

**AGENDA FOR THE 11TH MEETING OF THE
WORKING GROUP ON WATER AND CROPS (WG-WATER & CROP)**

15 August 2018, 11:00-12:30 hours
Saskatoon, Saskatchewan, Canada

Strategy Theme: On-Farm

Presented by the Chairman

Year of Establishment: 2007

Completion of the Mandate: 2019

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-W&C Agenda Item 1: Action Taken Report by Chair¹

1. The Chair will present the report on the actions taken on the decisions and proposals made at its last meeting held at Mexico City, Mexico in October 2017.

2. ICID CO, vide e-mail dated 8 December 2017 to all Chairs/ Vice Chairs/ Secretaries, suggested that the work bodies could make full use of web-ex platform for virtual meeting so as to ensure regular contribution from the WG members as well as to discuss and initiate follow-up actions emerging from the minutes of the previous WG meeting and review the progress of the action points. However, no virtual meeting of the WG could be organised since last meeting of the WG in Mexico in October 2017. In this connection PCTA in its meeting in Mexico in October 2017 accepted the recommendation of the Sub-committee to investigate the structure, scheduling of meetings and membership of working groups (SC-SSMWG) that WG Chairs make the WG meetings technically more attractive by taking preparatory steps through virtual meetings of the WGs before preparing the agenda for the meetings.

3. Egyptian National Committee on Irrigation and Drainage (ENCID), Japanese National on Irrigation and Drainage (JNC-ICID) and ICID-Chinese Taipei Committee (CTCID) have nominated Prof. Dr. Zeinab Hussien Behairy (Egypt), Dr. Tasuku Kato (Japan) and Dr. Chung-Feng, Ding (Chinese Taipei), respectively, for the membership of the WG. Prof. Dr. Mohd Amin Mohd Soom (Malaysia), Mrs. Gao Hong (China) and Prof. Dr. Allah Bakhsh (Pakistan) have not contributed to the activities of the group during last two years. 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. The Chair may provide further updates at the meeting.

SUPP: The Japanese National Committee (JNCID) vide email of 13 July 2018 has withdrawn the nomination of Dr. Tasuku Kato (Japan) from the membership of WG.

Japanese National Committee (JNCID) vide email of 27 July 2018 nominated Dr. Kazumi Yamaoka (Japan) for the members of WG-WATER & CROP.

WG-W&C Agenda Item 2: Road Map to ICID Vision 2030: Activities on efficient use of water in crop production

4. At Mexico meeting (2017), the group reviewed the Action Plan for WG-WATER & CROPS keeping in view the mandate and availability of resources for achieving various activities (refer **Annex 2**). In February 2018, ICID CO has followed-with the members and requested them to take action to achieve the **Goal A:** Enable higher crop productivity with less water and energy (*1.1/5.3 Develop guidelines on efficient use of water in crop production*); **Goal C:** Facilities exchange of information, knowledge and technology (*3.2 International workshop/seminar on 'Improving Water Productivity in the framework of Water Energy Food Nexus'*) of the Road Map to ICID Vision 2030. Chair Dr. Ragab has also requested the members of the group to send their comments/suggestions, if any, to achieve the outcome of the strategies for the WG.

¹ This will also include details of membership of WG as **Annex**

5. The 68th International Executive Council (IEC) Meeting encouraged WGs to monitor the progress of ‘Activities identified under Various Strategies for Action Plan 2017-21’ appended to ‘A Road Map to ICID Vision 2030’ and report to their respective Permanent Committees. ICID CO has followed-up with the members and requested them to take actions to achieve milestones decided by the WG. WG was also requested to consult with other working groups so as to avoid duplication of the activities and getting their support to achieve intended outcome/ outputs of the WG. The members may like to discuss the Action Plan during the meeting and update the Annex 2 as per the new developments.

6. As per decision of 68th IEC, the Central Office requested the Chairs of the Work bodies in January 2018 to monitor the progress of achieving milestones as indicated in the Action Plan and report status to the concerned Permanent Committee to enable the Theme Leaders to take stock of the progress of the Work body in achieving the Action Plan in their synthesis report. Chair will provide further updates at the meeting and WG members will deliberate on evolving monitoring mechanism for achieving milestones in the action plan.

WG-W&C Agenda Item 3: Multi-functionality of water uses in paddy (Rice) cultivation

7. During the Mexico meeting (2017), the WG decided to finalise a ‘Technical Report’ based on papers contributed by its members in areas such as : (a) efficient use of water in crop production, (b) crop water models, (c) multifunctional water use in paddy, and (d) rainfall harvesting and energy crops.

8. While National Committees of China, Indonesia and Philippines have already contributed their papers for the ‘Technical Report’ of the group, the ICID Central Office requested the members/NCs from Korea, Thailand, and Taiwan to contribute their papers in the area of ‘Multi-functionality of water use in paddy (Rice) cultivation’ in their countries for enriching the ‘Technical Report’ of the working group. However, the reports from Dr. Graziano Ghinassi (Italy) and Dr. Leon van Rensburg (South Africa) is still awaited. While Dr. Chung-Feng, Ding through Dr. Hsiao-Wen Wang (Taiwan), Prof. Won-Ho Nam (Korea) and Mr. Chalearmkiat Kongvichenwat (Thailand) have also shown interest, their contributions are also awaited. The Chair may provide further updates at the meeting.

WG-W&C Agenda Item 4: Updating Multilingual Technical Dictionary (MTD)

9. The WG discussed (2017) the updation of the MTD and nominated Dr. P. Soman (India) as a nodal person to undertake the task of reviewing and updating the terms of MTD. In February 2018, ICID CO has requested. Dr. Soman to take a lead in the activity of updating Multilingual Technical Dictionary (MTD). Dr. Soman and WG Chair may like to update the members with the latest status in the matter. The Chair may provide further updates at the meeting.

WG-W&C Agenda Item 5: International Workshop in August 2018 at Saskatoon, Canada

10. During the Mexico meeting (2017), the WG decided to organize an International Workshop on revised titled ‘*Improving the Water Productivity within the Water-Energy-Food-Nexus*’. However, since the Sub-theme-1: ‘Competing Water Demands’, 1.3 Water-food-energy nexus; of the International Conference at Saskatoon, Canada focuses on the same topic, the Chair in consultation with Vice Chair Laurie Tollefson decided to differ the workshop to Bali meetings in 2019. The Chair may provide further updates at the meeting.

WG-W&C Agenda Item 6: ICID-IWRA Collaboration

11. At Mexico meeting (2017), the WG discussed the issue of joint activities with International Resource Association (IWRA), such as - (i) organizing joint Seminars, and (ii) bring out a Special Issue of the Journal based on selected papers from the WG workshop/seminars, possibly with financial support from IWRA. The Chair may provide further updates during the meeting.

WG-W&C Agenda Item 7: Publications of the Working Group

12. The group may consider to publish a few selected papers from the past International Workshops (2013 and 2015) of the WG for publication in the ICID Journal. Chair may apprise the members in the meeting

WG-W&C Agenda Item 8: Disseminate of activities of WG

WG-W&C Agenda Item 8.1: Website of the Group

13. At Mexico meeting (2017), the group noted that the website of the working group <http://wg-crop.icidonline.org> was updated with new membership list, agenda, minutes, events, etc. Chair Dr. Ragab encouraged and requested the members of the WG to provide interesting articles/ papers/ presentations/ documents related to the activities of the group for uploading on the website. In response, Dr. K. Yella Reddy (India) is expected to provide the soft copies

of Policy briefs and Water education: schools and colleges from the 'ClimaAdapt Project' for uploading on the WG website. The Chair may apprise the members during the meeting.

WG-W&C Agenda Item 8.2: Web-based Seminar/e-discussions

14. During Mexico meeting (2017), WG discussed about organization of webinar to share vast knowledge and expertise available within the WG and members from the NCs. In this regard, the Chairman of the WG encouraged the members of the Group to use the platforms such as e-discussion, web-based seminars on the relevant topics based on the mandate of the WG. Accordingly, ICID CO has followed-up with the members and requested to suggest topics along with name of experts who can be consulted to deliver webinar. This has, so far, been not materialised. The members may deliberate and evolve a strategy to actually organize an e-discussion and/or webinar. The Chair may provide further updates during the meeting.

WG-W&C Agenda Item 9: Any other business



NOTES FOR CHAIRPERSON:

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Saskatoon, Canada after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 16 August 2018.

A. Members and their attendance at 2016 and 2017 Meetings

Sl. No.	Members	Member from (Year)	2016		2017		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Dr. Ragab Ragab, Chairman (UK)	2007	•		•		
2.	VPH Laurie C. Tollefson, Vice-Chairman (Canada)	2009	•		•		
3.	Dr. K. Yella Reddy, Secretary (2010) (India)	2009	•		•		
4.	Prof. Dr. Mohd Amin Mohd Soom (Malaysia)	2011					No contribution, recommended for discontinuation after Canada meeting if no contribution.
5.	Mrs. Gao Hong (China)	2012					No contribution, recommended for discontinuation after Canada meeting if no contribution.
6.	Dr. Marco Arcieri (Italy)	2014	•		•		
7.	Prof. Dr. Allah Bakhsh (Pakistan)	2015					No contribution, recommended for discontinuation after Canada meeting if no contribution.
8.	Ir. Adang Saf Ahmad (Indonesia)	2015	•		•		
9.	Dr. P. Soman (Direct Member), JISL	2015	•		•		
10.	Prof. Won-Ho Nam (Korea)	2017	•				
11.	Secretary General, ICID						
Permanent Observers							
1.	FAO representative						
2.	Mr. Herbert H. Van Lier, CIGR						
3.	Prof. D. Wrachien (Italy)						
4.	ICRISAT representative						
Observer							
1.	Mr. Syaiful Mahdi (Indonesia)	2015	•				

B. New Nominations received from the National Committees

Sl. No.	Name	Country	Remarks
1.	Dr. Chung-Feng, Ding	Taiwan (Chinese Taipei)	Recommended as member, subject to his presence else provisional member
2.	Prof. Dr. Zeinab Hussien Behairy	Egypt	Recommended as member, subject to his presence else provisional member
3.	Dr. Kazumi Yamaoka	Japan	Recommended as member, subject to his presence else provisional member



ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WG-WATER & CROPS

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Resolution Lead Person
Goal A: Enable higher crop productivity with less water and energy							
Strategy 5: Supporting water productivity enhancement	5.3 Develop guidelines on efficient use of water in crop production	Guidelines	Outline of guidelines – introduction	Release the first draft guidelines	Finalise the draft guidelines	To publish it	Merge Item 5 and B1. Dr Marco Arcieri (Italy)
Goal B: Be a catalyst for change in policies and practices							
Strategy B1: Supporting Development of Appropriate Policies	1.13 Technical Report on Efficient Use of Water in Crop Production	Report	Prepare the first draft report for discussion	Release the second draft report	Finalise the draft report	To publish it	Dr Marco Arcieri (Italy)
Goal C: Facilitate exchange of information, knowledge and technology							
Strategy C3: Promoting Regional Cooperation	3.2 International Workshop/seminar on 'Improving Water Productivity in the frame work of Water Energy Food Nexus'	Workshop proceedings	Announcement of workshop	Orgnaising Workshop in Canada	Publication of papers in the Special Issue of the Journal		VPH Laurie C Tollefson (Canada)
Goal D: Enable cross disciplinary and inter-sectoral engagement							
Strategy D2: Developing Technical Documents in Non-technical Language	2.2 Crop – Water- Energy Nexus	Technical Report		Workshop		Workshop	Dr K Y Reddy (India)
Goal E: Encourage research and support development of tools to extend innovation into field practices							
Strategy E2: Strengthening Extension Services with AWM information							Dr Nader Heydari (Iran)
Strategy E3: Developing and Promoting Tools of AWM	3.1 Support research and development of modelling tools	Development of suitable Models, Sensors, Tools for field use	Prepare action plan	Draft report on various developments	Consolidation and final report		Dr Ragab Ragab
Goal F: Facility Capacity Development							
Strategy F3: Technical Training of Young Professionals from Member countries	3.9 Training on Crop Water Models Aqua Crop	Conduct Training workshops	Training workshops		Training workshops		All Members are responsible.

