

APPENDIX XXXI [PCTA Item 10.6]

**AGENDA FOR THE 4TH MEETING OF THE
WORKING GROUP ON WATER SAVING IN IRRIGATED AREAS (WG-WATS)**

05 September 2019, 14:00-16:00 hours (Session I)

05 September 2019, 16:15-18:15 hours (Session II)

Bali, Indonesia

Strategy Theme: Schemes

Presented by the Chair

Year of Establishment: 2015

Completion of the Mandate: 2021

Scope: (a) water accounting and irrigation auditing (and other ancillary uses); (b) irrigation water measuring devices; (c) assessment of water loss in various components of irrigation systems; (d) various methods and techniques used for water saving in irrigation; (e) policies and strategies for irrigation water saving; (f) charging for Irrigation Services; (g) success stories and best management practices in water saving; (h) tools and processes applied in irrigation water saving; (i) outreach of water saving technologies; and (j) WatSave Awards.

Webpage: https://www.icid.org/wg_wats2015.html

WG-WATS Agenda Item 1: Action taken report by Chair¹

1. The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held at Saskatoon in August 2018.
2. ICID Central Office vide e-mail of 19 November 2018 to all Chairs/ Vice Chairs/ Secretaries suggested to make full use of web-ex platform for virtual meeting so as to ensure regular contribution from the WG members as well as discuss and initiate follow-up actions emerging from the minutes of the previous WG meeting and review the progress of the action points. In order to organize the WebEx Meetings, Webinars and e-Discussions, Chair of the workbodies were requested to send the 'Expression of Interest' to initiate the processes.
3. The Uzbek National Committee (UzNCID) has nominated Isomiddin Akramov for the membership of the WG. Dr. Hassan Aboalbasher Ali (Sudan), and Mr. Mohammed Alaa Dheyaa (Iraq) have not contributed to the activities of the group during last two years so they are recommended to be discontinued and new members would be invited from the National Committees as well as other NCs. Chair 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.

WG-WATS Agenda Item 2: Road Map to ICID Vision 2030 - Status of activities on water saving in irrigated areas

4. At Saskatoon meeting, WG reviewed the Road Map to ICID Vision 2030 and identified some initial ideas and deliverable for the WG (refer **Annex 2**).

WG-WATS Agenda Item 2.1: Publication of the WG

5. During Saskatoon meeting, the group discussed and provided the following updates on actions initiated for further deliberation during Bali meeting.
 - (a) **Goal A: Activity 3.2 – Best practices and successful story on water saving:** ICID Central Office has disseminated the book titled "Water Saving in Irrigated Agriculture in Egypt – case studies and lessons learned" jointly authored by Mohamad Hassan Amer, Seyed Ahmed Abd El-Hafez and Mohamed Bakr Abdel Ghani by sharing and uploading it on ICID website at http://www.icid.org/wg_wats2015.html. ICID Central Office has requested members to provide interesting document/ report/ book related to the scope of the WG for the enrichment of the website.
 - (b) **Goal B: Activity 1.4- Policy and legal approaches to water saving:** The group noted that the questionnaire was circulated and finalized subsequently incorporating comments received from the members. WG suggested that Ms. Mu Jianxin (China) may submit the final questionnaire to ICID Central Office for further circulation to all NCs. Accordingly, ICID Central Office has requested Ms Mu Jianxin to

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

submit the final questionnaire for its circulation among the NCs however, response is awaited. Ms Mu Jianxin/ representative from CNCID will provide further updates at the meeting.

- (c) **Goal B: Activity 1.5- Water Charging Policies:** The Chair briefed the group and thanked all the NCs who have responded to the draft framework however, the group felt that response is not enough (at least information from 15 countries is still needed) to prepare the final report. The group discussed about the preparation of a technical book on water charging policies and mechanism to analyze the effect of water charges on water saving in agriculture. During the meeting, WG Chair volunteered to make the first draft of framework and also presented a template to collect data and information from NC. Accordingly, ICID Central Office circulated the template to all NCs and also followed-up with them to provide requisite information for preparation of a technical book on water charging policies and mechanism to analyze the effect of water charges on water saving in agriculture. The technical framework for “Agricultural Water Charging” is available at - http://attachment.benchmarkemail.com/c386762/Agricultural_Water_Charging.pdf for download. National Committees were requested to collect information, complete the content of framework and send it to the WG Chair to enable WG to finalize the draft report for discussion during Bali meeting. Chair Mehrzad Ehsani will provide further updates at the meeting.
- (d) **Goal B: Activity 1.11- State of the art on water saving:** WG decided to prepare an overview paper on the above subject highlighting the most recent research and newest ideas and submit it for publishing in ICID Journal on Irrigation and Drainage. Dr. Joe Stevens and VPH Dr. Gerhard Backeberg finalized the draft framework and circulated to all members for their inputs and contributions before finalizing the paper for submitting it for publishing in the Journal. In May 2019, Dr Stevens has informed that due to poor response from the members on the case studies, Dr. Gerhard and Stevens will draft a paper based on the South African experience and will table the final paper on South African case study. Dr Stevens/ South African representative will provide further updates at the meeting.
- (e) **Goal C: Activity 4.8 – Condensed overview of existing key books, manuals, guidelines and other relevant publications on water saving:** During Saskatoon meeting, WG noted large amount of information and knowledge is available on this area so the group decided that newest and recent books on water saving in irrigated areas be uploaded or the links may be sent to the ICID Central Office for uploading on the website of WG. Mr. Mortaza Yazdekhasti (Iran) volunteered to coordinate and take up the task. Accordingly, ICID Central Office has followed-up with Mr Mortaza to initiate the work however, response is awaited. Mr. Mortaza/ Representative from Iran will provide further updates at the meeting.

WG-WATS Agenda Item 3: Presentation by the WatSave Award winner(s)

6. At Saskatoon meeting, the group noted that the winners of WatSave Awards 2018 were absent and hence there was no presentation. After discussion, the WG recommended that a webinar may be arranged by ICID Central Office and request the winners to present their contributions. Accordingly, ICID Central Office has followed-up with the WatSave Awardees to prepare a brief concept note for organizing the webinar in 2018/19 however, response is still awaited.

SUPP: In August 2019, Ms. Chris Delphin from Irrigation Australia’s Committee on Irrigation and Drainage (IACID) has informed that Mr. Tony Quigley and Mr. James Winter, WatSave winners 2019 from Australia will make a presentation on the subject Trangie-Nevertire during WG-WATS meeting at Bali. In August 2019, ICID Central Office has followed-up with all the winners of the WatSave Awards 2019 to attend and make a presentation during WG meeting. In response, Fuqiang Tian, winner of WatSave Technology Award 2019 has confirmed to participate and make a presentation during WG meeting at Bali.

WG-WATS Agenda Item 4: Dissemination of activities of WG – Website of the group

7. During Saskatoon meeting, the website of the WG was opened on the screen and displayed before the members. However, it was noted that due to busy schedule, Chair was not able to update the website so it was suggested that Mr. Mortaza Yazdekhasti will solve the problem in consultation with the ICID Central Office and regularly update it with all the reports/ documents sent by the Chair and other WG members. Accordingly, ICID Central Office has followed-up with the members and requested them to provide the interesting articles/ papers/ presentations/ documents related to the mandate of the WG from their country for uploading it on the ICID website. Chair/ Secretary of the WG will provide further updates at the meeting.

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

8. The WG discussed about the updating of MTD at Canada meeting and after discussion, it was proposed that the Chair will follow-up with the ICID Central Office to receive the list of the terms to be updated and submit the outputs to the Central Office. It was proposed that Prof (Ms.) Kyung–Sook Choi (Korea) will be nodal person for updating MTD terms related to the WG. ICID Central Office has followed-up with the members and requested them

to contribute towards updating the terms related to the scope of the WG. Prof. (Ms.) Choi/ representative from KCID will provide further updates at the meeting.

WG-WATS Agenda Item 6: International Young Professionals Training Program, 22-25 April 2019, Gyeonggi Province, Republic of Korea – Response from YPs on questionnaire

9. As agreed at Saskatoon meeting in August 2018, the Korean National Committee (KCID) organized the International Young Professionals Training Program (YP-TP) on “Climate Resilient Smart Irrigation Systems” from 22-25 April 2019 at Gyeonggi Province (Republic of Korea) in collaboration with the Chinese National Committee (CNCID) and ICID. KCID has also organized an International Workshop on “Irrigation Technologies to Mitigate Climate Change” on 26 April 2019 to provide an opportunity to the young professionals to have a broader and in-depth exposure to emerging irrigation technologies and management scenarios considering the urgent need for a sustainable climate change-resilient agriculture sector. During the YP training, thirty-two young professionals from 17 countries participated and gained the knowledge. As part of YP training, each YP was requested to provide their response to the following five questions: (i) How the recent climatic extremes are affecting water management for agriculture in your country/region? (ii) What new and innovative approach and technologies are being adopted to address these climate change issues? (iii) What management approach and solutions are being considered to adapt to climate change? (iv) How would you like to modify/augment water management practices and policies in region to generate a long-term strategy? (v) What is your view and contribution to promote climate smart agriculture?

10. The responses received from the YPs have been compiled, and the same is available at: <https://www.icid.org/ypqnresponse.pdf>. It is felt that some of the responses relate to the mandate of the WG and the group may like to take note of the views and suggestions from YPs from different countries and discuss it during the meeting. Chair will provide further updates at the meeting.

WG-WATS Agenda Item 7: Any other business



NOTES FOR CHAIRPERSON:

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Bali, Indonesia after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 6 September 2019.

A. Members and their attendance at 2017 and 2018 meetings

Sl. No.	Members	Member from (Year)	2017		2018		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Mr. Mehrzad Ehsani, Chairman (Iran)	2015	•	•		•	
2.	VPH Adama Sangare, Vice Chairman (Mali)	2015	•	•		•	
3.	Mr. Mortaza Yazdekhasti - Young Professional, Secretary (Iran)	2016	•		•		
4.	Prof. (Ms.) Kyung-Sook Choi (Korea, Rep. of)	2015	•		•		
5.	VPH M. Hassan Amer (Egypt)	2015	# ²	•		•	
6.	Dr. Hassan Aboalbasher Ali (Sudan)	2015					No contribution during last two years. Recommended for discontinuation
7.	Dr. P. Soman – Direct Member, Jain Irrigation Systems Limited – JISL (India)	2015		•		•	
8.	Dr. Joe Stevens (South Africa)	2016	#		#	•	
9.	Ms. Jianxin Mu (China)	2016	•		•		
10.	Mr. Yalçin Dalgin (Turkey)	2016	•				
11.	Mr. Mohammed Alaa Dheyaa as Young Professional (Iraq)	2016					No contribution during last two years. Recommended for discontinuation
12.	Eng. S. Mohanarajah (Sri Lanka)	2015		•			
13.	Mr. Abijit Joshi – Direct Member, JISL (India)	2015		•			
14.	Dr. Ashfaq Ahmed Sheikh (Pakistan)	2017		•			
15.	Prof. Michele Perniola (Italy)	2017	#		#		
16.	Dr. Tasuku Kato (Japan)	2018			•		
17.	Dr. Ray-Shyan Wu (Chinese Taipei)	2018			•		
18.	Eng. (Ms) Hala Ramadan El-Sayed Ismail (Egypt)	2018					
19.	Dr. Mohamed ElHagarey (Egypt)	2018					
20.	Secretary General, ICID		#				
Permanent observers							
(i)	Mr. S.P. Jadhav – Direct Member, JISL (India)	2015					

² Through representation

SI. No.	Members	Member from (Year)	2017		2018		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
(ii)	IWMI Representative (Mr. Ian W. Makin – UK)	2015					
(iii)	FAO Representative (Ms. Robina Wahaj)	2015					

B. New nomination received from the National Committee

SI. No.	Name	Country	Remarks
1	Isomiddin Akramov	Uzbekistan	Recommended as member, subject to his presence else provisional member



ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORKBODIES

Goals/ 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							
A3. Strategy: Improving water saving techniques and technologies	3.1 Support Watsave award winner selection	Awards	Presenting Annual Watsave Awards	Presenting Annual Watsave Awards	Presenting Annual Watsave Awards	Presenting Annual Watsave Awards	Presenting Annual Watsave Awards
	3.2 Best Practices and Successful Story on Water Saving	Documents	Workshop on Watsave awards	Announcing annually for watsave awards and selecting successful stories	Announcing annually for watsave awards and selecting successful stories	Announcing annually for watsave awards and selecting successful stories	Setting up 10 years respective work as the documents and release by CO (2010 - 2020)
Goal B: Be a catalyst for change in policies and practices							
B1. Strategies: Supporting development of appropriate policies	1.3 Disseminate the water saving award technologies	Workshop proceedings					
	1.4 Policy and legal approaches to Water Saving	Policies/ Document	Breakdown the works in the WG	-Workshop -Designing and preparing questionnaire to collect data	Collecting and reviewing relevant laws and regulations from NC	Providing first draft	Finalize the book on policies and strategies drives on water saving
	1.5 Water Charging policies	Position paper	Define responsibility in WG	Designing Standard questionnaire	Reviewing Water Charging procedure on NC	Providing first paper	Final Paper
	1.11 State of the art on water saving	Journal Paper		Preparation of the draft of first paper	Submission of first paper for IRD	Preparation of the draft of second paper	Submission of second paper for IRD
Goal C: Facilitate exchange of information, knowledge and technology							
C1. Strategies: Providing knowledge sharing platform for AWM professionals	1.1 Organize Workshop, Seminar and Symposium	Compilation of proceedings	Seminar/ Symposium on Water Saving	Workshop			Workshop
C4. Strategy: Compile, collate and share knowledge and experiences	4.8 Condensed overview of existing key books, manuals, guidelines and other relevant publications on water saving	Technical report		Release the first report		Release the second report	Release of third report

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

