrigation and other agricultural practices and industrial water use.
- g. Establish/support appropriate institutions and processes in order to intensify dialogue on the topic and on capacity building
- h. Conduct further research, fill data gaps, and develop regionalized tools,

**8. ICID Recommendation**

**9. Further readings**

1. Göran Berndes, (2008), "Water demand for global bioenergy production: trends, risks and opportunities" Göteborg, Berlin (2008). [http://www.wbgu.de/wbgu\\_jg2008\\_ex02.pdf](http://www.wbgu.de/wbgu_jg2008_ex02.pdf)
2. UNEP (2011), "The bioenergy and water nexus" <http://www.unep.fr/energy/bioenergy>
3. UNEP (2011), "Water and bioenergy", Issue Paper No 2, Bioenergy Issue Series, <http://www.unep.fr>



**AGENDA FOR THE 2<sup>ND</sup> MEETING OF THE  
TASK FORCE ON VALUE ENGINEERING (TF-VE)  
03 October 2013: 09:00-10:30 hours  
Mardin, Turkey  
Strategy Theme: Systems  
Presented by the Secretary General**

**Year of Establishment: 2012**

**Completion of the Mandate: 2015**

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**Mandate:** The objective of the Task Force (TF) would be to promote the application of Value Methodology (Value Engineering, Value Analysis, Value Planning, Value Management and Value Engineering Change Proposal (VECP)) in irrigation, drainage and flood management projects to increase benefits, reduce cost and ensure sustainable irrigated agriculture.

**Terms of Reference (ToR)**

1. Develop a Website on application of Value Engineering in Irrigation and Drainage projects
2. Produce a Documentary on application of Value Engineering in Irrigation and Drainage projects
3. Organize workshops and seminars on application of Value Engineering in Irrigation and Drainage projects
4. Prepare a Manual on application of Value Engineering in Irrigation and Drainage projects

**Members:** (1) Dr. Kamran Emami (Iran), Convener; and (2) Dr. Vijay K. Labhsetwar (Coordinator) ICID CO.

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**TF-VE Agenda Item 1. Action Taken Report by Chair**

1. Convener may like to present a report regarding actions taken on the decisions made during the last meeting of the TF at Adelaide (2012).

**TF-VE Agenda Item 2. Membership of the Task Force**

2. The following new nominations have been received for the membership of TF-VE –
  - Mr. François BRELLE (France).
  - Mrs. Remziye YILDIZ GULAGACI (Turkey).
  - Mr. Suman Sijapati (Nepal) – re-nomination
3. Since the TF is proposed to be wound up (see Item 3), these nominations may be considered only after a discussion on item 3. Based on the decision, the Central Office will inform the concerned National Committees, accordingly, in due course of time.

**TF-VE Agenda Item 3. Review of the establishment of the TF-VE**

4. The TF has a limited period of three years to complete its mandate which was clearly defined at the time of inception of the TF in 2011. However, no progress has been observed on any of the items such as development of a website, preparation of a documentary and a Manual on application of Value Engineering in Irrigation and Drainage as per the mandate. Clearly there is hardly any interest from the members as only three nominations have been received for membership despite calls before 2012 and 2013 IEC meetings. There is only one member of TF. Even the presenters for the proposed workshop have not been nominated by their respective NCs for the membership. The TF is thus without any Secretary or Chairman.
5. In view of above, it is proposed to wind up the TF as neither has it evoked adequate interest from the members nor it has progressed on the tasks listed in the Terms of References. While application of value engineering as a tool in the industry cannot be denied, I&D industry or the NCs perhaps have not risen to the occasion. Perhaps the time for such a TF to take up mandate such as preparation of manual and website has not come. The members present at the meeting may like to deliberate on the proposal.



**TF-VE Agenda Item 4. Internal Workshop of TF-VE at Mardin, Turkey in 2013**

6. An Internal Workshop titled “*Value Engineering Applications in Irrigation and Flood Projects*” was announced by the convener with the sub-themes of the workshop are : (a) Evolution in VE methodology; (b) Successful VE stories in irrigation and flood projects; (c) The role of Laws and Regulations in implementation of VE; (d) VE programme; (e) Project management and VE; (e) Sustainability and VE; (f) Information Technology and VE; and (g) Training and Education in VE.
7. The responses received for the workshop are :

Sl. No	Names	Country	Title of the paper
1.	Mr. Shridhar A. Behare <i>et al</i>	India	Training and Education in Value Engineering
2.	Mr. Hamidur Rahman Molla	Bangladesh	Validation and Dissemination of Alternate Wetting and Drying (AWD) Irrigation Practice at Farm Level
3.	Sr Dr Mohd Mazlan Haji Che Mat	Malaysia	Project Management and Value Engineering
4.	Mr. Davoodreza Arab	Iran	(1) The Value Engineering of Qalechai Irrigation Network Project (2) Optimization Khodaafari in irrigation network by using Value Engineering

The Convener may invite the members to make their presentations.

**TF-VE Agenda Item 5. Any other business**

8. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)
9. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the TF report to PCTA meeting on 04 October 2013.

**AGENDA FOR THE 6<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON WATER MANAGEMENT IN WATER  
STRESSED REGIONS (WG-DROUGHT)**

**03 October 2013, 11.00-12.30 hours (Session I)**

**03 October 2013, 13.30-15.00 hours (Session II)**

**Mardin, Turkey**

**Strategy Theme: Basin**

**Presented by the Chairman**

**Year of Establishment: 2008**

**Completion of the Mandate: 2014**

**Mandate:**

- (i) Drought Management Strategies: To capture field experiences of the implementation of drought risk management strategies.
- (ii) Coping with water scarcity: (a) Critical evaluation of the validity of the crop water requirement computations based on climate data as a tool to be used in coping with water scarcity; (b) Approaches and strategies for incorporating economical justification when deciding on the amount of water to be allocated for agricultural production; (c) Re-defining, as necessary, the conventional irrigation efficiency concept; and (d) Design, operation and maintenance of sand dams – Under-ground water reservoirs.
- (iii) Rainfall management for sustainable agriculture: Innovation and implementation of smart rainfall management technologies.

**Website:** <http://wg-iadws.icidonline.org>

**WG-DROUGHT Agenda Item 1: Action Taken Report by Chair**

1. The Chair may like to present a report regarding actions taken on the decisions made during the last meeting of the WG at Adelaide (2012).

**WG-DROUGHT Agenda Item 2: Review of the membership**

2. No new nominations have been received for the membership of the Group. The existing membership of the Working Group and their attendance at last two meetings is given in the **Annex 1**. On the basis of non-attendance, non-participation, no communication with ICID (ICID by-law 3.6) during the last 2 or more consecutive years, Chair recommends discontinuation of memberships of the following members:

- Dr. Abraham Mehrari Haile (The Netherlands)
- Dr. Benjamin de León Mojarro (Mexico)

The WG may endorse the discontinuation of their membership.

**WG-DROUGHT Agenda Item 3: An International Workshop on ‘Developing Management Strategies for Coping with Drought and Water Scarcity’ in October 2013 at Mardin, Turkey**

3. The WG organized an International Workshop on ‘*Developing Management Strategies for Coping with Drought and Water Scarcity*’ on 02 October 2013 during First World Irrigation Forum. Sixteen full papers have been received for this workshop and can very well be used as source material by the WG for its publication.

The Chairman may apprise the WG.

**WG-DROUGHT Agenda Item 4: Presentations by Theme Leaders**

4. At Adelaide (2012), Prof. Chang-Chai Cheng, Chinese Taipei (Theme Leader of Theme 1) and Mr. Clarke Ballard, Australia (Theme Leader of Theme 3) made their respective presentations as per **Annex 2**. Further, Chairman Mr. Dimick (USA) summarized the presentation - prepared by Mr. Mohammad Sadegh Jafari (Iran), on Theme 2 “Coping with water scarcity”. To enrich the contents, the Theme Leaders and members of each Work

Team were requested to update and improve their papers based on feedback from team members towards fulfilling the mandate of the WG by interacting among themselves electronically and present the outcome in the Mardin meeting.

5. Chairman may invite the Theme Leaders for their presentations and then apprise the members of the Group.

**WG-DROUGHT Agenda Item 5: Publications of the Working Group**

**WG-DROUGHT Agenda Item 5.1: ‘Irrigation under Drought and Water Scarcity’ – publication of the erstwhile WG- IADWS**

6. The WG-IADWS publication titled “*Irrigation under Drought and Water Scarcity*” has been under preparation and review for quite some years now. The publication has been delayed due to no consensus among the membership on the out-of-date literature and some irrelevant contents. As per the minutes of the Adelaide meeting (2012), the Chapters were once again circulated (28 August 2012) to the Authors of the concerned chapters for rectifying the deficiencies discussed during the meeting.

7. In absence of response from authors/members, Secretary General Avinash Tyagi in consultation with VPH Dr. S. Nairizi revised the table of contents to suit the publication and removed duplicity and irrelevant contents. With the external expert assistance, the Chapters are being revised by Central Office and the draft document may be circulated amongst the membership and a few hard copies made available during the meeting for comments and suggestion, if the task is done in time.

**WG-DROUGHT Agenda Item 5.2: Final output of the WG-DROUGHT required by 2014**

**WG-DROUGHT Agenda Item 6: The WG needs to deliberate on the following:**

8. What should be the final output of the WG- Drought?

- The proceedings of the Workshop in 2013?
- Three technical papers, one prepared by each of the three present Theme Leaders, using the workshop outputs and any other material they have collected?
- A single technical paper with a title of “*Water Management in Water Stressed Regions*” or similar, on the basis that the three Themes are so interlinked that papers on each theme will inevitably be duplicative?
- Some other output (refer to “Proposed Outcomes of ICID workbodies” – **Annex 3**)

9. The Chairman may like to discuss the above clearly defining the scope, the target audience and the timeframe. To do this, the WG may fill out **Annex 3** for onward submission to PCTA by the Chairman.

**WG-DROUGHT Agenda Item 7: Three-Year Rolling Plan**

10. In order to complete the mandate in time, a rolling work plan is necessary. The PCTA will monitor progress against this plan at each Council meeting. The members may evolve a work plan which should include activities as described above with time frame; and responsibility allocation, as per the format in **Annex 4**.

The Chairman may present the work plan to PCTA.

**WG-DROUGHT Agenda Item 8: Any other business**

11. Prof. Chang-Chai Cheng, Chinese Taipei (Theme Leader of Theme 1) has won the Silver as well as Special Award of the Archimedes 2013 for his work on ‘Assembling Multi-function Platform’ in a ceremony held during the XVI Moscow International Salon of Inventions and Innovative Technologies from 2-5 April 2013 at Moscow, Russia. CONGRATULATIONS!

12. Prof. Cheng may share/present his innovation to the members.

13. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with

their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

14. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013.



**WORKING GROUP ON WATER MANGAEMENT IN WATER  
STRESSED REGIONS (WG-DROUGHT)**

**Attendance of Members at 2011 and 2012 Meetings**

Sr. No.	Members	Member from	2011		2012	
			Self	Contributed by mail	Self	Contributed by mail
1.	VPH Franklin E. Dimick, Chairman, 2009 (USA)	2008			•	
2.	Mr. Mohammad Sadegh Jafari, Vice-Chairman, 2009 (Iran)	2008	•			
3.	Dr. Abraham Mehrari Haile, Secretary, 2009 (The Netherlands)	2008				
4.	Vice President Dr. Ragab Ragab (UK)	2008	•		•	
5.	Dr. Graziano Ghinassi (Italy)	2008	•		•	
6.	Prof. Chang-Chi Cheng (Chinese Taipei)	2008	•		•	
7.	Dr. T.B.S. Rajput (India)	2009	# <sup>1</sup>			
8.	Dr. Benjamin de León Mojarro (Mexico)	2010				
9.	Dr. Takanori Nagano (Japan)	2011	•		•	
10.	Dr. Kiwook Park (Korea)	2011	•			
11.	Mr. V.C. Ballard (Australia)	2012			•	
12.	Dr. Gurhan Demir (Turkey)	2012	•		•	
13.	Dr. Hakan Aksu as Young Professional	2012			#	
14.	Secretary General, ICID				#	

<sup>1</sup> # Representation

**Annex 2** [Appendix XXI, Item 4)

**WORKING GROUP ON WATER MANAGEMENT IN WATER STRESSED REGIONS (WG-DROUGHT)**

**Work Teams and its Membership**

<b>Themes of the WG-DROUGHT</b>	<b>Theme 1</b> : Drought Management Strategies in Water Stressed / Scarce Regions	<b>Theme 2</b> : Coping with Water Scarcity	<b>Theme 3</b> : Rainfall Harvesting and Management for Sustainable Agriculture in Water Stressed /Scarce Regions
<b>Theme Leaders of the WG</b>	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
<b>Members of the Group Theme Leaders</b>	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. Dimick (USA) Dr. Benjamin de León Majarro (Mexico)

**Annex 3** [Appendix XXI, Item 5.2]

**PUBLICATIONS OF THE WORKBODIES  
WORKING GROUP ON WATER MANAGEMENT IN WATER STRESSED REGIONS (WG-DROUGHT)**

Established: 2008

Convener: VPH Dr. Franklin E. Dimick

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Manuals				
2	Guidelines				
3	Special Publication as a Book				
4	Proceedings of the Workshop/Conference				
5	Technical Paper				
6	Technical Note				
7	Policy Brief/Position Paper				
8	Compilation of Database				
9	Non-technical Paper/Article				
Filled by:					
Date:					

**WORKING GROUP ON WATER MANAGEMENT IN WATERS  
STRESSED REGIONS (WG-DROUGHT)**

**Two-Years Work Plan  
(Draft only – PI add/delete/improve as appropriate)**

Activity*	2013	2014
<b>Publications</b>		
<ul style="list-style-type: none"> <li>• Technical Paper/Report – Title, chapters etc</li> </ul>		
<ul style="list-style-type: none"> <li>• Inviting Authors</li> </ul>		
<ul style="list-style-type: none"> <li>• Peer Review</li> </ul>		
<b>Workshops</b>		
<ul style="list-style-type: none"> <li>• Workshop Title, scope etc</li> </ul>		
<ul style="list-style-type: none"> <li>• Workshop Proceedings</li> </ul>		

\*Action plan need to be described for each activity with timeline and responsibility allocation.



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**AGENDA FOR THE 8<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON GLOBAL CLIMATE CHANGE AND  
AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**

**03 October 2013, 11.00-12.30 hours [Session I]**

**03 October 2013, 13.30-15.00 hours [Session II]**

**Mardin, Turkey**

**Strategy Theme: Basin**

**Presented by the Chairman**

**Year of Establishment: 2005**

**Completion of the Mandate: 2014**

**Mandate:** (i) To review the progression of and predictions for Global Climate Change (GCC) and climate variability, (ii) To explore and analyze the medium-term implications of climate change and climate variability for irrigation, drainage, and flood control, (iii) To stimulate discussion and raise awareness of water-related GCC issues within the ICID family, (iv) To stimulate discussion at national scales among scientists, policy makers, and, through the media, the general public on GCC and water, and (v) To join the international dialogue on GCC and water.

**Website:** <<http://wg-climate.icidonline.org/>>

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**WG-CLIMATE Agenda Item 1: Action taken report by Chair**

1. Chairman may like to present a report on the actions taken on the various decisions/ proposals of the WG at its last meeting in Adelaide.

**WG-CLIMATE Agenda Item 2: Review of membership**

2. The current membership of the group and their attendance at last two meetings is given in the **Annex 1**. Nominations which were deferred due to their non-attendance/ participation at Adelaide meeting have once again been confirmed by the National Committees of Nepal and the Netherlands as follows –

- Mr. Dinesh Bhatt (Nepal)
- Ir. C.W.J. Roest (The Netherlands)

3. The following new nominations have been received for the membership of the group –

- Prof. Dr. Choi, Jin-Yong (Korea)
- Engr. Riaz Ahmad Khan (Pakistan)

Based on the CVs of the above nominees and in consultation with the Central Office, Chair recommends that they may be accepted for the membership of the WG, subject to their attending the meeting in Mardin.

4. In accordance with ICID by-law 3.6 which stipulates that members of workbodies not contributing by their attendance/ correspondence for two consecutive years shall be replaced. In view of the above and as per Annex 1, Chair recommends discontinuation of the membership of Dr. Kim Russell (Australia), and Dr. Krishna Kumar Kanikicharla (India).

**WG-CLIMATE Agenda Item 3: Global Framework for Climate Services**

5. The Global Framework for Climate Services (GFCS) established by the UN System under the leadership of the WMO to strengthen and coordinate existing initiatives, and develop a new mechanisms where needed in order to meet the today's challenges as well as those of future. The GFCS implementation structure includes five components viz. (a) User interface Platform, (b) Climate services information system, (c) Observations and monitoring, (d) Research, Modelling and Prediction, and (e) Capacity building. These five components will form the pillars on which the GFCS services will be built up. Focus is placed on the four priority areas i.e. agriculture and food security, disaster risk reduction, health, and water.

6. Chair Dr. Svendsen and Secretary General Avinash Tyagi have been involved in the discussion of the User Interface Platform to provide inputs to the implementation plan particularly for water and agricultural sectors. At Adelaide meeting, it was felt that participation of the NCs in the GFCS at the national level will help stimulate discussion at national scales among scientists, policy makers and the general public. It was proposed to explore the possibility of the WG/ ICID collaboration in the User Interface Platform in the GFCS.

7. With this background, subsequently with the leadership of Secretary General Avinash Tyagi and guidance of President Gao Zhanyi, a MoU between WMO and ICID was signed in July 2013. The MoU is intended to enhance WMO's ability to appropriately make use of outreach, capabilities and expertise of ICID in the areas of flood management, drought management and irrigation management for beneficial use of WMO climatic and disaster risk reduction information and services by the worldwide irrigation and drainage community. The MoU will be implemented through exchange of information; coordination or joint projects; joint research tasks, experiments and trials; provision of technical support services; advice, consultation, joint applications for project funding etc. and will remain in force for coming five years.

8. WG may like to deliberate on the ways and means to participate in the activities of the GFCS within the framework of the above MoU.

#### **WG-CLIMATE Agenda Item 4: WG related events**

##### **WG-CLIMATE Agenda Item 4.1: International Workshop on Management of Water, Crops and Soils under Climate Change**

9. International Workshop on "Management of Water, Crops and Soils under Climate Change" is scheduled to be held during the First World Irrigation Forum (WIF1) on 2 October 2013. The workshop is organized jointly by WG-CROP and WG-CLIMATE. In total, 15 papers and 3 short communications have been received for the workshop. Chair Dr. Svendsen will provide further updates/ outcome of the workshop at the meeting.

##### **WG-CLIMATE Agenda Item 4.2: WMO's side event at Mardin**

10. WMO will organize a side event on "Climate services to optimize irrigation use and improve farmer management in agriculture" at Mardin. The objective of the event is to set out a mechanism to build links between the climate service providers in the region as well as countries and the irrigation managers.

##### **WG-CLIMATE Agenda Item 4.3: 22<sup>nd</sup> International Congress on Irrigation and Drainage, September 2014, Korea**

11. The 22nd International Congress on Irrigation and Drainage will be hosted by the Korean National Committee (KCID) during 14-20 September 2014. The theme of the Congress is "Securing Water for Food and Rural Community under Climate Change". The Question 58 of the Congress deals with "How irrigation and drainage play an important role in climate change adaptation?" while Sub-Question 58.1 is 'Understanding impacts of climate change on land and water use'.

WG may like to deliberate on how to participate and contribute effectively to the Question 58.

#### **WG-CLIMATE Agenda Item 5: Publications of the Working Group**

12. The group has agreed to prepare a technical note on "Adapting Irrigation and Drainage to the Impacts of Climate Change". The note will focus on the various options available to the irrigation and drainage sectors dealing with climate change with emphasis on practical and specific measures that can be undertaken. It was also decided that the WG will organize members and experts to present alternatives on this issue at the meeting. The note will include a roadmap to the topic, along with a number of examples of adaptation activities which have been carried out in member countries. The Chairman will apprise updates.

In order to plan for bringing out the 'technical notes' and its financial planning, the WG Chair is to fill out the **Annex 2** for its submission to the Chair PCTA.

#### **WG-CLIMATE Agenda Item 6: Website of the Working Group**

13. The website of WG-CLIMATE <[http://www.icid.org/wg\\_climate.html](http://www.icid.org/wg_climate.html)> is functional. Members are requested to access the refreshed website and provide their comments/ suggestions along with some relevant documents, links etc. for its posting on the group's website.

**WG-CLIMATE Agenda Item 7: Any other business**

14. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

15. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013.



**WORKING GROUP ON GLOBAL CLIMATE CHANGE AND  
AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**

**Members and their attendance at 2011 and 2012 Meetings**

Sl. No.	Members	Member from (Year)	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Dr. Mark Svendsen, Chairman (USA)	2006		•	•		
2.	Dr. Tsugihiko Watanabe, Vice Chairman (Japan)	2006	•		•		
3.	Dr. Ray Shyan Wu, Secretary (Chinese Taipei)	2009	•		•		
4.	VPH Dr. Karim Shiati (Iran)	2006	•				
5.	Dr. Kim Russell (Australia)	2007					
6.	Dr. Krishna Kumar Kanikicharla (India)	2007					
7.	Prof. Heping Hu (China)	2008	•		•		
8.	Prof. Sue Walker (South Africa)	2009	•		•		
9.	Dr. Roestam Sjarief (Indonesia)	2010	#		•		
10.	Dr. Juan A. Rodriguez-Diaz (Spain)	2010	#				
11.	Mr. Mehmet Sait Tahmiscioglu (Turkey)	2012			•		
12.	Secretary General, ICID				# <sup>1</sup>		
<b>Observers/Permanent observers</b>							
(i)	WMO representative						
(ii)	IWMI Representative						
(iii)	FAO Representative						

<sup>1</sup> Through representation

**PUBLICATIONS OF THE WORKING GROUP**  
**WORKING GROUP ON GLOBAL CLIMATE CHANGE AND**  
**AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**  
 Established: 2005  
 Convener: Dr. Mark Svendsen (USA)

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Manuals				
2	Guidelines				
3	Special Publication as a Book				
4	Proceedings of the Workshop/Conference				
5	Technical Paper				
6	Technical Note				
7	Policy Brief/Position Paper				
8	Compilation of Database				
9	Non-technical Paper/Article				
Filled by:					
Date:					

**AGENDA FOR THE 3<sup>RD</sup> MEETING OF THE  
WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)  
03 October 2013, 11.00-12.30 hours (Session I)  
03 October 2013, 13.30-15.00 hours (Session II)  
Mardin, Turkey**

**Strategy Theme: Basin**

**Presented by the Chairman**

**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.

**Website:** <<http://wg-sdta.icidonline.org>>

**WG-SDTA Agenda Item 1: Action Taken Report by Chair**

1. The Chairman may like to present a report regarding actions taken on the decisions made during the last meeting of the WG at Adelaide (2012).

**WG-SDTA Agenda Item 2: Review of the membership of the Working Group**

2. The existing membership of the Working Group and their attendance at last two meetings is given in the **Annex 1**. The new nomination Dr. Hajime Tanji (Japan) in place of Prof. Dr. Kazuaki Hiramatsu for the membership of the WG has been received from the Japanese National Committee of ICID (JNC-ICID). After reviewing the nomination, the Chair recommends and the WG may endorse the nomination of Dr. Hajime Tanji for the membership of the WG, subject to his attendance in the WG meeting in Mardin. The Working Group acknowledges efforts and contributions of Dr. Hiramatsu to the Working Group as its Secretary since 2011.

3. On the basis of non-attendance, non-participation, no communication with ICID (ICID by-law 3.6) during the last 2 or more consecutive years, Chair recommends discontinuation of memberships of the following members:

- Dipl. Ing. Bernd Probst (Germany) and
- Dr. E.J. James (India)

The WG may endorse the discontinuation of these members from the membership of the WG.

4. Dr. Park Sang Hyun (Korea), Ex-Chairman of WG-SDTA has informed that he will not be attending the meeting due to preoccupation in Indonesia.

**WG-SDTA Agenda Item 3: WG Workshops**

**WG-SDTA Agenda Item 3.1: Internal Workshop on 'Environmental Impacts and Sustainable Management of Tidal Areas' in 2013**

5. An internal workshop titled "*Environmental Impacts and Sustainable Management of Tidal Areas*" will be organized during the WG meeting. The sub-themes of the workshop are : (a) Impacts of climate change on tidal areas: Risk assessment; Adaptive management with consideration of climate change; (b) Flood/Ecosystem management; monitoring, forecasting, impacts, mitigation, strategies and vulnerability assessment; and (c) Stakeholder involvement and integrated management. Eight papers have been received as listed in **Annex 2**.



The Chairman may apprise the members.

**WG-SDTA Agenda Item 3.2: International workshop on ‘Sustainable Management of Tidal Areas in the Era of Climate Change’ in 2014**

6. The WG will be organizing an International Workshop on “*Sustainable Management of Tidal Areas in the Era of Climate Change*” during Korea Congress in 2014. The theme and sub-themes of the workshop are shown in **Annex 3**. The WG needs to finalize the draft announcement, review team, deadlines etc. for the international workshop during this meeting.

The Chairman may apprise the WG members.

**WG-SDTA Agenda Item 4: Short Course to be organized during Korea Congress in 2014**

7. Dr. Park Sang Hyun, Ex-Chairman of WG-SDTA proposed a Short Course to be organized during the Korea Congress in 2014 in addition to International Workshop as above. The draft announcement (theme, schedule, participants/faculty and venue) needs to be discussed and evolved during this meeting. The Group may like to consider organizing Web-Seminar prior to the Short Course, for which facilities can be provided by Central Office. This will help attract the attention of Young Professionals (YPs). April-May timeslot could be considered as possible option.

**WG-SDTA Agenda Item 5: Publications of the Working Group**

**WG-SDTA Agenda Item 5.1: A Special issue of ICID Journal on SDTA in 2013**

8. The WG-SDTA is planning to publish a Special issue of ICID Journal titled “*Sustainable water and land management in Tidal Areas*” in 2013. The Special Issue will contain 12 peer reviewed papers (3 from Taiwan, 3 from Korea; 3 from Japan; 1 from Indonesia and 2 from The Netherlands) edited by the Guest Editors: Dr. Park Sang Hyun, Dr. Shigetaka Taniyama and Dr. Jonathan Simm. The WG expresses its gratitude to Guest Editors, the Editor-in-Chief Prof. Bart Schultz and other reviewers for their hard work in reviewing the papers. Three National Committees (NCs) i.e. Korean National Committee of ICID (KCID), Japanese National Committee of ICID (JNC-ICID) and Chinese Taipei Committee of ICID (CTCID), have separately paid US\$ 5,000 each towards publishing the Special Issue. Special thanks are also due to these NCs as well. The Chairman may apprise the WG members.

**WG-SDTA Agenda Item 5.2: Another Special Issue of ICID Journal on SDTA in 2016 – new theme and topic**

9. The WG is also preparing to publish another Special Issue of ICID Journal on SDTA in 2016. In order to gather some primary thoughts and resources for the new Special Issue, WG is organizing an internal workshop on “*Environmental Impacts and Sustainable Management of Tidal Areas*”. Eight papers have been received and will be presented in the workshop.

The Chairman may apprise the WG members.

**WG-SDTA Agenda Item 6: Work Plan and Future Activities**

10. The working group plans to bring out various possible outputs emerging from the mandate. The activities as listed in **Annex 4** will be completed by organizing internal/ international workshops and short courses. The Group may also like to consider outputs in terms of ‘Technical Notes’ on relevant topic addressing the non-specialist managers and other stakeholders.

**WG-SDTA Agenda Item 7: Four-Year Work Plan**

11. The detailed four-years work plan is given at **Annex 5**. Several changes have been made for the workshops, short courses based on the discussions during the past meetings of the WG. New items like SDTA information platform and visiting member countries for experience exchange may be discussed during this meeting. The two items of Webinar and Technical Note (possible addition under which Technical Note may be considered are highlighted in **Annex 4**) may also be considered by the Group as part of the Work Plan.

The Chairman may apprise further WG members.

**WG-SDTA Agenda Item 8: Any other business**

12. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

13. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013.



**WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)**

**Attendance of members in 2011 and 2012**

Sr. No.	Members	Member From	2011		2012	
			Self	Contributed by mail	Self	Contributed by mail
1.	Dr. Ruey-Chy Kao Chairman (2011) (Chinese Taipei)	2007	•		•	
2.	Ir. Henk P. Ritzema, Vice-Chairman (2009) (The Netherlands)	2002	# <sup>1</sup>		#	
3.	Dr. Kazuaki Hiramatsu, Secretary (2011) (Japan)	2011	•		#	
4.	Dr. (Ms) Hsiao-Weng Wang, (Chinese Taipei) as Young Professional	2010	•		•	
5.	Prof. Budi Santoso Wignyosukarto (Indonesia)	2011	•			
6.	Dr. Park Kiwook (Korea)	2011	•		#	
7.	Engr. Md. Ahasan Ullah (Bangladesh)	2011	•			
8.	Prof. Zhang Zhanyu (China)	2012			•	
9.	Ir. Hj. Nor Hisham bin Mohd Ghazali (Malaysia)	2012			•	
10.	Secretary General, ICID		#		#	
<b>Permanent Observers / Observers</b>						
1.	Dr. Jo Jin Hoon (Korea)		•			
2.	Dr. Daeou Eo (Korea)					
3.	Mr. Robiyanto Hendro Sustano (Indonesia)					
4.	Mr. Harry Denecke (FAO/IPTRID)					

<sup>1</sup> # Through Representation

**LIST OF PAPERS FOR THE INTERNAL WORKSHOP**

<b>Sl. No</b>	<b>Names</b>	<b>Country</b>	<b>Title of the Papers</b>
1.	Ir. Nor Hisham M. Ghazali <i>et al</i>	Malaysia	Impact of Sea Level Rise and Tsunami on Coastal Areas in Northwest Peninsular Malaysia
2.	Mr. Abu Saleh Khan <i>et al</i>	Bangladesh	Redesigning Coastal Polders in Bangladesh considering Sea Level rise and Climate Change
3.	Dr. Hajime Tanji <i>et al</i>	Japan	Recovery of Tsunami affected Tidal Areas in Miyagi Prefecture
4.	Prof. Hsiao-Wen Wang	Chinese Taipei	Opportunities for Enhancing Bird Habitat by Gate Operation at Budai Salt Pond Wetland in Coastal Taiwan
5.	Prof. Henk Ritzema	The Netherlands	Collaborative Research to Improve the Water Management in the Rice Polders in Nickerie, Surinam
6.	Dr. Park Sang-Hyun	Korea	Possibility of the Byeokgolije Dam as a Dike in the Tidal Area
7.	Prof. dr. Bart Schultz	The Netherlands	Impacts of Man-Induced Changes in Land Use and Climate Change on the Sustainable Development of Coastal and Deltaic Areas
8.	Mr. Hung-Kwai Chen	Taiwan	Integrated Flood Control and Land Restoration Planning for Severe Land Subsidence Area in Pingtung

**WORKSHOP DURING 2014 ICID CONGRESS IN KOREA**  
**THEME - SUSTAINABLE MANAGEMENT OF TIDAL AREA IN THE ERA OF CLIMATE CHANGE**  
**DRAFT**

**Background**

There is a pressing need to accelerate efforts to adapt to the impacts of climate change for the management of irrigation and drainage facilities in farming areas. Seawater rise, changes of storm, drought and flood disasters are key issue in the era of climate change in the tidal area. These issue and relative indicators will be essential to derive important tool for evaluating existing and future programs for decision-making and site management in tidal area.

**Sub-themes:**

- Marine and tidal influences such as sea water rise, storm, waves and water temperature
- Terrestrial influences such as flood and drought disaster concerned with precipitation and other meteorological changes.
- Adaptation measures and strengthening of irrigation, drainage and flood prevention facilities
- Environmental conservation to keep water quality and biological diversity
- Soil, water and wetland conservation in tidal and reclamation area
- Institutional management and stakeholders' participation
- Impact and contribution of tidal reclamation work on climate change
- Economic issues of gain and losses from climate changes

KCID will support the printing cost of the proceedings and editing works in cooperation with WG leaders and Central Office. A field technical tour to the tidal reclamation project site for the WG Members during ICID Congress in 2014 will be organized.

The work plan is subject to change, if necessary.

## WORK PLAN AND FUTURE ACTIVITIES

### (a) Sustainable management options for lowlands

- Review and evaluation of existing management systems, operation standards, and mitigation strategies
- Enhancing the food supply for people and the productivity of irrigated and drained area by improving water and land management
- Management of resources and promotion of sustainable production
- Proposing innovative strategies (room for water, rental area, dam removal etc.?) for the sustainable development and management in tidal areas
- Scenario analysis and decision support
- Risk assessment (vulnerability etc.?)
- Sustainability definition and evaluation (PPP)

### (b) Climate change and increasing risks on tidal areas

- Understanding the changing facts, the causes of recent events, etc.
- Redefining the return interval of extreme events
- Using GCMs and changing records to predict for the rising sea level, storm surge, extreme floods, droughts and so on
- Simulating hydrological and ecological consequences under global climate change
- Raising awareness and dialogues to cope with the increasing risk on tidal areas due to global climate change
- Risk management to protect people, property and the environment of tidal areas from natural and man-made hazards
- Working with IPCC and WG-Climate change
- Understanding adaptations worldwide
- Adaptive management to take account of climate change, population growth, food issues, and other long-term changes and uncertainties

### (c) Survey – past design and management systems, operational standards and rehabilitation methods

- Review and evaluation of the existing design and management systems, operational standards, and rehabilitation methods
- Appraisal using methods that are rigorous, coherent and transparent and consider social, environmental and economic costs and benefits
- Establishing standard operation protocols
- Enhancing survey techniques and monitoring programs
- Database establishment
- Improving the productivity of irrigate and drained lands through appropriate application of irrigation, drainage, and flood management technique
- Exchange of knowledge, skills, and technique to promote sustainable approaches

### (d) Review the progression of natural wetland conservation and constructed wetland development in tidal areas

- Understanding the current state and underlying problems of natural wetlands
- Understanding the current state of constructed wetlands and learn from the failure or unexpected cases
- Considering indicator species vs. ecosystem as a whole
- Habitat conservation and restoration

**Annex 4 [Appendix XXIII, Item 6]**

- Evaluating wetland compensation
  - Ecosystem services
  - Environmental enhancement and stewardship of natural resources
  - Providing wildlife-oriented public access and recreation
- (e) Organize international dialogue / conferences to promote land and water management in tidal areas**
- Holistic engagement with social, economic and environmental issues
  - Involvement of stakeholders
  - Providing relevant experiences including productivity, ecological conservation and disaster prevention to assist island, developing, and least developed countries for the sustainable development and management of irrigation and drainage activities in tidal areas
  - Workshops
  - Short Courses
  - Webinar
  - Collaborating with other related working groups actively
  - Providing a transparent platform for public
- (f) Co-operate / co-organize events with other related Working Groups - WG-DRG, WG-Climate and WG-ENV**



**WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)**  
**Four Years Work Plan**

Activity	2013	2014	2015	2016
<b><i>Publication of Special Issue</i></b>				
• Announcement (Guidelines)	✓	✓		
• Inviting Authors	✓	✓	✓	
• Study and Writing		✓	✓	
• Publication of the Special Issue				✓
• Dissemination of the Special Issue				✓
<b><i>Workshop</i></b>				
• Deciding subject of the workshops	✓	✓	✓	
• Dissemination		✓		
<b><i>Short Courses</i></b>				
• Deciding subject of the short course	✓			
• Deciding topic to organizer of each course	✓	✓		
• Preparation	✓	✓		
• Dissemination	✓	✓	✓	✓
<b><i>Inviting New Members</i></b>	✓	✓	✓	✓
<b><i>SDTA Information Platform</i></b>	✓	✓	✓	✓
<b><i>Visiting member counties (experience exchange and discussion)</i></b>	(to be discussed)			

**AGENDA FOR THE 22<sup>ND</sup> MEETING OF THE  
COMMITTEE ON PUBLIC RELATIONS AND PUBLICATIONS (C-PR&P)  
03 October 2013, 11.00-12.30 hours [Session I]  
03 October 2013, 13.30-15.00 hours [Session II]  
Mardin, Turkey**

**Strategy Theme: Knowledge  
Presented by the Chairman**

**Year of Establishment: 1992**

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**Mandate:** (i) To describe the economic, social and environmental aspects of water resources projects which help provide food and fibre to mankind through irrigation; to identify the audiences and their interests, and suggest the appropriate type of communication and who should carry it out; to encourage National Committees to adopt a proactive role in communicating the role of water resources projects in serving mankind; and to encourage the use of communications specialists to ensure that the ICID public relations effort is effective, (ii) General management tasks - Development of concept of ICID publication series; set procedure for approval of publications; identification of (inter) national publishers and setting up of cooperative arrangements; marketing and pricing; and cooperation with publishers and National Committees for sale of publications, (iii) Editorial management tasks - Monitoring of and liaison with authors and editors on proposed and approved manuscripts; classification of proposed manuscripts for the relevant ICID services; calculation of prices and costs; fixing number of copies of books; public relations for publications, recommendations on subsequent publications of ICID.

**Website:** <http://c-prp.icidonline.org/>

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**C-PR&P Agenda Item 1: Action taken report by Chair**

1. Chairman may like to present a report regarding actions taken on the decisions taken by the Committee at its last meeting held in Adelaide.

**C-PR&P Agenda Item 2: Membership of the Committee**

2. The existing membership of the group and their attendance at last two meetings is given in the **Annex 1**. WAPCOS (India) Limited which has joined ICID as 'Direct Member' under 'Institution' category has nominated Mr. C.P. Arora (India) for the membership of the Committee. The Indian National Committee on Surface Water (INCSW) has nominated Mr. R.K. Gupta for the membership of the Committee. In view of the provision in ICID By-law 3.6 for the Direct Members and based on the CV of the above nominee, Chair recommends that Mr. Arora and Mr. Gupta may be accepted for the membership of the Committee, subject to their attending the meeting in Mardin.

3. In accordance with the ICID By-law 3.6 which stipulates that members of workbodies not contributing by their attendance/ correspondence for two consecutive years shall be replaced. In view of the above and as per **Annex 1**, Chair recommends discontinuation of membership of Mr. A.K. Ganju (India).

**C-PR&P Agenda Item 3: Publications brought out and under processing during the period 2012-13**

**C-PR&P Agenda Item 3.1: Periodicals**

4. During the year, fifty two issues of ICID e-Bulletin, 12 issues of News Update, and 4 issues of ICID News were brought out by the Central Office. Recently, a new feature "Know your National Committee" has been introduced in the News Update. The e-Bulletin and News Update are published electronically while ICID News is published both electronically and as print version. All the past issues of these periodicals are available on ICID website.

5. Annual Report 2012-13 has been brought out by the Central Office and is posted on ICID website. The print copies of the report were sent to all the National Committees, Office Bearers, and international organizations.

6. Latest issues of News Update, ICID News and Annual Report are also made available through ISSUU, and 'Facebook' page of ICID.

**C-PR&P Agenda Item 3.2: Publications under processing**

7. The following ICID publications are under processing:

- 'Inter-basin Water Transfer: Global Experiences – Analyses and recommendations' (by erstwhile TF- IBWT). Pres. Hon. Prof. Bart Schultz, Chairman of the erstwhile TF was to finalize the document. However, there is no feedback from Prof Schultz as yet.
- The WG-IADWS publication "*Irrigation under Drought and Water Scarcity*" is being revised by the Central Office and a draft document will be tabled at the WG-DROUGHT meeting for comments/suggestions by members.
- Working Group on Drainage (WG-DRG) is compiling a DVD on "Thesaurus of Agricultural Drainage" as a contribution of the WG to the WIF1. The DVD will be released during the First World Irrigation Forum (WIF1) at Mardin. The DVD includes proceedings of all past International Drainage Workshops (IDWs), ICID publications related to drainage, special workshops, special issue on drainage of the ICID Journal, select publications of the World Bank, ILRI, FAO, etc. Dr. W. F. Vlotman or Central Office representative will apprise further at the meeting.

**C-PR&P Agenda Item 3.3: Publications by National Committees**

8. Publications brought out by some National Committees and as informed to the Central Office are shown in **Annex 2**. All NCs are encouraged to inform about their publications to the Central Office for wider publicity.

**C-PR&P Agenda Item 4: Sale of publications/Congress Transactions during the period 2012-13**

**C-PR&P Agenda Item 4.1: Sale of Publications**

9. During the financial year (1 April 2012 to 31 March 2013) in all 68 copies of special publications were sold, while 352 copies were distributed as complimentary to NCs, workbody members and Office Bearers. A statement showing the sale of special publications during the period is shown as **Annex 3**.

**C-PR&P Agenda Item 4.2: Sale of Congress Transactions**

10. In view of the fact that very few copies of the Congress transactions of the past two congresses (2012 and 2009) were sold after the Congress, the Committee had recommended that a revised procedure for pricing Congress Transactions be adopted to reduce the price. Committee suggested that the price might include only the cost of preparing and shipping the Transactions. Central Office will put up a proposal in this regard at the meeting.

**C-PR&P Agenda Item 4.3: Policy for sale of ICID publications**

11. At Adelaide, the Committee recommended that most publications older than three years should be offered at no charge and asked Central Office to explore "Print on Demand" for future publications. The 'Print on Demand', publications are printed only when ordered.

12. Recently, Central Office got digitized all available past ICID publications and the digitized versions older than three years will be available on ICID website for free download for members (also see item 7).

13. As regards the print on demand option, Central Office has enquired with the printers in New Delhi and it was learnt that this option is economical for printing of limited copies (less than 100) of a document. However, the quality of printing is inferior as compared to that of bulk (offset printing). Nevertheless, the CO will keep in view the 'Print on Demand' option for forthcoming publications, as required.

**C-PR&P Agenda Item 5: Report on ICID Journal**

14. During the year 2012, five issues of the Journal were published. After the Adelaide meeting, one more sponsored special issue "Rainwater harvesting and conservation techniques for improving household food security" was published. In 2013, of the planned three special issues, one based on selected papers from Tehran Congress was published as Volume 62.3 while two sponsored issues viz. "Sustainable water and land management in tidal areas", and "Soil, water and vegetation monitoring and modeling" will be published later.

Prof. Bart Schultz will appraise further updates at the meeting.

**C-PR&P Agenda Item 6: Review of ICID website**

15. In order to economize the hosting charges and better management of e-mails, Central Office has shifted its web server to Yahoo in January 2013. Earlier the web hosting was on a Java server, due to hosting of the Text Deliver Service (TDS) software. Now the TDS facilities and much more is available on the newly started 'Integrated Library Management System (ILMS)'.

16. The ICID website was revamped to meet the requirements of not only of our members but the public at large and to make it more user-friendly. Besides new design and layout, many new features have been introduced such as – Resources. Members only login section, ICID YouTube channel, slide share account, advertisers catalogue, etc. **Annex 4** provides further details about the contents of the website. On an average 18,500 hits per month hits are recorded on the website. Central Office representative will demonstrate the website online at the meeting.

Committee may like to suggest further improvement in the website.

**C-PR&P Agenda Item 7: Digitization of ICID publications**

17. ICID Central Office has taken up digitization of available ICID publications and documents from the year 1950 onwards. These documents include - all special publications, Congress transactions, technical reports, ICID Bulletin, Annual Reports, Agenda, Minutes, etc. So far 473 publications/ documents comprising 118,576 pages have been digitized. All the digitized documents are now available at Central Office in searchable PDF format. Central Office is in the process of placing all digitized special publications in the 'Members only' section for free download.

18. ICID Central Office has made agreement with M/s De Books, New Delhi for digitizing all the recent publications (between 2000 to 2012) free of cost and making those available to online users ([http://www.icid.org/diva\\_epub\\_icid.html](http://www.icid.org/diva_epub_icid.html)). Visitors can also subscribe to these online e-publications by paying nominal charges. The objective of the outsourcing is to provide this facility to ICID members for free. Central Office representative will apprise further at the meeting.

**C-PR&P Agenda Item 8: Establishment of websites by Workbodies**

19. Presently, 20 workbody websites are operational through ICIDONLINE.ORG domain name. The WG-ENV and WG-DRG websites can also be accessed through LinkedIn group.

**C-PR&P Agenda Item 9: Publicizing outcome of ICID workbodies**

20. At Adelaide, the Committee supported that each workbody should bring out Manuals, Guidelines, Special Publication as a Book, Proceedings of the Workshop/Conference, Technical Paper, Technical Note, Policy Brief/Position Paper, Compilation of Database, Non-technical Paper/Article etc. as their outcome from time to time. WG should spell out the scope, target audience, collaborators and dissemination strategy, and timeline for completion of the task. This item has been included in agenda of the workbodies commencing from the current year.

**C-PR&P Agenda Item 10: Any other business**

21. ICID By-Law (6) provides the provisions for bringing out 'Regular Publications', 'Special Publications', supply of complimentary copies, and fixing of sale price of all ICID publications. PCTA at its Adelaide meeting has suggested that each workbody needs to identify the publication(s) that it plans to bring out and include in its work plan indicating financial arrangement for their publication. In order to streamline publication format and guide the WGs while formulating their work plans, the PCTA has developed a format indicating categories of publications with the target audience/ objectives along with their approving procedures. It was also highlighted that .the key challenges in bringing out workbody publications are lack of incentive for the authors to contribute, long delays in finalization of the publications after they have been compiled, and uncertainty regarding the publication of the output. The Committee may like to form a team to prepare a comprehensive publication policy towards bringing out workbody outputs.

22. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with

their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

23. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the Committee report to PCTA meeting on 04 October 2013.

**COMMITTEE ON PUBLIC RELATIONS AND PUBLICATIONS (C-PR&P)**

**Members and their attendance at 2011 and 2012 meetings**

Sl. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Larry D. Stephens, Chairman (USA)	1992	•		•		
2.	PH Peter S. Lee (UK)	1993	•		•		
3.	PH Bart Schultz (The Netherlands)	2009			•		
4.	Ms. Anne Currey (Australia)	1998	#		#		
5.	Mr. A. K. Ganju (India)	2009					
6.	Dr. Yingduo Yu (China)	2012			•		
7.	Secretary General, ICID		#		#		
<b>Ex-officio Member</b>							
	Mr. Satit Maneepai (Thailand)						

**COMMITTEE ON PUBLIC RELATIONS AND PUBLICATIONS (C-PR&P)**

**Publications by National Committees**

**A. BOOKS/ PROCEEDINGS**

**ENCID, Egypt**

Egyptian National Committee on Irrigation and Drainage (ENCID), 2012, Agricultural Drainage Needs and Future Priorities, Proceedings of the 11<sup>th</sup> ICID International Drainage Workshop, 23-27 September 2012, Cairo, Egypt (CD-ROM)

**INCSW, India**

Sahu, G.C. and Das, G.N., 2012, "Hirakud: Its Background and Performance", Indian National Committee on Irrigation and Drainage, New Delhi

**INACID, Indonesia**

Gany, A.H. A., 2012, "Irrigation Tunneling in Ancient Indonesia", Indonesian National Committee on Irrigation and Drainage, Indonesia

**IRNCID, Iran**

1. Pazira Ebrahim, 2012, "Conservation of Physical Resources for Agricultural Production -Soil and Water", Iranian National Committee on Irrigation and Drainage, No. 150, 268 pages.
2. Abbasi Fariborz, 2012, "Principles of Flow in Surface Irrigation", Agricultural Engineering Research Institute, and Iranian National Committee on Irrigation and Drainage, No. 152, 232 pages.

**B. NEWS LETTERS**

1. British National Committee of ICID (ICID.UK), 2012, News & Views, summer issue, No. 53
2. Bangladesh National Committee on Irrigation and Drainage, Annual Newsletter, 2012

**C. PERIODICALS**

1. Korean National Committee on Irrigation and Drainage, 2012, KCID Magazines, Vol. 49, No. 3, and Vol. 50, No. 9
2. Korean National Committee on Irrigation and Drainage, 2012, KCID Journal, Vol. 19, No. 1 and 2

**COMMITTEE ON PUBLIC RELATIONS AND PUBLICATIONS (C-PR&P)**  
**Sale of ICID publications in 2012-13 and previous years**

Sl. No.	Publications	Year of publishing	Copies printed	Upto 31.03.2012		01.04.2012 to 31.03.2013		Balance as on 31.03.13
				Free copies to NCs/ Members/ ICID events	Sale	Free copies to NCs/ WB Members/ ICID events	Sale	
1.	Climate Change Adaptation for Irrigation and Drainage in Asia	2012	400	-	-	338	1	61
2.	Towards sustainable development of tidal areas – Principles and experiences	2011	500	142	20	-	4	334
3.	CD-ROM version of Multilingual Technical Dictionary (MTD)	2010	500	89	22	1	4	384
4.	Water saving in agriculture	2008	500	199	85	1	1	214
5.	Manual for performance evaluation of sprinkler and drip irrigation systems in different agro-climatic regions of the world	2008	500	142	74	2	1	281
6.	Micro irrigation in arid and semi-arid regions	2006	500	150	85	2	2	261
7.	Planning and designing of micro-irrigation in humid regions	2005	500	114	123	2	1	260
8.	Manual on planning of structural approaches to flood management	2005	500	104	59	-	-	337
9.	Application of geosynthetics in irrigation and drainage projects	2004	500	128	104	-	53	215
10.	The Indus basin – History of irrigation, drainage and flood management	2004	500	143	55	3	1	298
11.	Danube Valley – History of irrigation, drainage and flood control	2004	392	143	27	3	-	219
12.	Historical Dams	2001	600	176	170	-	-	254



**COMMITTEE ON PUBLIC RELATIONS AND PUBLICATIONS (C-PR&P)**

**Key Features of ICID Website (www.icid.org)**

1. **Themes** – Irrigation, Drainage, Flood Management, Climate Change and Irrigation Systems, and Drought Management. Under each thematic area a number of topics have been introduced as an initial process.
2. **Resources** – Provides links to open source tools available in irrigation and drainage sector i.e. Basin-wide Holistic Integrated Water Management (BHIWA) Model; PODIUM - The policy dialogue model; Multilingual Technical Dictionary (MTD); Water Evaluation And Planning (WEAP); SALTMED Model etc.; Training opportunities; Vacancies; and Text Delivery Service (TDS).

All the contents are re-written to meet the new requirements and also introduced pull down navigation system.

3. **Online Google maps** showing ICID National Committees, and Venues of past ICID Congresses.
4. **News from National Committees** highlights changes and news received from National Committees.
5. **Meet our National Committee** highlights the profile of Chairman/ President of the National Committee.
6. **Language translation** feature and search field introduced on all pages
7. **Members only section** for Office Bearers, National Committee members and workbody members. A "Members Login" button is also placed on the Home Page for easy access. The e-mail address recorded in ICID Central Office is treated as user name and Members were informed to retrieve their Password by selecting "Forgot Password" option placed on the login menu. A list of members included in this section is also circulated to National Committees for further additions. Only registered national committee members can access these exclusive pages.
8. **Integrated Library Management System (ILMS):** Besides earlier online database of (1) Books and (2) Articles, the new facility includes additional database of CD-ROMs, Journals, Maps, Video / DVDs etc. The entire ICID Technical Library Catalogue is also available in electronic format for online searching through keywords, author, and title etc. National Committees will be provided a separate username and password to enable collection of various resources available at their end irrespective of their location. Users of ILMS will get search results entered through various remote national committee levels with their location identity.
9. **ICID News, News Updates, and Annual Reports** are now also available through ISSUU (one of biggest publishing networks to display publications online) in a digital reader.

**AGENDA FOR THE 28<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON COMPREHENSIVE APPROACHES TO  
FLOOD MANAGEMENT (WG-CAFM)**

**03 October 2013, 11.00-12.30 hours (Session I)**

**03 October 2013, 13.30-15.00 hours (Session II)**

**Mardin, Turkey**

**Strategy Theme: Basin**

**Presented by the Chairman**

**Year of Establishment: 1999**

**Completion of the Mandate: 2015**

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**Mandate (New):** To identify and disseminate various structural and non-structural measures of flood management, and to study the social, political and economic aspects of flood mitigation measures, ecologically sound development, international cooperation, as well as people's participation in disaster preparedness. The objective is to help the planners, managers and designers setting up holistic, integrated and adaptive flood management schemes in view of uncertainties resulted from the climate and hydro systems changes.

**Website :** <<http://wg-cafm.icidonline.org>>

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**WG-CAFM Agenda Item 1: Action Taken Report by Chair**

1. The Chair may like to present a report regarding actions taken on the decisions made during the last meeting of the WG at Adelaide (2012).

**WG-CAFM Agenda Item 2: Review of the membership of the Working Group**

2. The existing membership of the Working Group and their attendance at last two meetings is given in the **Annex 1**. The new nomination Mr. R.K. Agarwal (India) for the membership of the WG has been received from the WAPCOS (India) Ltd. which has joined ICID as "Direct Member" under 'Institution' Category. After reviewing the nomination, the Chair recommends and the WG may endorse the nomination of Mr. R.K. Agarwal for membership of the WG, subject to his attendance in the WG meeting in Mardin.

3. The existing membership of the Working Group and their attendance at last two meetings is given in the on the basis of non-attendance, non-participation, no communication with ICID (ICID by-law 3.6) during the last 2 or more consecutive years, Chair recommends discontinuation of membership of Mr. Jin Soon Kim (Korea) which WG may endorse.

**WG-CAFM Agenda Item 3: Presentations on Floods (Country Case Studies)**

4. 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. Turkish National Committee of ICID (TUCID) this year. Accordingly, Mr. Ahmet Seren and Ms. Aysen Pervin Gungor (Turkey) will make their presentation on 'Recent Floods in Turkey' during the WG meeting in Mardin.

5. To enrich the proceedings of the WG, the Chairman invited representatives from Canada, Germany, Hungary, India, Nepal and USA for preparing a 'Technical Note' on the 'Recent floods' in their countries and present it during the meeting of WG-CAFM at Mardin. In response, Prof. Dr. Klaus Rottcher (Germany) and Mr. Maurice Roos (USA) have consented to make their country presentations during the meeting.

**WG-CAFM Agenda Item 4: Publications of the Working Group**

**WG-SDTA Agenda Item 4.1: WG publication on 'Adaptive Flood Risk Management'**

6. The WG plans to publish a document titled "*Adaptive Flood Risk Management*" based on workshop papers and country presentations on floods as listed in **Annex 2**. The document aims at helping the planners, managers and designers, setting up holistic, integrated and adaptive flood management schemes in view of uncertainties resulting from the climate and hydro systems changes.

7. Prof. Klaus Rottcher (Germany) has developed a draft framework (**Annex 3**) for the WG document. The members may discuss and endorse the draft framework. The Chair may allocate chapter wise responsibilities to members together with strict timeline to complete the task assigned. The Chair may fill out **Annex 4** defining further the scope, target audience and timeframe for the WG document.

**WG-CAFM Agenda Item 5: Three-Year Work Plan**

8. In order to complete the mandate and focus on specific activity, a work plan is necessary. The PCTA will monitor progress against this plan at each Council meeting. The members may evolve a 3-year work plan which may include activities such as workshops, publications etc., with time frame; and responsibility allocation, as per the format in **Annex 5**. The Chairman may present the 3-year work plan to PCTA.

**WG-CAFM Agenda Item 6: Any other business**

9. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

10. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013.

**WORKING GROUP ON COMPREHENSIVE APPROACHES  
TO FLOOD MANAGEMENT (WG-CAFM)**

**Attendance of members at 2011 and 2012 meetings**

Sl. No.	Members	Member from	2011		2012	
			Self	Contributed by mail	Self	Contributed by mail
1.	Dr. Kamran Emami (Iran), Chairman, 2010	1999	•		•	
2.	Prof. Dr.-Ing. Klaus Rottcher (Germany), Vice Chair (2012)	2011	•		•	
3.	Dr. Takao Masumoto, Secretary (Japan)	2009	•		•	
4.	Mr. Jin Soon Kim (Korea)	2000				
5.	Mr. Maurice Roos (USA)	2006	•		•	
6.	Mr. Ahmet Seren (Turkey), Young Professional	2006	•		•	
7.	Dr. G.S. Purba (India)	2009	# <sup>1</sup>			
8.	Mr. Olli-Matti Verta (Finland)	2011	•		•	
9.	Mr. Marcel Marchand (The Netherlands)	2011			•	
10.	Mr. Arthon Suttigam (Thailand)	2012	•		•	
11.	Ms. Aysen Pervin Gungor (Turkey)	2012			•	
12.	Dr. Herman Booyesen (South Africa)	2012			•	
13.	Secretary General, ICID		#		#	
<b>Permanent Observers</b>						
1.	FAO representative					
2.	UNDRO representative					
3.	WMO representative.					
4.	World Bank representative					

<sup>1</sup> # Through representation

**LIST OF PAPERS / PRESENTATIONS MADE DURING WG WORKSHOPS**

<b>Sr. No.</b>	<b>Names</b>	<b>Country</b>	<b>Title of the Submission</b>	<b>Year</b>
1	Dr. Shahid Ahmad	Pakistan	Floods 2010	2010
2	Dr. Takao Masumoto	Japan	The Great East Japan Earthquake and Tsunami	2011
3	Dr. Kamran Emamai	Iran	The Iranian New Criteria for Selections of Design Floods	2011
4	Mr. J. Vatanfada	Iran	Flood Management in Iran (Country Paper)	2011
5	Dr. Kamran Emami	Iran	Adaptive Flood Management	2011
6	Dr. Herman Booyesen	South Africa	Mapping flood vulnerability of the agricultural sector in the Northern Cape Province, South Africa	2012
7	VP Chaiwat Prechawit	Thailand	The Great 2011 Thailand Flood: A Big Lesson Learned	2012
8	Mr. Neil McBeath	Australia	Lower Loddon Irrigators Recovery Package – Increasing the Resilience of Farming Communities on The floodplain	2012
9	VP Tai Cheol Kim	Korea	Infrastructure of Irrigation, drainage, and flood control adapted to climate change : Actions for Solution experienced in the Republic of Korea	2012
10	Mr. Maurice Roos	USA	FloodSAFE, an Ambitious Program to Upgrade Flood Protection in the Central Valley of California	2012
11	Dr. Marcel Marchand	The Netherlands	Adaptive Flood Management in the Netherlands	2012
12	Dr. Takao Masumoto	Japan	Adaptive Disaster Management Using Flood Prevention Functions of Paddies and Irrigation / Drainage Facilities in Monsoon Asia	2012
13	Dr. Kamran Emami	Iran	Adaptive Flood Management	2012
14	Mr. Ahmet Seren	Turkey	The Course of Flood Management Activities in Turkey	2012

**FORMAT OF CASE STUDIES FOR THE WG- CAFM BOOK  
DRAFT FRAMEWORK FOR “ADAPTIVE FLOOD RISK MANAGEMENT”**

**Contents**

**Preface**

**Forward**

**Executive Summary**

**Introduction**

**Country Case Study 1 Description of the flood risk management plan or the structure**

**Country Case Study 2 Description of the flood risk management plan or the structure**

**Country Case Study 3 Description of the flood risk management plan or the structure**

**Synthesis**

**Summary / Conclusion**

**References**

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Each case study / example should be no longer than 6 pages of pure text. Graphs, pictures and maps will be additional to this text. The editors will review and choose the case studies as appropriate.

In your case study, please figure out clearly as to what was the adaptive element and how your case study could be adapted e.g. to climate change, changing conditions, reduction of resources and so on. Only a description of a major flood is not sufficient. This often will be the starting point to develop a flood risk management plan and this could be adaptive. A brand new flood action plan could be adaptive but not proven so far. Older action plans could be very interesting to see how adaptive they are under changing conditions. Please be aware that in some cases the politicians like adaptation (and also non-structural measures) only because this means that they could reduce the financial budget for implementation. So let us know what happens when the plan is adapted with the protection level and the efficiency.

In the book chapters “Introduction” and “Conclusion” we will clearly define the understanding of adaption in the context of flood risk management and we will figure out what we could learn from the case studies for our work or for future projects. Adaptation could mean structural or non-structural adaption and would like to have case studies on both aspects.

Every case study should have:

- Introduction (~1 page text)

The introduction should focus on the region, climate, topography, water (rainfall, evaporation e.g.as a graph over an average year), soil (if it is important, may be for infiltration), topography (concentration of the run off), land use, rural and urban areas, population, structure of administration (who is responsible for what), laws. These things are often necessary for understanding the solutions, especially for an international audience who are not familiar with the region.

Give the reader an idea of the typical or critical type of flood (e.g. flash floods, tidal foods, seasonal floods) in this region. If you focus on one special flood, please say something about return period, lag time, catchment size and major damages. Remember that flood risk is the product from damage and return period - so short and long return periods could be interesting and this could be also a part of adaptation.

- Description of the flood risk management plan or the structure (~ 5 pages text)

**Annex 3** [Appendix XXV, Item 4.1]

General overview and important details of your adaptive flood action plan or your adaptive flood measure. The main and secondary objectives, construction, operation and management, the combination of structural and non-structural elements should be discussed:

- When the plan /measure were implemented?
- Are there major changes / adoptions during the lifetime?
- Were the plan /structure tested by a flood after implementation?
- What are adaptive Elements (adaptive in place, time, return periods, budget)? What do the adaptations mean for flood protection level?
- How was the plan /structure developed, by the state, by consultants with public participation?
- How were protection levels agreed?
- Who decides about the adaptation (how and when)(will there be a clear procedure)?
- For what other regions /situations this plan /structure could be transferred – what are the limitations (General ideas could be used everywhere or very specific and fit only to your place)?
- What can we learn from this plan/ structure?

Conclusion: (on 1 page text)

**Note:** Due to the different limitations, this description of case studies will be relatively short. But if more material about the case study in English (and may be in your language) is available in digital (electronic) format and if there is no copyright issue, we can discuss to add this material as an annex on the CD, and if later the book will be printed as an additional CD in the book.

**PUBLICATIONS OF THE WORKBODIES**  
**(DRAFT ONLY – PL ADD/DELETE/IMPROVE AS APPROPRIATE)**  
**WORKING GROUP ON COMPREHENSIVE APPROACHES TO FLOOD MANAGEMENT (WG-CAFM)**  
**Established: 1999**  
**Chairman: Dr. Kamran Emami (Iran)**

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Proceedings of the Workshop/Conference				
2	Adaptive Flood Risk Management				
Filled by:					
Date:					

**WORKING GROUP ON COMPREHENSIVE APPROACHES TO FLOOD MANAGEMENT (WG-CAFM)**  
**Three-Years Work Plan**  
**(Draft only – PI add/delete/improve as appropriate)**

Activity*	2013	2014	2015
<b>Publications</b>			
• 'Adaptive Flood Risk Management' – Title, chapters etc			
• Inviting Authors			
• Peer Review			
<b>Workshops</b>			
• Workshop Title, scope etc			
• Workshop Proceedings			
<b>Others</b>			
• WG workshops			
• Cooperation with international bodies			
• Data Bank on films and documentaries on floods			

\*Action plan need to be described for each activity with timeline and responsibility allocation.



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**AGENDA FOR THE 5<sup>TH</sup> MEETING OF THE  
WORKING GROUP ON ENVIRONMENT (WG-ENV)  
03 October 2013, 11.00-12.30 hours [Session I]  
03 October 2013, 13.30-15.00 hours [Session II]  
Mardin, Turkey  
*Strategy Theme: Basin*  
Presented by the Chairman**

**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.

**Website:** <<http://wg-env.icidonline.org/>>

**WG-ENV Agenda Item 1: Action taken report by Chair**

1. Chairman may like to present a report regarding actions taken on the decisions taken by the WG at its last meeting held in Adelaide (2012).

**WG-ENV Agenda Item 2: Membership of the Working Group**

2. The existing membership of the group and their attendance at last two meetings is given in the **Annex 1**. New nominations have been received from the National Committees for the membership of the group as below –

- Engr. Syed Mansoob Ali Zaidi (Pakistan) in place of Dr. Illahi B. Shaikh
- Mr. W.M. Temburney (India) in place of Mr. C.K. Agrawal
- Mr. Santosh Kaini (Nepal) – re-nominated

3. WAPCOS (India) Limited which has joined ICID as 'Direct Member' under 'Institution' category has nominated Dr. Aman Sharma (India) for the membership of the WG.

Based on the CVs of the above nominees, Chair recommends and members may endorse above nominations for the membership of the WG, subject to their attending the WG meeting in Mardin.

**WG-ENV Agenda Item 3: Agricultural return flow and requirement of environmental flow**

4. "*Improvement of agricultural return flow and requirement of environmental flow*" was recognized as an important topic during Adelaide (2012) meeting. In order to keep the members abreast, Mr. Osmo Purhonen (Finland) circulated three documents viz. (a) Environmental flow in the EU, (b) Analysis of the implementation of environmental flows in the wider context of the river basin management plans, and (c) A blueprint to safeguard Europe's water resources, to all members for their information and comments.

5. Mr. Purhonen (Finland) together with Mr. Ballard (Australia) and Chair may sum up recent literature on the subject, take stock of concepts and advances on EF and EFR in connection with irrigation and drainage systems.

**WG-ENV Agenda Item 4: Environmental aspects of irrigation and drainage projects; Management of a sustainable environment (maximizing positive and minimizing adverse effects of irrigation and drainage systems)**

6. At Adelaide (2012), the group noted that Chair, Vice-Chair and Secretary are currently using Life Cycle approaches applied to paddy (rice), cotton and sugarcane productions respectively in Thailand, Japan, Pakistan and South Africa. The Chair proposed the development of general guidelines tentatively entitled '*Environmental Assessment of Irrigation and Drainage Systems with LCA: Principles and Case Studies*' as an outcome of the

WG-ENV by Korea Congress in September 2014. Chair, Co-Chair and Secretary have formed working team to work on the draft document on LCA as a methodology to address the focus area.

7. In order to bring out the above publication successfully, the Chair, in consultation with members, needs to fill out **Annex 2** for its submission to the Chair PCTA, defining the scope, audience and responsibility allocation together with timeline.

The Chair may present the draft document (including draft outline, initial contents etc.) to the members.

**WG-ENV Agenda Item 5: Irrigation and Drainage for the environmental sustainability (Sub-theme 3.3 of WIF1)**

8. The workshop emerging from WG-ENV has been accommodated under Sub-theme 3.3 *“Irrigation and Drainage for the environmental sustainability”* of First World Irrigation Forum (WIF1) at Mardin. Full papers received under sub-theme 3.3 could be used as source material for the publications of the WG.

Chair may also discuss ways to use the source material for the WG publications.

**WG-ENV Agenda Item 6: Three-year work plan**

9. In order to complete the mandate and focus on specific activity, a work plan is necessary. The PCTA will monitor progress against this plan at each Council meeting. The members may evolve a 2-year work plan (since the year of Completion of the Mandate is 2014) which may include activities such as publications, workshops etc., with time frame; and responsibility allocation, as per the draft format in **Annex 3**. The Chairman may present the 2-year work plan to PCTA.

**WG-ENV Agenda Item 6.1: Website of WG-ENV**

10. The website of WG-ENV <[http://www.icid.org/wg\\_env.html](http://www.icid.org/wg_env.html)> is functional. Members are requested to access the refreshed website and provide their comments/ suggestions along with some relevant documents, links etc. for its posting on the group’s website. Secretary may apprise the members.

**WG-ENV Agenda Item 7: Any other business**

11. In order for the WGs and TFs to undertake exchange of information, organize discussions, hold consultation either with the whole group or a sub-group of members to carry out activities related to their mandates beyond the IEC face to face meetings, Central Office has made available facilities for Web based video-conferencing or audio / tele – conference. These newly introduced online features, without any cost to the participants can be explored by members to organize intermediate workbody meetings, conducting remote training programs, presentations, and introducing new products and technologies etc through Webinars. Members can contact Central Office with their requirement in terms of date and time and participants list to enable us to book the meeting slots and facilitate the conferences. More information on these facilities is available at [http://www.icid.org/co\\_whatsnew.html](http://www.icid.org/co_whatsnew.html)

12. Chair of the WG may like to plan such meetings in advance in consultation with other members present during the Mardin meetings and submit their request to Central Office Staff. This arrangement will also provide opportunity to contribute to the work of the WG to those members who are unable to attend face to face meetings. WG may like to take decision on the matter.

**Notes for Chairperson:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mardin after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 04 October 2013.

**WORKING GROUP ON ENVIRONMENT (WG-ENV)**  
**Attendance of Members at 2011 and 2012 Meetings**

SI. No.	Members	Member from	2011		2012		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Dr. Sylvain Perret, Chairman, 2011 (France)	2010	•		•		
2.	Prof. N. Hatcho, Vice Chairman, 2011 (Japan)	2008	•		•		
3.	Dr. Michael van der Laan, Secretary (South Africa)	2010	•				
4.	Dr. Hu Heping (China)	2008	•				
5.	Prof. Yih-Chi Tan (Chinese Taipei)	2008	# <sup>1</sup>		#		
6.	Dr. (Mrs.) Shaden Abdel-Gawad (Egypt)	2008	•				
7.	Mr. Mohammad Kazem Siahi (Iran)	2008	•		#		
8.	Mr. Osmo Antero Purhonen (Finland)	2008	•		•		
9.	Dr. Choi, Joong-Dae (Korea)	2008	•		•		
10.	VPH. Dr. Jose A. Ortiz Fdz.-Urrutia (Spain)	2008	•				
11.	VPH Dr. Illahi B. Shaikh (Pakistan)	2008					
12.	Mr. C.K. Agrawal (India)	2009	•				
13.	Mr. V.C. Ballard (Australia)	2010			•		
14.	Dr. Anna Tedeschi (Italy)	2011	•		•		
15.	Mr. Ahmed Mohammad Aziz (Iraq)	2011	•				
16.	Dr. Aynur Fayrap (Turkey)	2012			•		
17.	Secretary General, ICID				#		
<b>Observers/Permanent observers</b>							
i)	FAO Representative						
ii)	ICOLD Representative						
iii)	World Bank Representative						
iv)	Dr. D. Zimmer (France)						
v)	Mr. Primoz Banovec (Slovenia)						
vi)	VPH Dr. H. El-Atfy (Egypt)						

<sup>1</sup> # Represented

**Annex 2** [Appendix XXVI, Item 4]

**PUBLICATIONS OF THE WORKING GROUP  
WORKING GROUP ON ENVIRONMENT (WG-ENV)  
(Draft only – PI add/delete/improve as appropriate)  
Established: 2008  
Convener: Dr. Sylvain Perret (France)**

Sl. No.	Proposed Outputs/Type of Publication, as applicable	Scope (Broad Purpose)	Target Audience	Collaborators and Dissemination Strategy	Timeline for completion of the Task
1	Guidelines – LCA Approaches				
2	Proceedings of the Workshop/Conference				
Filled by:					
Date:					

**Annex 3** [Appendix XXVI, Item 6]

**WORKING GROUP ON ENVIRONMENT (WG-ENV)  
Two-Year Work Plan  
(Draft only – PI add/delete/improve as appropriate)**

Activity*	2013	2014
<b><i>Publications</i></b>		
• Guidelines: <i>'Environmental Assessment of Irrigation and Drainage Systems with LCA: Principles and Case Studies'</i>		
• Inviting Authors/members		
• Peer Review		
<b><i>Workshops</i></b>		
• Workshop Title, scope etc		
• Workshop Proceedings		

\*Action plan need to be described for each activity with timeline and responsibility allocation.

**AGENDA FOR THE 34TH MEETING OF THE  
PERMANENT FINANCE COMMITTEE (PFC)  
03 October 2013: 09.00-10.30 hours (Session I)  
03 October 2013: 11.00-12.30 hours (Session II)  
Mardin, Turkey**

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

**Members:** (1) Vice President Hon. Dr. Saeed Nairizi, Chairman (Iran, 2006); (2) Dr. James Ayars, Vice Chairman (USA, 2007); (3) Vice President A.K. Bajaj (India, 2009); (4) Mr. Akira Nakazawa (Japan, 2009); (5) President Hon. Prof. dr. Bart Schultz (The Netherlands, 2011); (6) Mr. Ian Atkinson (Australia, 2011); (7) Ms. Serpil Koylu Dalgin (Turkey, 2012); (8) Mr. Sergy N. Gurjavech (Russia, 2012); (9) Mr. Hao Zhao (China, 2012) and (10) Er. Avinash C. Tyagi, Secretary General, ICID.

**General Note:** Conversion rate of US\$ versus ₹ (Indian Rupee) used in the budget and forecasts –

Average Exchange rate of 1 US \$ for the last thirteen months					
Month	₹	Month	₹	Month	₹
July 2012	55.38	December 2012	54.65	May 2013	54.96
August 2012	55.53	January 2013	54.24	June 2013	58.27
September 2012	55.42	February 2013	53.85	July 2013	59.75
October 2012	53.06	March 2013	54.41		
November 2012	54.82	April 2013	54.37		

1. A conversion rate of US\$1 = ₹48 was assumed in the forecast for year 2012-13 on the basis of exchange rate in the first four months of 2012. The actual rate at which the subscription was received during 2012-13 works out at US\$1= ₹55. An exchange rate of US\$1= ₹55 has been assumed for the Revised Budget (proposed) for the year 2013-14, Budget for Financial Year 2014-15 and Preliminary Budget for 2015-16 and Forecasted budget for the Financial Years 2016-17.

**PFC Agenda Item 1: Review of the Membership of the Committee**

2. According to By-law 3.9.5, PFC shall comprise the Secretary General and a maximum of 15 elected members. Presently there are 10 members including SG. The By-law further provides that:

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

3. During the 63<sup>rd</sup> meeting of IEC, in Adelaide, Chairman PFC Dr. Nairizi was requested by the Council to continue as Chairman of the Committee for another two years, temporarily suspending By-law 3.8.3. It was hoped that during the next two years one of the PFC members would take lead and get fully acquainted with financial issues and take over the mantels PFC Chairman.

4. Dr. James Ayars, Vice Chairman (USA, 2007), Vice Chairman of the Committee will be completing their six-year term and should be replaced as per ICID By-law 3.8.3. The Central Office has not received any new nominations for Committee's membership.

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

5. IEC established the Direct Membership Administering (DMA) Sub-Committee with Chair with one member co-opted from PCSO, and adopted the procedure as laid down in the Guidelines for Administering Direct Membership (Annex R 3.3 of Minutes of 63<sup>rd</sup> IEC Meeting).

6. After the decision of 63<sup>rd</sup> IEC to open its membership to corporates, institutions and individuals, Central Office has advertised it through various channels such as letters, E-Bulletin, ICID Website, News Update, ICID News and ICID Journal and invited the prospective direct members for the membership of ICID in various categories. So far fifteen applications have been received; out of which five were received in complete form along with direct membership subscriptions as applicable to their respective categories. The applications of these five applicants were sent to their respective National Committees for 'No Objection (NOC)' from them for granting provisional direct membership. After receiving NOC from respective NCs, their applications were sent to the Direct Membership Administering Sub-Committee for final scrutiny before admitting them as provisional direct members. The Direct Membership Administering Sub-Committee have granted provisional membership to the following five subject to approval by IEC.

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

7. The remaining applicants have been advised to submit their membership subscription for further processing.

8. The Committee may approve the actions of DMA and recommend to the Council to approve the direct membership of the above provisional members.

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

9. A sub-committee was constituted to consider the suggestions made by PCSO during the 63<sup>rd</sup> IEC (refer page 14 of Minutes of 63<sup>rd</sup> IEC), which had financial repercussions. The sub-committee was headed by Chair of PFC with Chair of PCSO as one of its members. The report of the sub-Committee is at **Annex 1** with following major recommendations:

- (a) The sub-Committee recommends naming "Deemed Inactive" members as "Associate member"
- (b) In view of the new developments in terms of the options for Direct Membership free trial membership is not recommended.
- (c) The Committee is of the view that NCs which offer to support the participation of at least 10 participants from LDCs shall be given preference for hosting ICID events.
- (d) The Committee recommends retaining the present membership formula that has been established after very detailed discussions, and is very balanced, with an annual increase of 3% in the National Committee subscriptions.
- (e) The Committee therefore recommends that the contributions of part of registration fee from Congress-IEC and WIF-IEC, by host NCs towards ICID budget shall be fixed at 35% for both. The contribution for the other events / meeting shall remain unchanged.

10. The report has been placed before PCSO as well for information. Some of these recommendations have been submitted to the Special Committee to review changes in Constitution. The Committee may consider the report of the sub-committee and make appropriate recommendations.

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

**PFC Agenda Item 4.1: NCs declared Deemed inactive**

11. During 63<sup>rd</sup> IEC, it was decided that National Committees of Greece and Kazakhstan will be deemed inactive from 1 January 2013 if their dues are not cleared by 31 December 2012. However, Kazakhstan National Committee has paid their all arrear subscriptions for the years 2009, 2010 & 2011 and 2012 amounting to US \$ 10947.50. Greece has been declared 'deemed inactive' with effect from 1<sup>st</sup> January 2013.

**PFC Agenda Item 4.2: NCs in current Arrears**

12. As of 31 March 2013, a total of 17 active National Committees were in arrears of subscription. National Committees of Netherlands and Tanzania have since paid their arrears for the year 2012. Sri Lanka National Committee has also paid 2<sup>nd</sup> installment of US\$ 1,053 out of US\$ 4,212 towards arrears of 2008, 2009 and 2010. Out of 17 active National Committees 5 were in arrears of subscription of two years or more. At the time of writing the agenda notes, the status of arrear of subscription, excluding the current year 2013, is as follows:

1. Afghanistan (2010, 2011 and 2012)	US\$ 7,365
2. Fiji (2011 and 2012)	US\$ 3,495
3. Lithuania (2010, 2011 and 2012)	US\$ 8,685
4. Niger (2010, 2011 and 2012)	US\$ 4,167
5. Syria (2009, 2010, 2011 & 2012)	US\$ 7,395
6. Ukraine (2011 and 2012)	US\$ 3,985

13. IEC at its 63<sup>rd</sup> meeting at Adelaide considered the request of Syria as a special case due to prevailing conditions in their country and allowed them to clear their dues by December 2013. However, the conditions in Syria have still not stabilized and now communication between CO and the NC has also broken down. PFC may like to recommend declaring Syrian National Committee as "deemed inactive". In addition, PFC may like to consider applying the By-law 13 in case of Afghanistan, Lithuania, and Niger declaring them as deemed inactive from 1 January 2014 if their dues are not cleared by 31 December 2013.

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

**PFC Agenda Item 4.3: Reactivation of National Committees**

15. After the 63<sup>rd</sup> IEC meeting held at Adelaide in 2012, National Committees of Malawi, Morocco, Sri Lanka, Zambia and Zimbabwe have become active National Committees by paying their outstanding dues of subscription.

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

16. In accordance with the ICID By-law 5, the invitation of Korea, Russia, France and Thailand were accepted for hosting ICID events during the next three years. IEC will be required to approve the financial proposals of the host NCs during 64<sup>th</sup> meeting of IEC, duly including the fee to be charged and other arrangements in accordance with By-law 5.8.

**PFC Agenda Item 5.1: 65<sup>th</sup> IEC Meeting & 22<sup>nd</sup> Congress, 14-20 September 2014, Gwangju, Republic of Korea**

17. Filled-in proforma on financial arrangements of the event has been received from the Korean National Committee. Further details of the financial proposal will be presented by KCID representative during the meeting.



**PFC Agenda Item 5.2: 12<sup>th</sup> International Drainage Workshop, 23-26 June 2014, St. Petersburg, Russia**

18. The Russian National Committee has sent filled-in proforma on financial arrangements where a fee of US\$ 600 has been proposed. The Young Professionals are proposed to be fully exempted from registration fee. The detailed proposal will also be presented by RuCID representative during the meeting.

**PFC Agenda Item 5.3: 66<sup>th</sup> IEC Meeting, 11-16 October 2015, Montpellier, France**

19. French National Committee of ICID (AFEID) has been requested to submit the Performa to be filled in for the approval of the financial arrangements (Form A) for the 66<sup>th</sup> IEC Meeting and also nominate its representative to remain present at the PFC meeting. The representative of AFEID will be making the proposal to PFC.

**PFC Agenda Item 5.4: 67<sup>th</sup> IEC Meeting, 2016, and 2<sup>nd</sup> World Irrigation Forum, Chiang Mai, Thailand**

20. Thai National Committee (THAICID) had been awarded the 67<sup>th</sup> IEC meeting and the 9<sup>th</sup> ARC at the 62<sup>nd</sup> IEC meeting in Tehran. However, due to the decision of IEC at its 63<sup>rd</sup> meeting in Adelaide to start World Irrigation Forum from 2013, the 67<sup>th</sup> IEC will also include the 2<sup>nd</sup> World Irrigation Forum. THAICID has informally agreed to this change and has been requested to provide the detailed proposal along with Performa on financial arrangements in Form A for the 2<sup>nd</sup> WIF and 67<sup>th</sup> IEC. Representative of THAICID will present the proposal before PFC.

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

21. During the financial year 2012-13 following contributions to the ICID budget were received from the host National Committees of the events. The Committee may like to express its appreciation and thanks to the Host National Committees.

Event	Dates	Place	National Committee	Amount Contributed
3 <sup>rd</sup> African Regional Conference	29 November to 5 December 2011	Bamako, Mali	Mali	US\$ 4,252
11 <sup>th</sup> International Drainage Workshop	23-27 September 2012	Cairo, Egypt	Egypt	US\$ 1,673
63 <sup>rd</sup> IEC Meeting and 7 <sup>th</sup> ARC	24-27 June 2012	Adelaide, Australia	Australia	US\$ 54,626

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

**PFC Agenda Item 7.1: Auditor's Report**

22. The auditor's report (*abridged*) for the financial year (1 April 2012 to 31 March 2013) is given at **Annex 2**. PFC may consider and recommend for IEC's approval of the audited accounts for the year 2012-13, with or without comments. Some of the salient points of the Auditors report are highlighted in the following paragraphs of this section.

23. **Subscription realized:** The total annual subscription amount for the 59 active NCs for the year 2012 was US\$ 243 480. Against this a sum of US\$ 206 858 have been received by 31 March 2013. This shows 85% realization of the total subscription for the year 2012, as against 77% during the year 2011. 47 out of 59 active members have paid their subscription for the year 2012 so far. In addition, outstanding subscription arrears amounting to US\$ 23 149 for the years 2011 and before, were also received during the financial year.

24. **Outstanding dues of subscriptions:** From the auditor's Note 2 (of Annex 2), it is seen that the outstanding balance of subscriptions (arrears) of 17 active NCs as on 31 March 2013 was US\$ 77214. In comparison, the outstanding balance as on 31 March 2012 was US\$ 79 186 from 17 active NCs.

**PFC Agenda Item 7.2: Foreign Currency Accounts**

25. The Foreign Currency Accounts with Canara Bank, New Delhi (one in US\$ and another in Euro) and HSBC Bank plc. London were also audited. These accounts have been incorporated in the audited account of the Commission for the period ending 31 March 2013. Brief of these accounts is as follows:

26. The total receipt during the year 2012-13 in the Foreign Currency Account (US Dollar) with Canara Bank, New Delhi was US\$ 397,053. There was a balance of US\$ 23,891 from previous year. Out of which, the expenditure of US\$ 370 564 was made during the year. A balance amount of US\$ 50,380 as on 31 March 2013 and is carried forward to the next (current) financial year.

27. In the Foreign Currency Account (Euro) with Canara Bank, New Delhi, the total receipt during the year 2012-13 was Euro 8,451 while a balance of Euro 3,335 was available from previous year. A payment of Euro 11 786 was made during the period and thus there is nil balance in Euro Account as on 31<sup>st</sup> March 2013.

28. In the HSBC Bank plc. London, there is a fixed deposit of US\$ 132 592 and also balance in Current Account was US\$ 20 347. During the year 2012-13, the receipt was US\$ 13,620 and the expenditure of US\$ 196 (as bank charges) was made. Thus the balance amount of US\$ 166,363 was available as on 31<sup>st</sup> March, 2013.

**PFC Agenda Item 7.3: ICID Employees Provident Fund Trust**

29. The Receipts and Payment Account of the ICID Employees Provident Fund Trust for the years 2009-10 to 2012-13 were audited. The amount standing at the credit of the subscribers (staff) as on 31 March 2013 was ₹ 29,062,256 (excluding the Reserve Fund of ₹ 54,106 of the Staff Provident Fund) compared to an amount of ₹ 24,508,375 as on 31 March 2012.

**PFC Agenda Item 7.4: Non-Transferable Fund Accounts**

The non-transferable fund accounts are as follows:

30. **Gratuity Fund:** The fund is used for making gratuity payments to outgoing/ retiring staff. Receipt in this fund consists of the transfer from main account and interest earned on fixed deposits. A sum of ₹ 300,000 is provided for transfer to Gratuity Fund.

31. **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. A sum of ₹ 750,000 is provided for transfer to Superannuation Fund.

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

**PFC Agenda Item 8.1: To take note of the revised budget as approved by the Management Board for the financial year of 2012-13**

32. A summary of the approved outlay for 2012-13 approved by IEC in the last meeting and subsequently revised by the Management Board in its Virtual meeting of 15 February 2013 are given in **Annex 3**.

**PFC Agenda Item 8.2: A comparison of budgeted estimates and actual expenditure for the year 2012-13**

33. A summary of the approved outlay for 2012-13 approved by IEC in the last meeting and subsequently revised by the Management Board in its Virtual meeting of 15 February 2013 Vis-à-vis actual incomes and expenditure ending 31 March 2013 is presented at **Annex 4**. Against the anticipated income of ₹ 26.23 million, the actual income was ₹ 34.55 million. In addition, US\$ 40,000 or ₹ 4.25 million were received as special grant from CNCID for certain activities such as support for the World Irrigation and Drainage Prize. Against this the actual expenditure made were ₹ 31.41 million against the anticipated expenditures of ₹ 37.48 million. A surplus of ₹ 3.14 million is seen against the revised approved budget deficit of ₹ 11.24 million.

34. The above surplus is mainly due to increase in income due to higher arrears of subscription received, including those from the earlier years' arrears; and non-payment of outstanding dues to Land & Development Office, New Delhi (15% of rent receipts for the let-out of the first floor portion commencing from 2004 continues to remain outstanding) provided in the budget. A sum of ₹ 15 million is provided in the budget for the year 2013-14 for payment to L&DO.

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

**PFC Agenda Item 9.1: Income (Annex 4)**

35. **Anticipated Income from Subscription:** A sum of ₹13.77 million is anticipated to be received from the annual membership subscription in respect of 58 active NCs and the likely receipts of fee from Direct ICID members expected to be enlisted.

36. **Publications:** Royalty accruable from M/s John Willey & Sons, the publisher of ICID Journal - 'Irrigation and Drainage' will amount to US\$ 17,000 ( ₹0.93 million) for the year 2013-14.

37. **Conference Support:** A contribution of US\$ 56,775 or ₹3.1 million (15% of registration fee) is expected from 64<sup>th</sup> IEC/ 1<sup>st</sup> World Irrigation Forum, Mardin, Turkey organized by TUCID.

38. **Grants:** A sum of ₹3.00 million has been considered as '*likely*' receipt during Financial Year 2013-14 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.

39. **Rent Incomes:** A receipt of ₹23.54 million is anticipated during 2013-14 from the leasing of office premises at the Central Office building to M/s Yes Bank Ltd. The higher provision as compared to the earlier years is due to the fresh lease agreement negotiated with M/s Yes Bank Ltd under the guidance of Oversight Committee. The report of the oversight committee will be presented to PFC at the meeting. It may however be pointed out that with the increase in the rent the property tax of the premises also increases. After deducting the L&D Authority's tax and the Property Tax to the New Delhi Municipal Corporation, effectively, about 65 per cent of this is the net income to ICID Budget.

**PFC Agenda Item 9.2: Expenditures**

40. **Salary of staff:** Central Office is operating with 16 staff. An amount of ₹20.56 million was approved in the budget presented during the 63<sup>rd</sup> IEC at Adelaide towards the salaries of ICID staff. This was further reviewed in light of the revised dearness allowances as a result of inflation and a sum of ₹22.42 million is provided for the financial year 2013-14. It may be pointed out that despite new activities being undertaken and proposed to be undertaken during the next financial year, the work is being accomplished through the existing staff.

41. **Services and Maintenance:** Provision under the head 'Services and Maintenance' has been revised from ₹3.8million to ₹6.87 million. This increase is mainly to cater to the miscellaneous repairs that are required to be undertaken which have been neglected over the years due to lack of financial resources.

42. **Rehabilitation and refurbishing:** A provision of ₹4.8 million has been made for the major repairs which are being carried out in phases as per the recommendations of the Oversight Committee. The major repairs that have been included for the 2013-14 include the reconstruction of boundary wall and the gates; reconstruction of the toilet block and payment for the remaining works undertaken before June 2013, i.e., before releasing the premises.

43. **ICID Journal:** Against the approved budget of US\$ 37,702 ( ₹2.07 million), a provision of US\$ 42,097 ( ₹2.32 million) is allocated towards subscription of ICID Journal to the publishers of ICID Journal. The slightly increased provision is to cater to the cost of extra copies expected to be provided free to the direct members.

44. **Travel / Meetings:** A provision of ₹1.26 million has been made towards expenses on travel to attend the international meetings by Secretary General and other professional staff of CO, particularly for attending the 64<sup>th</sup>IEC & 1<sup>st</sup> WIF.

45. **Grants:** A sum of ₹3.00 million that has been considered as '*likely*' receipt during Financial Year 2013-14 from unidentified sources (*as grant for studies that might be undertaken*) and is shown to be utilized during the same year for the purpose of the budget. Negotiations are on with CNCID who have indicated their willingness to support certain activities to the tune of US \$ 50,000.

**PFC Agenda Item 9.3: Likely Financial Scenario for the Year 2013-14**

46. The budget for the financial year 2013-14 was approved by the Council in June 2012 at Adelaide. However, the budget was required to be revised as there were certain rehabilitation and refurbishing works that were necessary to be undertaken before the premises could be re-leased (on renegotiated rent) to M/s Yes Bank Ltd. Due to the increase in the rent of the premises and likely possibility of leasing more area, the financial position

during the year is better. However, it may be pointed out that because of non-settlement of the matter with L&D Authorities, there is an outstanding liability of around ₹12 million. In addition, a provision of ₹3.00 million is made for payment to L&D Authorities for the increased rent received, totalling to ₹15.00 million. Taking into account the total income of about ₹45.75 million and a total expenditure of ₹62.89 million, a deficit of ₹17.14 million is anticipated as on 31 March 2014. PFC may note and recommend to IEC, the approval of Budget Forecast (2013-14), with or without comments, if any.

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

47. The budget for the FY 2014-15, preliminary budget for the FY 2015-16 and the forecast budget for the FY 2016-17 are presented in **Annex 4** along with the revised budget for the FY 2013-14. The following paragraphs briefly describe these provisions with explanations.

**PFC Agenda Item 10.1: Incomes**

48. **Membership subscription:** During the year 2014-15, 2015-16 and 2016-17 income from membership subscription has been estimated as shown in the **Annex 5** based on the assumption that all the NCs which are members today will continue to be active and paying their annual subscription based on the agreed formula with a 3 per cent increase annually. In addition, it is estimated that direct membership will also increase steadily.

49. **Publications:** Royalty of US\$ 17,000 ( ₹0.94 million) as per the projections supplied by the Chairman, EB-JOUR and based on the Agreement with M/s Wiley-Blackwell has been assumed as revenue during the next three financial years 2014-15, 2015-16 and 2016-17.

50. **Conference Support:** With the ICID share of 50% of registration fee, a sum of ₹12.6 million is presumed from the 65<sup>th</sup> IEC and 22<sup>nd</sup> Congress in Gwangji, Rep. of Korea for 2014-15; ₹2.3 million is estimated to be contribution from AEID for 66<sup>th</sup> IEC in Montpellier, France during the FY 2015-16; and ₹6.0 million is estimated as contribution from THAICID for 2nd WIF in Chiang Mai in Thailand in the FY 2016-17.

51. **Interest and Other Incomes:** Interest on the General Fund has been calculated on the “Cash and Fixed Deposits” plus the surplus/ deficit to arrive at the income from interest. For the FY 2014-15 it is assessed as only 2.00 million as the General Fund is likely to be reduced during the year as a result of the deficit during 2013-14. For the FY 2015-16 and FY 2016-17 it is projected as ₹3.3 million and ₹3.4 million respectively.

52. **Rent from Let-out Portion:** A rent of ₹37.2 million (*gross*) is likely to be received as rent from the tenants during FY 2014-15, and 2015-16 and increase by 18 per cent during FY 2016-17.

53. **Grants:** A sum of ₹2.0 million has been considered as ‘*likely*’ grants during Financial Years 2014-15 to 2016-17 from unidentified sources (*as grant for works that might be undertaken*). However, this amount is also shown as utilized during the same year and does not make any substantial difference on the overall surplus or deficit.

**PFC Agenda Item 10.2: Expenditures**

54. **Salaries and Allowances:** The provision includes dues on account of annual increment and possible increase in dearness allowance on the approved lines as per the ICID Employees Rules. An increase of about 9 per cent is assumed due to increments and inflation. A sum of ₹21.4 million is projected for the FY 2014-15.

55. **Services and Maintenance:** A sum of ₹6.06 million has been provided for FY 2014-15 towards building maintenance, stationary purchases, watch and ward, gardener services, equipment (replacement of the old car), library books, maintenance of vehicles, telephones and postage maintenance of Website/TDS. The Hardware and Software in the Central Office Computer System is outdated for which adequate provision has been made. For the subsequent years the estimate has been reduced, although provision has been made for regular building maintenance in future.

56. **Property Tax and Utilities:** The property tax charged by the New Delhi Municipal Committee is assessed at the rate of 30 per cent of the value of property (which is approximately calculated as the total rent that it varies in the market). With the increase in the total rent being received NDMC will be recalculating the Property Tax and sending the new requisition for payment. Provision of ₹14.5million has been made in the Budget for FY 2014-15. Similar provisions have been made for the FY 2015-16 and FY 2016-17.

57. **ICID Journal:** A provision of US\$ 42 097 ( ₹ 2.32 million) has been made for the guaranteed payment towards subscription of 800+ copies to M/s Wiley & Blackwell, Publishers of ICID Journal for the year 2014-15. These provisions are estimated to increase for the FY 2015-16 and 2016-17 as the number of copies of ICID Journal is likely to increase with increase in direct membership.

58. **Payment to L&DO:** A sum of ₹ 3.72 million is allocated for payment to L&DO during the financial year 2014-15. Similarly, an amount of 10 per cent of the total rent income is provided under this head for the FY 2015-16 and 2016-17.

59. **Printing and Distribution:** In addition to the normal provisions such as printing of Agenda, Minutes, Annual Reports etc and postage charges for distribution of all the publications, under this head provision for bringing out Special Publications in the form of technical publications produced by the working groups every year has been made. A budget provision of ₹ 1.46million has been made for the year 2014-15. Similarly provisions have been made for the FYs 2015-16 and 2016-17.

60. **Grant Utilization:** Grant anticipated during the years 2014-15, 2015-16 and 2016-17 will be utilized during the financial year with no carryover.

**PFC Agenda Item 10.3: Surplus/Deficit and Cash Reserve**

61. PFC may kindly consider the budget for 2014-15 and recommend it to IEC for its approval.

62. The preliminary budget for the Financial Years 2015-16 and forecast budget for FY 2016-17 are presented for information.

63. Taking into account the total income of about ₹67.62 million and a total expenditure of ₹58.65 million, a surplus of ₹8.98million is anticipated during the FY 2014-15. Similarly, surplus of ₹0.58millionand ₹6.61 million is expected during the FYs 2015-16 and 2016-17 respectively.

64. However, it may be pointed out that the Cash Reserves (Cash and Fixed Deposits plus the liquid receivable minus) as of 31<sup>st</sup> March 2013 stand at ₹42.87 million is expected to be as low as ₹25.73 million by the end of the FY 2013-14. As the current normal yearly expenditure stands around ₹59 million, it does not provide a very good financial picture. However, it is expected that by the end of FYs 2014-15, 2015-16 and 2016-17 the Cash Reserve is likely to improve steadily to ₹34.71 million, ₹40.49 million and ₹47.10 million respectively.

**PFC Agenda Item 11: Any other items**

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE**

**REPORT OF THE SUB-COMMITTEE**

**Background and Summary Recommendations**

The sub-committee to consider suggestions made by PCSO was established as a follow up to 63<sup>rd</sup> meeting of IEC. The Sub-Committee was headed by the Chair of PFC with members from PCSO and concerned workbodies as follows:

- |       |   |                    |
|-------|---|--------------------|
| (i)   | VPH Saeed Nairizi, Chairman, PFC              | - Chair            |
| (ii)  | VP Ragab Ragab, Chairman, PCSO                | - Member           |
| (iii) | Dr. Andrew Sanewe, Chairman, AFRWG            | - Member           |
| (iv)  | Mr. Yaser Barghi, Chairman, WG-YPF            | - Member           |
| (v)   | VP Laurie Tollefson, Chairman, TF-BIO-ENERGY  | - Member           |
| (vi)  | Er. Avinash C. Tyagi, Secretary General, ICID | - Member-Secretary |

The ToR of the Sub-Committee was to consider the suggestions made by PCSO for increasing its membership of National Committees and participation of the professionals from developing countries and Young Professionals in the IEC and other ICID events.

The sub-committee went into various aspects, including financial aspects: the prevalent financial crisis being faced by many developed countries, its impact on their capacity to pay annual subscription, the need for bringing robustness in the financial business model of ICID; and taking into account the opening up of ICID membership to professionals as individuals and from institutions within the countries which cannot continue to be or become ICID members. In summary, the sub-committee recommends as follows:

- (i) The NCs that had been admitted but have not paid even initial subscription should be deleted from the list of ICID members.
- (ii) Inactive members including those which have withdrawn on their own shall be renamed as “Associate Members”, instead of inactive members.
- (iii) The complete waiving-off of the outstanding arrears of all the inactive NCs is likely to jeopardise the fiscal discipline within ICID as they are already provided the opportunity to pay the arrears in three yearly installments. However, NCs from LDCs shall be exempted from paying the outstanding arrears while re-joining.
- (iv) The NCs that offer to support the participation of at least 10 participants from LDCs shall be given preference for hosting ICID events.
- (v) Retain the membership formula that has been established after very detailed discussions, and is very balanced, with an annual increase of 3% in the National Committee subscriptions and continue with the membership fee for Direct Membership as decided in the 63<sup>rd</sup> IEC.
- (vi) Continue the efforts to further broadbasing the membership and increase the direct membership as decided in the 63<sup>rd</sup> IEC.
- (vii) The contributions from Congress-IEC meeting to ICID budget should be reduced from 50% to 35%.
- (viii) The contributions from WIF-IEC meeting to ICID budget should be fixed at 35%.
- (ix) In addition to the 50% rebate on the registration fee for all the YPs attending the meeting, five YPs will be provided scholarship by way of full exemption of the registration fee. Criteria for exemption from payment of registration fees will depend on whether the member has made contributions to WG-YP and the country from which they come from and will be worked out.



**AUDIT REPORT FOR THE YEAR ENDING 31 MARCH 2013**

**A. ABHYANKAR & COMPANY**  
**Chartered Accountants**

International Executive Council  
International Commission on Irrigation and Drainage  
48 NyayaMarg  
Chanakyapuri  
**New Delhi 110 021**

Dear Sir,

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

Yours faithfully,

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

New Delhi

Dated: 31<sup>st</sup> July, 2013

Aniruddha Abhyankar

Proprietor

M. No : F-077883

**Contd.../-**

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

BALANCE SHEET AS ON 31 MARCH 2013

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

**Auditor's Report**

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

Sd/-  
Aniruddha Abhyankar  
Proprietor

Sd/  
Dr. S.A. Kulkarni  
Executive Secretary

Sd/-  
Avinash C. Tyagi  
Secretary General

Places: New Delhi

Dated: 31<sup>st</sup> July, 2013



**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE**

**RECEIPTS AND PAYMENTS ACCOUNT**

For the period from 1<sup>st</sup> April 2012 to 31<sup>st</sup> March 2013

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

**Auditor's Report**

Sd/-

For A. Abhyankar & Co.

Chartered Accountants

Firm Registration No. 023961N

Sd/-  
Aniruddha Abhyankar  
Proprietor

Sd/  
Dr. S.A. Kulkarni  
Executive Secretary

Sd/-  
Avinash C. Tyagi  
Secretary General

Places: New Delhi

Dated: 31<sup>st</sup> July, 2013

**REVISED BUDGET FOR THE YEAR 2012-13**

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

**SUMMARY OF APPROVED BUDGET 2012-13, ACTUAL INCOME/ EXPENDITURE 2012-13, BUDGET AND REVISED BUDGET 2013-14 AND PRELIMINARY BUDGETS 2014-15, 2015-16 AND FORECAST BUDGET 2016-17**

	Approved Budget 2012-13	Income/ Expenditure 2012-13	Budget 2013-14	Revised Budget 2013-14	Budget 2014-15	Preliminary Budget 2015-16	Forecast Budget 2016-17
	₹	₹	₹	₹	₹	₹	₹
<b>I Income</b>							
1. Membership Subscriptions	8,431,575	13,514,736	11,848,300	13,773,364	14,441,646	14,844,225	15,171,073
2. ICID Journal	631,560	631,560	763,200	935,000	935,000	935,000	935,000
3. Publications	416,339	436,845	67,000	67,000	153,000	40,000	65,000
4. Conference Support	2,705,401	2,909,522	1,879,200	3,122,625	12,595,000	2,304,000	6,000,000
5. Interest	2,312,600	3,333,293	3,285,600	3,000,000	2,000,000	3,300,000	3,400,000
6. Other Receipts	1,722,303	3,710,775	1,313,500	1,313,500	300,000	310,000	300,000
7. Let out property, Rent and Arrears	10,015,248	10,015,247	19,051,700	23,536,065	37,200,000	37,200,000	43,400,000
<b>Total Income</b>	<b>26,235,026</b>	<b>34,551,978</b>	<b>38,208,500</b>	<b>45,747,554</b>	<b>67,624,646</b>	<b>58,933,225</b>	<b>69,271,073</b>
<b>II Expenditure</b>							
1. Compensation Package for SG	2,229,182	2,264,408	2,373,300	2,603,112	2,787,912	2,972,712	3,165,938
2. Salaries and Retirement dues of Staff	15,644,011	14,910,883	20,563,400	22,419,800	21,405,245	23,751,961	25,292,036
3. Service & Maintenance	2,933,298	2,995,592	3,795,000	6,871,600	6,064,000	5,635,000	5,500,000
4. Property Tax & Utilities	2,269,205	2,264,408	2,160,000	5,850,000	14,495,000	14,535,000	15,950,000
5. Rehabilitation / Refurbishing	3,000,000	2,257,443	1,500,000	4,800,000	3,000,000	1,500,000	1,500,000

	Approved Budget 2012-13	Income/ Expenditure 2012-13	Budget 2013-14	Revised Budget 2013-14	Budget 2014-15	Preliminary Budget 2015-16	Forecast Budget 2016-17
	₹	₹	₹	₹	₹	₹	₹
6. ICID Journal	2,084,844	2,081,808	2,073,600	2,315,335	2,315,335	2,315,335	2,315,335
7. Printing and Distribution	1,235,225	1,105,422	1,121,000	1,226,000	1,460,000	1,475,000	1,500,000
8. Conference Expenditure	493,009	493,009	20,000	540,000	1,040,000	40,000	600,000
9. Workshops and Trainings	0	0	0	0	1,000,000	1,000,000	1,000,000
10. Travel Expenditure on Meetings	1,238,005	983,872	1,160,000	1,260,000	1,360,000	1,410,000	1,500,000
11. Payment to L&DO (MoUD) from Rent	6,000,000	0	2,000,000	15,000,000	3,720,000	3,720,000	4,340,000
12. Other Payments	349,845	2,053,457	0	0	0	0	-
<b>Total Expenditure</b>	<b>37,476,624</b>	<b>31,410,302</b>	<b>36,766,300</b>	<b>62,885,847</b>	<b>58,647,492</b>	<b>58,355,008</b>	<b>62,663,309</b>
<b>Surplus (Deficit) (1)</b>	<b>(11,241,598)</b>	<b>3,141,676</b>	<b>1,442,200</b>	<b>(17,138,293)</b>	<b>8,977,154</b>	<b>578,217</b>	<b>6,607,764</b>
Grant Receipts	263,956	4,256,870	2,000,000	3,000,000	2,000,000	2,000,000	2,000,000
Grants utilisation	786,149	2,302,622	2,000,000	3,000,000	2,000,000	2,000,000	2,000,000
<b>Surplus (Deficit) of Grant (2)</b>	<b>(522,193)</b>	<b>1,954,248</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>
<b>Net Surplus/ Deficit (1)+(2)</b>	<b>(11,763,791)</b>	<b>5,095,924</b>	<b>1,442,200</b>	<b>(17,138,293)</b>	<b>8,977,154</b>	<b>578,217</b>	<b>6,607,764</b>

**BUDGET FOR MEMBERSHIP SUBSCRIPTION  
(2013, 2014, 2015, 2016 & 2017)**

Sl. No.	National Committee / Committee	2013 (US\$)	2014 (US\$)	2015 (US\$)	2016 (US\$)	2017 (US\$)
1	Afghanistan	2,610	2,690	2,775	2,860	2,950
2	Australia	5,620	5,790	5,965	6,145	6,330
3	Austria	3,470	3,575	3,685	3,800	3,915
4	Bangladesh	2,815	2,900	2,990	3,080	3,175
5	Brazil	6,940	7,150	7,365	7,585	7,815
6	Canada	7,770	8,005	8,245	8,495	8,750
7	Chad	1,550	1,600	1,650	1,700	1,750
8	China	9,820	10,115	10,420	10,735	11,060
9	Chinese Taipei Comm.	5,385	5,550	5,720	5,892	6,070
10	Croatia	2,405	2,480	2,555	2,635	2,715
11	Czech Republic	2,810	2,895	2,985	3,075	3,170
12	Egypt	4,400	4,535	4,675	4,815	4,960
13	Estonia	2,005	2,065	2,130	2,195	2,265
14	Ethiopia	1,675	1,725	1,780	1,835	1,890
15	Fiji	1,830	1,885	1,945	2,005	2,065
16	Finland	3,975	4,095	4,220	4,350	4,485
17	France	7,060	7,275	7,495	7,720	7,955
18	Germany	7,475	7,700	7,935	8,175	8,420
19	Great Britain	6,075	6,260	6,550	6,750	6,955
20	Hungary	3,545	3,655	3,765	3,880	4,000
21	India	10,440	10,755	11,080	11,415	11,760
22	Indonesia	4,380	4,515	4,650	4,790	4,935
23	Iran	6,100	6,285	6,475	6,670	6,870
24	Iraq	4,850	5,000	5,150	5,305	5,465
25	Ireland	1,745	1,800	1,855	1,915	1,975
26	Italy	7,510	7,735	7,970	8,210	8,460
27	Japan	7,220	7,440	7,665	7,895	8,135
28	Kazakhstan	2,965	3,055	3,150	3,245	3,345
29	Korea Rep. of	2,945	3,035	3,130	3,225	3,325
30	Lithuania	3,070	3,165	3,260	3,360	3,465
31	Malaysia	2,500	2,575	2,655	2,735	2,820
32	Mali	1,660	1,710	1,765	1,820	1,875
33	Malawi	1,550	1,600	1,650	1,700	1,750
34	Morocco	2,455	2,530	2,610	2,690	2,775

**Annex 5** [Appendix XXVII, Item 10.1.1]

<b>Sl. No.</b>	<b>National Committee / Committee</b>	<b>2013 (US\$)</b>	<b>2014 (US\$)</b>	<b>2015 (US\$)</b>	<b>2016 (US\$)</b>	<b>2017 (US\$)</b>
35	Mexico	6,140	6,325	6,515	6,710	6,915
36	Nepal	1,775	1,830	1,890	1,950	2,010
37	Netherlands	5,330	5,490	5,655	5,825	6,000
38	Niger	1,530	1,580	1,630	1,680	1,730
39	Pakistan	6,830	7,035	7,250	7,470	7,695
40	Philippines	3,085	9,180	9,455	9,740	10,035
41	Portugal	2,665	2,745	2,830	2,915	3,005
42	Romania	4,975	5,125	5,280	5,440	5,605
43	Russia	8,375	8,630	8,890	9,160	9,435
44	Saudi Arabia	3,705	3,820	3,935	4,055	4,180
45	Slovenia	1,935	1,995	2,055	2,120	2,185
46	South Africa	4,495	4,630	4,770	4,915	5,065
47	Spain	5,875	6,055	6,240	6,430	6,625
48	Sri Lanka	1,985	2,045	2,110	2,175	2,240
49	Switzerland	3,330	3,430	3,535	3,645	3,755
50	Syria	1,995	2,055	2,120	2,185	2,255
51	Tanzania	1,720	1,775	1,830	1,885	1,945
52	Thailand	4,065	4,190	4,320	4,450	4,585
53	Turkey	4,705	4,850	5,000	5,150	5,305
54	Ukraine	4,010	4,130	4,255	4,385	4,520
55	USA	12,525	12,905	13,295	13,695	14,120
56	Uzbekistan	4,105	4,230	4,360	4,495	4,630
57	Zambia	1,550	1,600	1,650	1,700	1,750
58	Zimbabwe	1,715	1,770	1,825	1,880	1,940
	<b>Total</b>	<b>247045</b>	<b>260564</b>	<b>268609</b>	<b>273753</b>	<b>282091</b>
	<b>Year</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	
	US Dollar	250425	262575	269895	275838	
	Rupees	13773364	14441646	14844225	15171073	
<i>(Assuming 3/4 for the year 2013 and 1/4 for the year 2014)</i>						