

**MINUTES OF THE 3RD VIRTUAL MEETING OF THE
WORKING GROUP ON CLIMATE CHANGE AND
AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**
10 August 2023, 14:30-16:00 hours (Indian Standard Time)

Strategy Theme: Basin
Presented by the Chairman

Year of Establishment: 2015

Extended the completion of the Mandate: 2023

Mandate: (a) To share the information about the 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 academicians, 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.

Participants: (1) Prof. Dr. Ray Shyan Wu, Chairman (Chinese Taipei Committee); (2) Dr. Fuqiang Tian, Vice Chair (China); (3) Dr. Amani Alfara (Canada); (4) Ms. Lin Lin Fan (China); (5) Dr. Jia Bin Wu (China); (6) Dr. Jih Shun Liu (Chinese Taipei Committee); (7) Eng. (Ms.) Nermeen El-Tahan (Egypt); (8) Dr. Waleed Hassan M. Abou El Hassan (Egypt); (9) Prof. Ms. Nermeen Essam El-Tahan (Egypt); (10) Dr. Kumiko Tsujimoto (Japan); (11) Dr. Takanori Nagano (Japan); (12) Ir. Wan Noorul Hafilah Binti Wan Ariffin (Malaysia); (13) Engr. Ghulam Zakir-Hassan Sial (Pakistan); (14) Prof. Choi, Jin-Yong (South Korea); (15) Ms. T. Janaki Meegastenna (Sri Lanka); (16) Prof. Sue Walker (South Africa); (17) President Dr. Ragab Ragab (United Kingdom).

Observers: (i) VP Dr. Tsugihiko Watanabe (Japan); (ii) Secretary General of CTCID (Chinese Taipei Committee).

Website: https://icid-ciid.org/inner_page/111

WG-CLIMATE Minutes Item 1. Welcome all members

1. First of all Chair Dr. Ray Shyan Wu welcomed all the members and requested them to make a brief introduction.

WG-CLIMATE Minutes Item 2. Brief follow-up of the last virtual meeting: based on the minute

2. According to the last minute, there is some progress made for the new publication, all the co-authors for the different chapters were arranged and revised. In the end, the international workshop and webinar were also mentioned.

WG-CLIMATE Minutes Item 3: Working Progress on WG publication “Guide to Innovated Irrigation and Drainage Management under the Changing Climate.”

3. In this part, Dr. Ragab Ragab recommended that we contribute to a mitigation chapter because agriculture, particularly paddy rice cultivation, is used by the FAO and other organizations as a mitigation measure against climate change. Dr. Ragab Ragab also suggested contributing to chapter two, focusing on two aspects: the impact of climate change on water resources and the future water requirements for crops. Dr. Tsugihiko Watanabe suggested re-organizing or restructuring chapter four, which includes changes in the usage of the term 'smart water management'.

WG-CLIMATE Minutes Item 4: Proposal for International Workshop in India 2023 (WG-CLIMATE)

4. According to CTCID, collected 15 out of 17 full papers, and are waiting for the rest of 2. Chair is looking for about 15 to 20 presentations for the International Workshop.
5. According to the minutes of 1st virtual meeting, VP Dr. Tsugihiko Watanabe accepted to deliver the keynote speech in India 2023, but he suggested inviting people from the town site to give some new ideas. However, in this meeting, President Dr. Ragab Ragab agreed to be the keynote speaker, and VP Dr. Tsugihiko Watanabe said that President Dr. Ragab Ragab will do the keynote speech instead then.

WG-CLIMATE Minutes Item 5. Webinar before 2023 India WG meeting

6. The Chair came out with two Taiwanese Professors, Professor Xie Zhenyi and Professor Xiao Yujing from National Taiwan University to provide a webinar talking about greenhouse gas. The mentioned webinar is expected to be held in a couple of months.

WG-CLIMATE Minutes Item 6. Suggestions on WG activities in 2024

7. The Chair noted that WG-CLIMATE will become a bigger working group since there are two more working group planning to join the group, and the name of the working group can maintain the same. Dr. Amani Alfara mentioned that the name can be reconsidered since agricultural water management with a natural-based solution is a heated global topic. Engr. Ghulam Zakir-Hassan Sial mentioned that drought and flood are two circumstances that not all nations are facing the same. To conclude, the name of the working group will be further discussed in the IEC meeting.

WG-CLIMATE Minutes Item 7. Any other business

8. The Chair expressed his gratitude toward the central office for taking a group photo (**Annex**). He also reminded all the participants to contribute to the publications and for joining the group as well.



Annex

Picture of the 3rd virtual meeting of WG-CLIMATE, 10 August 2023

