

**MINUTES OF 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.

Members Present: (1) Mr. Mehrzad Ehsani, Chairman (Iran); (2) Mr. Mortaza Yazdekhashti, Secretary (Iran); (3) Dr. P. Soman – Direct Member, JISL (India); (4) Prof. (Ms.) Kyung-Sook Choi (Korea, Rep.of); (5) Dr. Ray-Shyan Wu (Chinese Taipei).

Observers: (1) Sally Quigley (Australia); (2) Tony Quigley (Australia); (3) James Winter (Australia); (4) Mr. Momir Vranes (Australia); (5) Ms. Jianxin Mu (China); (6) Ikuo Yoshinaga (Japan); (7) Fumi Okura (Japan); (8) Masaomi Kimura (Japan); (9) Si Hoon Kim (Korea, Rep.of); (10) Song Hee Park (Korea, Rep.of).

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

WG-WATS Minutes Item 1: Action taken report by Chair

1. At the onset, the Chair welcomed all the members and briefed on the latest status on the action point emerging from the minutes of the previous meeting of the WG held at Saskatoon, Canada. Chair encouraged WG members to make full use of WebEx platform for virtual meeting to ensure regular contribution 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.

2. The WG reviewed the membership of the group which includes one new nomination viz. Isomiddin Akramov (Uzbekistan), as the nominee was neither present nor represented, the nomination was accepted as 'Provisional Member' until the next meeting. In October 2019, the Irrigation Australia Limited (IAL) has nominated Ir. Felipe Dantas (Australia) for the membership of the WG. In consultation with the Chair, the nomination of Ir. Felipe Dantas was accepted as 'Provisional Member' until the next meeting.

3. The member from Sudan (Dr. Hassan Abolbasher Ali) and Iraq (Mr. Mohammed Alaa Dheyaa – Young Professional) have not contributed to the activities of the WG during last two years so as per ICID By-laws 3.5, it was recommended to discontinue their membership with the recommendation to invite new nomination from the National Committees. Membership status is given in **Annex 4 (page 27)**.

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

4. The WG re-reviewed the Action Plan on the Road Map to ICID Vision 2030 that was modified in the WG meeting held in Saskatoon in 2018 (refer **Annex**).

WG-WATS Minutes Item 2.1: Publication of the WG

5. During Bali meeting, the group discussed the publication of the WG as per the Vision 2030:

- (a) **Best practices and successful story on water saving:** ICID Central Office 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. Due to the absence of the authors of the book, the different chapters of book were presented by the Secretary of the WG.

- (b) **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) to submit the final questionnaire to ICID Central Office for circulation among NCs to collect information and data. The questionnaire has been finalized from the WG point of view.
- (c) **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, Chair proposed Ms. Mu. Jianxin (China) to prepare a brief write-up and coordinate for organizing an internal WG workshop during next ICID meeting in Sydney 2020.
- (d) **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 of the paper for submitting it for publishing in the Journal. In May 2019, Dr Stevens 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 would table the final paper on South African case study.
- (e) **Condensed overview of existing key books, manuals, guidelines and other relevant publications on water saving:** Mr. Mortaza briefed and updated the group on the item which was pending for more than a year.

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

6. During the meeting, the Chair briefed Ms. Chris Delphin from Irrigation Australia's Committee on Irrigation and Drainage (IACID) had informed that Mr. Tony Quigley and Mr. James Winter, WatSave winners 2019 from Australia will make presentation on the subject Trangie-Nevertire. Accordingly, in August 2019, ICID Central Office followed-up with all the winners of the WatSave Awards 2019 to participate and make a presentation during WG meeting. In response, Dr. Fuqiang Tian, winner of WatSave Technology Award 2019 participated and made a presentation during WG meeting at Bali.

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

7. The group noted that the website of the WG <<http://wg-wats.icidonline.org/>> is fully functional and updated with the new membership list, agenda, minutes and other related articles, documents, reports etc. The WG members were requested to send and update the CVs for the website and provide the interesting articles/ papers/ presentations/ documents related to the activities of the group for uploading on the website. The presentation materials as well as the photos in the previous WG meetings were also uploaded.

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

8. The group discussed about the updating of MTD and noted that Prof (Ms.) Kyung–Sook Choi (Korea) is the nodal person for updating MTD terms related to the WG. During the meeting, Prof. (Ms.) Choi provided a brief updates to the members of the group.

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

9. The Chair informed that International Young Professionals Training Program (YP-TP) on "Climate Resilient Smart Irrigation Systems" held in Korea in April 2019 was organized by Korean National Committee (KCID) in collaboration with the Chinese National Committee (CNCID) and ICID. WG decided to review the information and will make efforts to utilize the outcomes of the Program YP-TP for the WG activities, especially the responses of the whole participant to five questions on water saving.

WG-WATS Minutes Item 7: Any other business



Annex [Appendix XXXI, Item 2]

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)



