

**AGENDA FOR THE 4TH MEETING OF THE
WORKING GROUP ON MANAGING WATER SCARCITY UNDER
CONFLICT DEMANDS (WG-MWSCD)**

28 November 2021, 08:45-10:30 hours (Session-I)
28 November 2021, 11:00-12:45 hours (Session-II)
Marrakesh, Morocco

Strategy Theme: Basin

Presented by the Chairman

Year of Establishment: 2016

Extended in completion of the Mandate: 2023

Mandate: Collect information, knowledge and, where available, case histories on actions taken to manage water systems to accommodate a change in priority of water use or due to conflicting demands: (a) Information will be collected on three levels of water management; (i) National, (ii) area or basin; and (iii) local; (b) review and analyze information to determine any commonality; (c) prepare and present reports and/or case studies on recent development in the countries that are represented in the WG; (d) organise international workshop on the topic; and (e) prepare an overview paper on the topic for publication.

Website: http://icid-ciid.org/inner_page/110

WG-MWSCD Agenda Item 1: Action Take 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 in 2020 (virtually).
2. The Chinese National Committee on Irrigation and Drainage (CNCID) has nominated Dr. Jing Liu & Ms. Haofang Yan as Young Professionals and Mr. Yu Yingduo from China for the membership of the group. While the Iraqi National Committee on Irrigation and Drainage (IRQCID) has nominated Mr. Ali Hassan Hommadi Altai (Iraq) for the membership of the WG.
3. Chair in consultation with Vice Chair, Secretary of the WG and the Central Office has 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-MWSCD Agenda Item 2: Brief of the virtual meeting organized in August 2021

4. Dr. Ragab Ragab (UK), President of ICID discussed various activities of the WGs/TFs during the second monthly meeting with ICID Central Office on 07 June 2021. President Dr. Ragab has suggested ICID Central Office to contact the Chair, Vice-Chair and Secretary of the WGs/TFs and request them to organize at least two virtual meetings in a year apart from the physical meetings organized during the annual IEC meetings of ICID. Accordingly, ICID Central Office has communicated Chair, Vice Chair and Secretary to organize virtual meeting.
5. In response, WG Chair Mr. Franklin E. Dimick (USA) has organized the First Virtual meeting of the group on 23 August 2021 wherein eight members participated. During the virtual meeting, Chair discussed various activities like Road Map to ICID Vision 2030, International Workshop in October 2022, updating Multilingual Technical Dictionary (MTD), publication, webinar/web-based seminars etc. The online Minutes of the WG-MWSCD have been circulated to the members of the WG for their information. The minutes of the virtual meeting of all technical working groups have been uploaded on a dedicated webpage (ICID Workbodies Virtual Meeting) at https://icid-ciid.org/inner_page/152. Chair will provide further updates at the meeting.

WG-MWSCD Agenda Item 3: Road Map to ICID Vision 2030: Status of activities on Managing Water Scarcity under Conflict Demands

6. During the last meeting, the WG reviewed the Action Plan (Road Map to ICID Vision 2030) based on the mandate of the WG and updated it. The tenure of the WG has been extended by one year i.e. upto 2023 due to limited activities on account of COVID-19 pandemic leading to delay in organising International Workshop of the WG titled 'Managing on the Regional, State of Local Level, Water Scarcity Resulting from Conflicting Demands'. Further, the WG agreed to complete draft indices, guidelines and technical summary reports of the group in 2022 and finalize the same in 2023 based on the mandate of the WG. In order to develop fresh action plans for 2018-2022, WG may revisit the Action Plan appended to Road Map to ICID Vision 2030 and review the same during the WG meeting at Marrakesh, Morocco in November 2021 and update it till 2023 (*refer Annex 2*). In this regard, ICID Central Office created a new column i.e. 'Milestone for Year

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

2023' in the Road Map to ICID Vision 2030 of the WG activities for finalizing it during the next meeting and provide its input to PCTA. WG Chair will provide further updates at the meeting.

WG-MWSCD Agenda Item 4: Updating Multilingual Technical Dictionary (MTD)

7. At last meeting (virtual), the group reviewed the status of updation of Multilingual Technical Dictionary (MTD) and agreed to undertake updation of MTD terms related to mandate of the WG after the organisation of the international workshop of the group. During the virtual meeting, Dr. Takanori Nagano (Japan) requested the members to contribute the updating terms of MTD (<https://icid.org/mtd.html>) of the group. In this regard, Dr. Nagano has shared the documents to the members related to new technical terms based on the mandate of the WG. Dr. Nagano/WG Chair will provide further progress on updating MTD at the meeting.

WG-MWSCD Agenda Item 5: International Workshop on 'Managing on the Regional, State or Local Level, Water Scarcity Resulting from Conflicting Demands' in October 2022 at Adelaide, Australia

8. During the last meeting, the WG discussed about the international workshop of the group which was postponed due to COVID-19 pandemic situation. The WG agreed to hold the international workshop of the WG either during 72nd IEC meeting and 5th African Regional Conference (ARC) at Marrakesh, Morocco in 2021 or 73rd IEC meeting and 24th ICID Congress, Adelaide, Australia in 2022. In this regard, WG Chair Franklin Dimick has informed that the international workshop of the WG titled 'Managing on the Regional, State or Local Level, Water Scarcity Resulting from Conflicting Demands' will be delayed till the next meeting of the WG to be held during the 23rd IEC meeting and 24th ICID Congress in October 2022. Chairman may provide further updates of the workshop at the meeting.

WG-MWSCD Agenda Item 6: Status of draft indices and guidelines

9. During the meeting of the WG (2020), it was agreed that draft indices, guidelines and technical summary reports of the group will be completed in 2022 and finalized in 2023 based on the mandate of the group as per item 2 of the minutes of the WG. WG reviewed the Action Plan (Road Map to ICID Vision 2030) and provided latest updates about the fresh action plan for 2018-2022 as referred above item 3. Further, Mr. Amali Abraham Amali (Nigeria), member of the WG, volunteered to work for preparing the draft indices. In this regard, the guidelines will be developed in collaboration with other WGs with similar activities. In February 2021, ICID Central Office has requested Mr. Amali Abraham Amali and Chair Franklin Dimick to provide the latest status, if any. WG Chair/ Mr. Amali Abraham Amali may provide further updates in the matter during WG meeting.

WG-MWSCD Agenda Item 7: Exchange of Information, Knowledge & Networking

WG-MWSCD Agenda Item 7.1: Website of the WG

10. At last meeting (virtual in 2020), the group could not discuss this item due to paucity of time. During the Bali meeting, the WG has appreciated the efforts of Dr. Jaepil Cho (Korea) for updating the website of the group. Further, the working group updated new membership list, agenda, minutes, presentations, documents etc. in the WG website https://icid-ciid.org/inner_page/110. WG has requested the members to provide interesting article (s), papers, presentations, documents related to the mandate of the WG for uploading on the ICID website for wider dissemination. In response, Dr. Jaepil Cho has created a group library through Zotero services which is available at <https://www.zotero.org/groups/2447892/wg-mwscd/items/MP4XYU3T/library> and shared this information to members of the WG for updating newly added items. WG Chair Dr. Franklin E. Dimick / Dr. Jaepil Cho will provide further update in the matter during WG meeting.

WG-MWSCD Agenda Item 7.2: Webinar/ Web-based Seminar

11. In order to promote the Webinars of the WG, an interesting topic of the Webinar on 'Dividing the Waters: A History of Litigation in the Truckee River Basin and the Hope for the Future' was delivered by Ms. Terri Edwards (USA)² on 28 May 2021. Ms. Terri Edwards was the Speaker and Mr. Clarke Ballard (Australia) & Dr. Jaepil Cho (South Korea), members of the WG, were the Panelists of the Webinar. During the webinar, Ms. Terri Edwards made a presentation on 'Dividing the Waters: A History of Litigation in the Truckee River Basin and the Hope for the Future' and provided an overview of decades of contentious litigation over the Truckee River system and focused on two Federal rules that have provided innovation in meeting the demands placed on the River – the Newlands Project Operating Criteria and Procedures (OCAP) and the Truckee River Operating Agreement (TROA). Following link https://icid-ciid.org/inner_page/149 may be accessed for more information of the webinar of the WG.

12. Further, the WG organized another Webinar on 'Suitable Water, Crops and Land Management for Water Stressed Regions' which was delivered by Dr. Ragab Ragab (UK), President of ICID and member of the WG on 17 June 2021.

² Ms. Terri A. Edwards (E-mail: tedwards@usbr.gov) is the Area Manager of the Lahontan Basin Area Office in Carson City, Nevada, USA. She oversees the management of Bureau of Reclamation facilities located throughout northern Nevada and eastern California. Her responsibilities include management of a wide variety of water resource issues related to the Newlands Project – as well as the Truckee River Storage Project, Washoe Project and Humboldt Project.

President Dr. Ragab and Vice President Hon Franklin E. Dimick (USA), Chairman of the WG, were Speaker and Panelist of the Webinar. During the webinar, President Dr. Ragab made a presentation on 'Suitable Water, Crop and Land Management for Water Stressed Regions' (https://icid-ciid.org/icid_data_web/webinars/webinar_17062021_ragab.pdf). The webinar addressed a number of approaches and covered the following aspects such as (a) increasing water supplies (rainfall harvesting and use of non-conventional water resources); (b) suitable and more water use efficient irrigation systems and strategies; (c) suitable crops including less water consuming and non-conventional crops; (d) suitable land management to save water (conservation tillage, mulching, precision farming and other methods); (e) use of models as management tools to save water and assess the impact of climate change on irrigation requirement, growth season length and yield. The webinar explored the deep root of water scarcity, fresh water availability per capita for one century, 1950 – 2050, the challenges facing water resources under possible future climate change, projected impacts of climate change, applications of hydrological models, water situations in arid and semi-arid regions and rainwater harvesting using different techniques. A dedicated website has been established by the ICID Central Office wherein the recording of all webinars are accessible at – http://icid-ciid.org/inner_page/66. Chair will provide further updates at the WG meeting.

WG-MWSCD Agenda Item 8: Any other business

WG-MWSCD Agenda Item 8.1: ICID Members' Profile Section

13. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID Central Office vide e-mail dated 09 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their account and change their password to maintain accuracy. Members are requested to review and update their information using their credentials and help us to maintain accurate information.

WG-MWSCD Agenda Item 8.2: Register on World Irrigation Projects (WIP)

14. ICID has taken an initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation Projects (WIP)". WIP will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Gross Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Members are also requested to encourage all irrigation project owners, managers, and researchers across the world and especially in our member countries for contributing to the register. This facility is also extended to non-member countries if the information is received from an authorized agency. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.

WG-MWSCD Agenda Item 8.3: Launch of JRC EDORA Call for Tender

15. ICID Central Office has received an email of 22 July 2021 from Ms. Katrin Ehlert (WMO) regarding launch of Joint Research Centre (JRC) European Observatory for Resilience and Adaptation (EDORA) <https://edo.jrc.ec.europa.eu/edora/php/index.php?id=201> by European Commission with the aims at developing drought impact and risk assessment, conduct drought management, adaptation and policy review, and enhance cooperation between drought. In this connection, a tender in two lots has also been issued through the EU e-Tendering platform (<https://etendering.ted.europa.eu/cft/cft-display.html?cftId=8673>) - (a) the development and implementation of a drought impact database, risk management methodology and drought risk atlas, and (b) an in-depth assessment of drought management plans and climate adaptation policies in Europe. In this regard, ICID Central Office shared the information with the members of the WG and if interested, to get in touch with Katrin Ehlert, WMO (E-mail: kehlert@wmo.int / JRC-EDORA@ec.europa.eu) for further updates.

WG-MWSCD Agenda Item 8.4: The International Water Management Institute (IWMI)

16. The International Water Management Institute (IWMI), World Fish, FAO and ICID jointly organised a session on 'Fish friendly Irrigation' during SIWI World Water Week on August 24, 2021. Vice President Hon. Chaiwat Prechawit (Thailand) represented ICID in the session and made presentation on Fish Friendly Irrigation in Thailand. The link of the recording of the presentation made by VPH Chaiwat is available at <<https://drive.google.com/file/d/1fZzE-KcRqbR9j8gX3YOSy1VWDIrmBjfk/view?usp=sharing>>. During the Session, IWMI has suggested that they would like to discuss more on this topic with ICID. Further, ICID Central Office has requested the WGs to look into the aspect of possible inclusion of this activity in the work body activity. If required, WG may like to ask VPH Chaiwat/IWMI to share more details and make presentation during WG meetings. WG Chair may provide further updates at the WG meeting.



NOTES FOR CHAIRPERSON:

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Marrakesh, Morocco after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 29 November 2021.

Annex 1 [Appendix XIII, Item 1]

A. Members and their attendance at 2019 and 2020 meetings

Sl. No.	Members	Member from (Year)	2019		2020		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Franklin E. Dimick (USA), Chairman	2017		•	•		
2.	Mr. V.C. Ballard (Australia), Vice-Chairman	2017	•		•		
3.	Dr. Jaepil Cho (Korea), Secretary	2017		•	•		
4.	PH Ragab Ragab (UK)	2017	•		•		
5.	Mr. Veysel Yidiz (Turkey)	2019				#	Provisional Member
6.	Mr Amali Abraham Amali (Nigeria)	2018		•	•		
7.	Dr. Jan Ming-Young(Chinese Taipei Committee)	2018	•		•		
8.	Dr. Takanori Nagano (Japan)	2017	•		•		
9.	Dr. Hesham Mostafa Mohammed Ali (Egypt)	2018		#	•		Provisional Member
10.	Ir. David Florentino (Philippines)	2019	•		•		Provisional Member
11.	Dr. Mikiko Sugiura (Japan)	2019	•		•		
12.	Dr. Shivaji T. Sangle (India)	2020			•		
13.	Ms. Leila Eamen (Canada)	2020			•		
14.	Mr. Watchara Suiadee (Thailand)	2020					Provisional Member
15.	Secretary General, ICID						

B. New nominations received from the National Committees

Sl. No.	Name	Country	Remarks
1	Dr. Jing Liu	China	Recommended as member, subject to his presence else provisional member
2	Ms. Haofang Yan, Young Professional	China	Recommended as member, subject to his presence else provisional member
3	Mr. Yu Yingduo, Young Professional	China	Recommended as member, subject to his presence else provisional member
4	Mr. Ali Hassan Hommadi Altai	Iraq	Recommended as member, subject to his presence else provisional member

Through representation



ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WG-MWSCD

	Activity	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	
Goal B: Be a catalyst for change in policies and practices										
Strategy B2 : Promoting Risk Management	Encourage entities to reduce risks of water scarcity by planning for competing demands Look for existing indices related to water scarcity	Increased water reliability; Increased understanding of consequences of water scarcity / Links to articles & papers related to water scarcity					Final review article summarizing country case studies related to addressing water scarcity		Complete final document on summarizing all activities of WG-MWSCD related to Risk Management	?
Strategy B4 : Encouraging Development of Drought Management Policies	4.1 Advocating role of agricultural drainage under drought	Advocacy material				Evaluate National /international level country papers	Evaluate National papers on area/ basin and local level country papers		?	?
	4.2 Manging with limited water under drought	Technical report/ Guidelines							Complete final technical paper on Managing Water Scarcity Under Conflicting Demands	?
	4.3 Develop guidelines on drought risk management strategies	Guidelines		Finalisation of the draft guidelines	Release the finalised guidelines		Update of guidelines	Complete final review paper on Final review document		?
Strategy B7: Advocate for Maintaining Balance between Development and Environment	7.1 Compile best practices in irrigation and drainage in the world on managing water caused by competing demands	Report	First meeting of WG	Host workshop at ICID Canada	Prepare summary report on ICID Canada workshop	Final review article summarizing country case studies related to addressing water scarcity/ Conduct an international workshop for the WG (include appropriate data from workshop in final technical paper)	Prepare review article summarizing country case studies related to addressing scarcity on state and local levels		Complete final document summarizing all activities of WG-MWSCD	?

