

**MINUTES OF THE VIRTUAL 5TH MEETING OF THE
WORKING GROUP ON CLIMATE CHANGE AND
AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**

14 October 2020, 12:30 hours (IST)

Strategy Theme: Basin

Presented by the Chairman

Year of Establishment: 2015

Extended the completion of the Mandate: 2021

Mandate: (a) To share the information about prediction of the global and regional climate change and climate variability; (b) To explore and analyse the implications of climate change and climate variability for agricultural water management including irrigation, drainage, and flood control; (c) To promote archiving useful information and case studies on climate change for practical use in improved impact assessment and adaptation development; (d) To enhance discussion on climate change and water management at national and regional scales among the stakeholders including academician, practitioners, decision makers, media as well as farmers and water users in a region; and (e) To join the international dialogue on Climate change and water management.

Member present: (1) Dr. Ray Shyan Wu, Chair (Chinese Taipei); (2) Dr. Waleed Hassan M. Abou El Hassan, Secretary (Egypt); (3) Eng. Nermeen Essam Eltahan (Egypt); (4) Dr. Anton Urfels - Direct Member (Germany); (5) Eng. Rafat Nael Al-Intaki represented Mr. Jafer Kathom Alwan Alamiryi – Young Professional (Iraq); (6) Dr. Kumiko Tsujimoto (Japan); (7) Dr. Takanori Nagano (Japan); (8) Eng. Talatha Janaki Meegastenna (Sri Lanka); (9) Prof. Sue Walker (South Africa); (10) Ms. Dilek Demirel Yazici (Turkey); (11) Dr. Jih-Shun, Liu (Chinese Taipei); and (12) Secretary General, ICID represented by Er. Harish Kumar Varma, Executive Director, ICID (India).

Permanent Observer: Dr. Tsugihiko Watanabe (Japan)

Observers: (1) Yi-An Hsieh (Chinese Taipei); and (2) Wei-En Cheng (Chinese Taipei).

Website: http://icid-ciid.org/inner_page/1111

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

1. Chair welcomed the members and presented the report on the action taken on the decisions and proposals of the working group at its last meeting held at Bali Indonesia in September 2019.
2. The new nominations of Dr. Kumiko Tsujimoto (Japan), Dr. Takanori Nagano (Japan) and Dr. Anton Urfels – Direct Member (Germany) were accepted as members of the WG. Chair Dr. Ray Shyan Wu expressed his deep appreciation and asked them to briefly introduce themselves, including their professional experience. The nomination of Prof. Anna Dalla Marta received from Italy National Committee (ITAL-ICID) was accepted as a Provisional Member until the next meeting, since the nominee was not present during the virtual meeting.
3. Since Dr. Guy Jobbins (UK), Mr. Sanjay Kumar Singh (India) and Mr. Jafer Kathom Alwan Alamiryi (Iraq) had not contributed during past two years, the group recommended their discontinuation after the virtual meeting. However, Mr. Jafer Kathom Alwan Alamiryi (Iraq), who expressed his interest in continuous participation through e-mail, will remain in the WG. Hence, the group agreed to discontinue the membership of Dr. Guy Jobbins and Mr. Sanjay Kumar Singh and encouraged the National Committees of UK and India to nominate new professionals for the membership of the WG. Membership status is given in **Annex 3 (page 43)**.

WG-CLIMATE Minutes Item 2: Brief of the WebEx (virtual) meetings organized in March and September 2020

4. Chair briefly explained the members about the WebEx meetings held in March 2020 wherein the WG discussed about the finalization of the publication and agreed that the draft table contents will be finalized as soon as possible for assigning the chapters to members (*refer item 3.1*).
5. In the virtual meeting in September 2020, the members agreed with the Chair Dr Watanabe's proposal to step down. Dr. Watanabe also expressed his willingness to participate in the activities of the WG as an Observer. After discussion, Dr. Ray Shyan Wu was elected as the new Chair, Dr. Fuqiang Tian as the new Vice Chair, and Dr. Waleed Hassan as the new Secretary (*refer Annex 1*).

WG-CLIMATE Minutes Item 3: Road Map to ICID Vision 2030 – Status of activities on climate change and agricultural water management

6. As agreed in Bali meeting, the WG reconsidered the Action Plan on the Road Map to ICID Vision 2030, modified it (refer **Annex**) and confirmed the expected activities for the Goal B and D of the WG under the Action Plan. According to the publication plan, the group agreed to deliver a document titled “Guide to Innovated Irrigation and Drainage Management under the Changing Climate” (*tbc*) ranging between 100 and 200 pages, which focuses on irrigation and drainage in the climate change.

WG-CLIMATE Minutes Item 3.1: Publication of the outcomes of the WG

7. Chair Dr. Ray Shyan Wu put forward plan regarding the publication, whose draft was presented by Dr. Tsugihiko Watanabe. After discussion, it was decided that the current draft will be further updated by the editorial team.

8. The document is expected to consist of five chapters. Chair Dr. Ray Shyan Wu suggested that the editing work of the publication be arranged as follows:

- (i). Prof. Sue Walker was assigned to be the responsible editor to Chapter 1. Dr. Nozar Ghahreman was requested to be responsible for Chapter 2, Dr. Waleed Hassan, Chapter 3, and Dr. Jih-Shun Liu Chapter 4. Chapter 5 would be the conclusion and will be written when all the previous chapters are finished.
- (ii). The drafted chapters are expected to be ready by next meeting of the WG.

9. It was agreed that one new chapter of collecting the regional/ community case studies will be added to the document and all the WG members were requested to make their contribution. Prof. Sue Walker mentioned that the document will be a balanced presentation by including case studies presented by members located in all the five continents. Dr. Watanabe suggested that members refer to the case studies published in the previous workshops. Each paper of case study should include 3 to 5 pages. Since all the WG members are invited to contribute to the publication, the Chair will send the related guidelines to all shortly. It was also proposed that experts review is needed as well.

WG-CLIMATE Minutes Item 4: Exchange of information, knowledge & networking**WG-CLIMATE Minutes Item 4.1: Website of the WG**

10. At the Bali meeting, WG discussed the updating of the WG website, including (i) targeted audiences and objectives, ii) update frequency, which depends on the active inputs from working group members, and might be preliminary 4 times per year (update every 3 months), and (iii) share materials.

11. So far, Dr. Fuqiang Tian, the head of the WG Website Managing Team, had shared members CVs, group photos of 3 meetings, workshop materials, publications – published and non-published for uploading on WG website. Chair Dr. Wu thanked Dr. Tian for his efforts and asked him to continue the work of improving the WG website. Chair also encouraged the members to share their ideas about the website and give feedback to Dr. Tian.

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

12. At Bali meeting, WG requested Dr. Hassan to circulate the updated version of MTD to the members. During virtual meeting on 10 September, Dr. Waleed Hassan Abou El Hassan, the team leader for MTD, briefed the members on the progress on updating MTD including finalizing the draft MTD-CLIMATE. Dr. Waleed Hassan requested all WG members to review the final draft and provide their comments/ feedback. Dr. Watanabe appreciated the enthusiastic and careful work of the team for MTD lead by Dr. Waleed Hassan. WG Chair will submit the final draft to the MTD Taskforce once it is approved by the group. Dr. Watanabe has been requesting the MTD team to show its implication in comparison with the glossaries or dictionaries edited by other organizations like IPCC and UNESCO.

13. Dr. Hassan informed the group that he has been working on the draft of the MTD. He also promised to email the current version of MTD to the new members for their review/ comments. After compilation of feedback, Dr. Hassan will send the final version to TF-MTD as the representative of the group.

WG-CLIMATE Minutes Item 6: Expected performance in the WWF9

14. In the previous meeting, Dr. Watanabe briefly reviewed the activities and plans of TF-WWF9. According to the organization of the 9th World Water Forum planned to be held in March 2021 in Senegal, the Chair will distribute the information about the climate-change related activities of ICID during the TF-WWF9. There is no further updated information considering the current situation of the pandemic.

WG-CLIMATE Minutes Item 7: Work Plan of the group

15. As the present tenure of the WG comes to a closure in 2021, WG decided to propose a new WG. The current mandate was written by Dr. Watanabe in 2015. Dr. Wu appreciated his efforts and will come up with an updated mandate proposal and show the group's interest to PCTA in starting a new WG in 2022, with the inclusion of new nominees.

WG-CLIMATE Minutes Item 8: Any other business

16. Chair encouraged all members to review the Road Map to get inspired for new ideas regarding the case studies discussed above.



Annex [Item 3]

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

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 B: Be a catalyst for change in policies and practices							
B2. Strategy: Promoting Risk Management Approaches							
B3. Strategy: Integrated irrigation and drainage management	3.2 Organize introduction of the cases to be applied to other regions	Compilation of Cases	2 Case Studies in humid region (introduction in WG Meeting)	2 Case Studies in arid/semi- arid region (introduction in WG Meeting)	2 Case Studies on unique examples (introduction in WG Meeting)	Extra Case Studies and comparison of the cases (introduction in WG Meeting)	Integration to conclude in general
B6. Strategy: Helping development of climate change adaptation strategy	6.1 Develop Guideline for Water Management Practices under Changing Climate	Guidelines	General policy and table of contents are decided	First draft of the core parts	Release the First Draft Guidelines in WIF3		Release the Final Draft Guidelines
	6.2 Prepare Position Paper on Smart Water Management for Mitigating Climate Change	Position Paper	2nd Workshop on Post Paris 2015	3rd Workshop on Post Paris 2015	Discuss in a Side Event and Release the Draft in WIF3		
	6.3 Develop position paper on adaptation to climate change	Position Paper	Communication with International Organizations	Communicati on with International Organization s	Release the First Draft Paper in WIF3		Release the Final Draft
Goal D: Enable cross disciplinary and inter-sectoral engagement							
D2. Strategy: Develop technical documents in non-technical language	2.1 Integrated Assessment of Climate Change Impacts	Brief Guidelines with Compilation of Case Studies	2 Case Studies with focus on technical background and uncertainty (introduction in WG Meeting)	2 Case Studies with previous year's focus plus economic and social aspects (introduction in WG Meeting)	2 Case Studies with previous year's focus plus financial and institutional arrangement (introduction in WG Meeting) and Introduction of state-of-the- art methodologies and their outcomes in WIF3	2 Case Studies with previous year's focus plus interest groups (introduction in WG Meeting)	Release the Brochure

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

