

APPENDIX XXVII [PCTA Item 10.1]

**AGENDA FOR THE 2ND MEETING OF
WORKING GROUP ON IRRIGATION DEVELOPMENT AND MANAGEMENT (WG-IDM)**

11 October 2017, 13.30-15.00 hours (Session I)

11 October 2017, 15.30-17.00 hours (Session II)

Mexico City, Mexico

Strategy Theme: Schemes

Presented by the Chair

Year of Establishment: 2015

Completion of the Mandate: 2021

Scope: (a) assessment of consumptive use of water for irrigation and resulting water balance at system level ; (b) water demand management according to available resource(s) and system capacity; (c) assessment of water loss in various components of irrigation systems, appraisal of water made available for another use downstream (non-consumptive); (d) ground water development and management for irrigation including conjunctive use of surface and groundwater in irrigation, artificial recharge of aquifers from canals "losses" and "excessive" irrigation; (e) water measuring methods and devices and relevant technology (flow rates and volumes); (f) drivers for and resistances at system level to improve irrigation management; (g) social issues to be considered along with technical and economical ones; (h) management of multi-use hydraulic systems, and interdependence between uses; (i) performance evaluation of irrigation schemes and benchmarking; (j) ways towards economical performance enhancement (cost reduction and efficiency improvement).

Website: http://www.icid.org/wg_idm.html

WG-IDM Agenda Item 1: Action taken report by Chair

1. The Chair will present report on the actions taken on the decisions and proposals of the working group at its last meeting held at Chiang Mai in November 2016.
2. Egyptian National Committee (ENCID) has nominated Eng. Mohammed Omar Makram Afify – as Young Professional for the membership of the group. The members from Iran (Mr. Mohammad Kazem Siah) and Provisional members from Iraq have not contributed to the activities of the WG so they are recommended to be discontinued and new members would be invited from these National Committees as well as other NCs. Chairman in consultation with Vice Chair, Secretary of the WG and the Central Office have updated the membership of the WG as given at **Annex 1** (*refer electronic version for latest list*). New nominations, if any, for the membership received will be dealt suitably after the meeting.

SUPP: Pakistan National Committee (PANCID) vide their email of 8 September 2017 has nominated Mr. Tariq Altaf for the membership of the group.

WG-IDM Agenda Item 2: Road Map to ICID Vision 2030 - Activities on irrigation development and management

3. The group reviewed the Action Plan 2030 and updated/ modified it keeping in view the revised scope/ mandate of the WG and the duration of the WG. Based on the inputs from the workbodies at the 67th IEC and fresh inputs received up to March 2017, the Consultative Group (CG) on Action Plan 2030 finalised Action Plan for ICID as presented in their report "A Water Secure World Free of Poverty & Hunger : A Road Map to ICID Vision 2030". Action Plan for WG-IDM as presented in CG report is given as **Annex 2**. WG will discuss activities of action plan, review and update milestones and initiate required actions to achieve proposed outcomes.
4. During Chiang Mai meeting, the group decided to focus on the approach of water balance in irrigation, with the objective to develop appropriate guidelines in this respect. The group also decided to address the issues and challenge related to ensuring success of relevant and efficient water management in irrigation on a system level (i.e. drivers and resistances, social issues, management of multi-use systems, technical and economical performance).
5. In May 2017, Chair Mary Jean Gabriel has informed that South Africa has successfully organized the Southern African Region Irrigation Association workshop in March 2017 where the representatives from the Southern African Development Community also participated. During the workshop, Chair Ms Gabriel has requested them to consider the water balance approach in the long term planning in their respective countries and also requested for the reports so that some of the information may be used for the development of the guidelines. Chair will provide further updates about preparation of the guidelines at the meeting.

WG-IDM Agenda Item 3: Presentation by the working group members

6. WG Chair requested members to share their knowledge and experience related to mandate of the WG through presentations during the Mexico meeting. Accordingly, in May 2017, the Central Office invited all members to come forward to make presentation at the Mexico meeting in consultation with the Chair. In July 2017, WG Chair informed that the following presentations are proposed at the Mexico meeting:

- (a) Irrigation management activities in Turkey by Vice Chair Mr. Ahmed Seren (Turkey)
- (b) Irrigation development and management in Japan by Secretary Dr. Katsuyuki Shimizu (Japan)
- (c) Efficient irrigation by applying a water balance by VPH Felix Reinders (South Africa)

WG-IDM Agenda Item 4: Exchange of information, knowledge & networking

WG-IDM Aenda Item 4.1: Website of the WG

7. The website of the working group http://www.icid.org/wg_idm.html has been updated with the new membership list, agenda, minutes, etc. In February 2017, the Central Office invited all members of the group to access the group's website and provide their comments along with interesting articles/ reports. Members are once again requested to provide interesting articles/ papers/ presentations/ documents related to the activities of the group for uploading on the ICID website. Members may like to discuss and evolve methodology for sharing of information and updation of WG website.

WG-IDM Aenda Item 4.2: Webinars/ Web based seminars

8. At the Chiang Mai meeting, the group could not discuss this item due to paucity of time and decided to review it during Mexico meeting in 2017. In order to share vast expertise available with ICID fraternity with Members of the NCs, it is proposed to organize on average about 2 webinars per month with the support of WG experts. WG will discuss and suggest 5-6 topics, based on the mandate of the WG, on which webinar can be considered along with name of the relevant experts who could be contacted to develop webinars.

WG-IDM Agenda Item 5: Updating Multilingual Technical Dictionary (MTD)

9. During the Chiang Mai meeting, the item of updating MTD was not discussed as the priority was the finalization of the scope/ mandate and actions for inclusion in the Work Plan. However, the group decided to discuss this item during the Mexico meeting in 2017.

10. As per Resolution IEC-2/67 held at Chiang Mai on the 12 November 2016, the Council approved the establishment of a Task Force for Updation and Maintenance of Multilingual Technical Dictionary (TF-MTD) under the Chair of PCTA consisting of Chair or its representatives of the WG-IDM, M&R, SON-FARM, SDRG and IOA, and representatives of FAO, IWMI, ADB as its members. ICID vide notification 14 of 2017 dated 10 July 2017 notified establishment of TF-MTD. The Task Force will hold its first meeting during 68th IEC in October 2017 and shall report progress of its activities to IEC through PCTA.

11. In the composition of the Task Force, Chair/ representative of the WG-IDM is one of the members besides other workbodies viz. IOA, M&R, SON-FARM, SDRG. The group may like to discuss the updation of MTD at the meeting and nominate a suitable professional for TF-MTD. Further work on updation of MTD will be taken up as per direction of TF-MTD.

WG-IDM Agenda Item 6: Brief report on “Water accounting for agriculture” – Dr. Amgad Elmahdi

12. In May 2017, Dr. Marlos de Souza, Secretary – Water Platform, Land and Water Division (FAO) has informed that their proposal as a World Water Council Member Initiative on Water Accounting has been approved by the Council and circulated the Concept Note “Water Accounting for Agriculture” for discussion. In response to ICID Central Office's request Dr. Amgad Elmahdi, Member, WG-IDM has agreed to participate in the discussions and also consented to share the Australian Case Study. Dr. Amgad Elmahdi will provide a brief report/ feedback of the discussions at the meeting.

WG-IDM Agenda Item 7: Workshop on water balance approach, 2018

13. As per Road Map to ICID Vision 2030 (Annex 2) under **Goal C** (*Strategy*: Providing knowledge sharing platform for AWM professionals, activity 1.3), it is proposed to organize a Workshop on Water Balance Approach and how to conceive guidelines during the year 2018. The group may like to discuss about the organization of the workshop (*internal/ international*) and suggest a suitable sub-themes/ topics at the meeting. Chair may like to provide the further updates at the meeting.

WG-IDM Agenda Item 8: Any other business



Annex 1 [Appendix XXVII, Item 1]
A. Members and their attendance at 2015 and 2016 meeting

Sl. No.	Members	Member from (Year)	2015		2016		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Ms. Mary Jean M. Gabriel, Chair (South Africa)	2015	•		•	•	
2.	Mr. Ahmet Şeren, Vice Chair (Turkey)	2016			•		
3.	Dr. Katsuyuki Shimizu, Secretary (Japan)	2015	•			•	
4.	VPH Francois Brelle (France)	2015	•		•		
5.	Mr. Mohammad Kazem Siah (Iran)	2015					No contribution, recommended for discontinuation after Mexico meeting if no contribution
6.	Dr. Wu Jingwei (China)	2015			•		
7.	Ir. Mat Hussin Bin Ghani (Malaysia)	2015	•				
8.	Mr. Ming-Young Jan (Chinese Taipei)	2015	•		•		
9.	Mr. Waleed Hassan (Egypt)	2015	•			•	
10.	Dr. Amgad Elmahdi (Australia)	2016				•	
11.	Dr. Narges Zohrabi (Iran)	2016			•	•	
12.	Eng. Abd Elsalam Mohamed Salih Idriss (Sudan)	2016				•	
13.	Mr. G.L. Bansal (India)	2016				•	
14.	Dr. Hanan Hussien Abbood (Iraq)	2016					Provisional member No contribution since Chiang Mai. Recommended for discontinuation after Mexico meeting if no contribution
15.	Ms. Maryam Naeem Odaa Al-Obaidy - Young Professional (Iraq)	2016					Provisional member No contribution since Chiang Mai. Recommended for discontinuation after Mexico meeting if no contribution
16.	Secretary General, ICID						
Permanent observers/ Observers							
(i)	VP Ian Makin (UK)	2015	•			•	
(ii)	VPH Hafied Gany (Indonesia)	2015	•			•	

B. New nominations received from the National Committee

Sl. No.	Name	Country	Remarks
(1)	Eng. Mohammed Omar Makram Afify – Young Professional	Egypt	Recommended subject to presence or else Provisional Member
(2)	Mr. Tariq Altaf	Pakistan	Recommended subject to his presence or else Provisional Member



ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORKBODIES

Goal/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021
Goal A: Enable higher crop productivity with less water and energy							
A1. Strategy: Modernizing irrigation systems	1.1 Develop a program for introducing standards for irrigation systems	Standards for Irrigation and Drainage	Discussion during WG meeting to finalise contents	Collection of information from NCs	Compilation of information and finalisation of first draft	Finalisation of Standards and its dissemination	Review of the standards and update, if needed
	1.2 Report or case studies on recent development in Irrigation Drainage Management	Case studies Presented in WG meetings	4 to 6 case studies to be presented at WG meeting in Mexico	4 to 6 case studies to be presented at WG meeting in Canada			
A6. Strategy: Improving performance of irrigation systems	6.1 Investigating and providing information on the positive amenities, services and goods provided by irrigation systems	Technical Report	Discussion during WG meeting to finalise contents	Collection of information from NCs	Compilation of information and finalisation of first draft of report	Finalisation of technical report and its dissemination	Review of the report and update, if needed
	6.7 Identify drivers and social resistances within the systems to improve Irrigation management	Report			Prepare a draft report	Release a draft report	Release the finalised report
Goal B: Be a catalyst for change in policies and practices							
B1.Strategy: Support development of appropriate policies	1.14 Report on South-South cooperation for capacity development in the field of irrigation management			Report on state of the art		Draft guidelines	Release the finalised guidelines
B3. Strategy: Integrated Irrigation and Drainage Management	3.1 Assess methods and develop guidelines on relevant water balance approach	Guidelines	Discussion during WG meeting to finalise contents	Collection of information from NCs	Compilation of information and finalisation of first draft of guidelines	Finalisation of guidelines and its dissemination	Review of the guidelines and update, if needed
Goal C: Facilitate exchange of information, knowledge and technology							
C1.Strategy: Providing knowledge sharing platform for AWM professionals	1.3 Organize Workshop, Seminar and Symposium on Water Balance Approach			Workshop on water balance approach and how to conceive guidelines			
C4.Strategy: Compile, Collate and	4.9 Condensed overview of existing	Technical Report	Interim report	Final report			

Goal/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021
Share Knowledge and Experiences	documents and practical examples on water balance approach						
	4.17 Overview paper on the Irrigation Development for publication in Irrigation and Drainage (IRD)	Technical Paper		Preparation of first paper	Submission of first paper for IRD		
Goal D: Enable Cross Disciplinary and Inter-Sectoral Engagement							
D2. Strategy: Developing Technical Documents in Non-technical Language	2.3 Investigating and documenting the social and economic impacts of irrigation systems	Technical report					
Goal E: Encourage research and support development of tools to extend innovation into field practices							
E6. Strategy: Dissemination of useful research outputs	6.2 investigate and report on state of research, barriers or locks and promising paths in the field of irrigation management					Draft report	Final report

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)

