

**MINUTES OF THE 2ND VIRTUAL MEETING OF THE
WORKING GROUP ON CLIMATE CHANGE AND
AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**
05 April 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) Mr. Atin Kumar Tyagi (India); (9) Prof. Anna Dalla Marta (Italy); (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. Nozar Ghahreman (Iran); (15) Ms. T. Janaki Meegastenna (Sri Lanka); (16) Ms. Dilek Demirel Yazici (Turkey); (17) President Prof. Dr. Ragab Ragab (United Kingdom).

Observer: (i) VP Dr. Tsugihito 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. Chair welcomed all the members present during the virtual meeting and provided a brief update.

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

2. According to the last minutes, new members from Canada, Malaysia, and Pakistan were accepted. Meanwhile, when 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 discussed.

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, the updated progress for the publication is as follows: Professor Sue Walker is working on Chapter I. Professor Nozar Ghahreman has provided the outline for Chapter II. Doctor Amani Alfara will be the co-author of Chapter III, which means she will work with Ashish Pandey and Waleed Hassan. However, we still have some uncertainty for chapter four. Larkin got the outline for the case study in Pakistan, which will be incorporated in Chapter V. Besides the case study previously mentioned, there are also case studies about Indonesia and Chinese Taipei Committee. At the same time, Professor Nozar Ghahreman can provide one for Iran. And with all the materials, Fuqiang Tian promised to work with in order to give conclusions, that's the progress up to now. It is suggested that the warning systems should be divided into drought warning systems and flood warning systems. Engineer Ghulam Zakir-Hassan Sial recommended including one section mentioning groundwater.

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

4. According to the Chairman, impact on the climate change or aquatic water management, the application and name of smart water management, and case studies are the most welcomed sub-topics for the international workshop. In addition, the scheduled submission date has been postponed to the end of May, ICRD has also postponed the deadline for the conference. Besides, the notification for acceptance will be 15 days after the deadline.

Since there are already 10 papers and 10 abstracts handed in, another 4 papers are expected to be submitted by the end of June, each one is supposed to be less than 10 pages. After that, authors will receive notification by the end of July 1st.

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

5. The Chair came out with two Chinese Taipei Committee Professors, Professor Xie Zhenyi and Professor Xiao Yujing from National Taiwan University to provide a webinar talking about greenhouse gas. One of them is doing the actual measurements in the field, and the other is working on the theoretical mechanics and the theoretical background. The mentioned webinar is expected to be held in two months.

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

6. The Chair noted that WG-CLIMATE should host a European regional working group in 2024 and focus on the drought.

WG-CLIMATE Minutes Item 7. Any other business

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



Annex

Photo of the 2nd virtual meeting, 5 April 2023

