



THEMATIC SESSION 1A

Water Strategies: Challenges and Opportunities under the Conditions of Climate Change

🕒 14:00-15:30, 24 September 2024, Tuesday

📍 Beijing International Convention Center, Room 311#

In the current global context, the changing environment poses significant challenges to water security. This changing environment is primarily reflected in the ongoing shifts in global climate, the increasing intensity of human activities, and rapid innovations in technology. Climate change leads to frequent extreme weather events and significant changes in precipitation patterns, bringing substantial uncertainty to water supply. From a global water security perspective, in the context of intensifying impacts of climate change, currently, 1.1 billion people globally lack access to sufficient water for their daily needs, while 2.6 billion people struggle to ensure access to safe water. By 2050, the number of people lacking access to drinking water could potentially reach up to 2 billion. Meanwhile, urbanization, industrialization, and other human activities intensify water consumption and pollution, further straining already scarce water resources. In the face of the changing environment, it is crucial to develop comprehensive water security strategies that encompass various aspects. These strategies should focus on enhancing water resource management, promoting water conservation and efficiency, and mitigating the impacts of climate change and human activities on water availability. In this thematic session, the various aspects of water strategies under the conditions of climate change are discussed among a group of renowned experts.

SUB-THEME: Water security strategy under a changing environment

ORGANIZER(S): China Institute of Water Resources and Hydropower Research, GWP China, Department of Water Services Regulatory Commission of Mongolia, Environmental Defense Fund

PROGRAM

14:00-14:10	Opening & Report launch	Moderator: Jinjun YOU
14:00-14:10	Welcome remarks and introduction of speakers	Jinjun YOU: Professor, China Institute of

	Report unveiling and giveaway	Water Resources and Hydropower Research
14:10-15:20	Speeches & Discussion	Moderator: Yiwei GAN & Xiaoya DENG
14:10-14:20	Presentation	Cecilia Tortajada: Chair of Professor, University of Glasgow, UK; Adjunct Senior Research Fellow, National University of Singapore
14:20-14:30	Presentation	Yangwen JIA: Professor, China Institute of Water Resources and Hydropower Research /GWP China
14:30-14:40	Presentation	Marconi Madai: Senior Vice President, Sarawak Energy Berhad, Malaysia
14:40-14:50	Presentation	Josh Weinberg: Senior Consultant, Alliance for Global Water Adaptation, Stockholm
14:50-15:00	Presentation	Bayanmunkh Baatar: Head of the Research and Training Center, Water Services Regulatory Commission of Mongolia
15:00-15:20	Discussion	Yiwei GAN: Environmental Defense Fund, USA
15:20-15:30	Conclusion	Moderator: Josh Weinberg
15:20-15:30	Closing remarks	Josh Weinberg: Senior Consultant, Alliance for Global Water Adaptation, Stockholm

For more information about the 3rd Asia International Water Week, please visit <https://3-aiww.scimeeting.cn>.