



## THEMATIC SESSION 5B

### 5B Sustainable surface water and groundwater management

🕒 16:30-18:40, 24 September 2024, Tuesday  
📍 Beijing International Convention Center, Room 311#

Under the background of global climate change and rapid economic and social development, water has become an increasingly scarce resource. Without proper management of water resources, all humanity will not be able to develop. In this thematic session, aiming to present the progresses and effectiveness of water resources management in recent years, practical experiences and stories of water resources management in China, we adopt various forms to reach the goal. We will discuss, exchange and publicize the theory and practices of sustainable surface water and groundwater management from the perspective of experts and scholars, provincial practice and ministerial level, influence managers and the public, and jointly contribute to future water security.

**SUB-THEME:** Water and Watershed Ecosystem-5B Sustainable surface water and groundwater management

**ORGANIZER(S):** Water Resources Management Center, Ministry of Water Resources, CHINA

## PROGRAM

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| <b>16:30-16:42</b> | <b>Opening</b>  | <b>Moderator: CHEN Ying</b>   |
| 16:30-16:33        | Opening address   | <b>YU Qiyang:</b> Director, Department of Water Resources Management the Ministry of Water Resources, CHINA   |
| 16:33-16:36        | Opening address   | <b>(TBC):</b> World Water Council   |
| 16:36-16:39        | Opening address   | <b>Shahbaz Khan:</b> Director, UNESCO Representative to the People's Republic of China  |
| 16:39-16:42        | Opening address   | <b>WANG Jianhua:</b> Vice Dean, Joint Chairman of the Water and Climate Change of Asian Water Council, Institute of Water and Hydraulic Research of China |
| Group Photo        |   |   |
| <b>16:45-18:37</b> | <b>Speeches and discussion</b>  | <b>Moderator: Cecilia Tortajada; CHEN Ying</b>  |
| 16:45-16:53        | Advances in CHINA Water Resources Management  | <b>TBC:</b> Water Resources Management Department   |
| 16:53-17:08        | Regional Water Healthy Balance and the Path   | <b>ZHANG Jianyun:</b> Academician, Chinese Academy of Engineering   |
| 17:08-17:16        | Droughts: More Than a Climate Change Problem  | <b>Cecilia Tortajada:</b> Professor, University of Glasgow, UK  |
| 17:16-17:31        | Enhancing Eco-Water Security in a Changing World: Case Study in China   | <b>XIA Jun:</b> Academician, Chinese Academy of Sciences  |
| 17:31-17:39        | Cascading effects of climate change, glacial melts and ecological niche shifts on water resources in Asian river basins: developing a framework for future adaptation | <b>Giri Kattel:</b> Professor, The University of Melbourne, Australia   |
| 17:39-17:47        | Water resources management practices of Yangtze river watershed   | <b>(TBC):</b> Changjiang Water Resources Commission   |
| 17:47-17:55        | Practices of Groundwater Management and Overextraction Control in Hebei   | <b>ZHANG Baosheng:</b> Deputy Director, Hebei Provincial Department of Water Resources  |

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| 17:55-18:03        | Management of groundwater aquifer recharge   | <b>Lars Skov Andersen:</b> CEWP, Denmark   |
| 18:03-18:11        | Irrigation and fertilizer intensification in U.S. agriculture under climate change—an adaptation mechanism of trade-induced response | <b>Gong Ziqian:</b> RTI International's Center for Water Resources, USA  |
| 18:11-18:19        | Unified scheduling and management of water resources in the Yellow River   | <b>WANG Yu:</b> Chief Planner, Yellow River Water Conservancy Commission   |
| 18:19-18:27        | Wastewater Reclamation and Reuse in Israel - A holistic Solution and Advanced Wastewater Treatment                                   | <b>Shai Ezra:</b> Director of Water Quality and Water Resource Division, Mekorot Israel National Water Co., Israel |
| 18:27-18:34        | Water Permission and Ecological Flow from Rivers and Lakes   | Water Resources Management Center, Ministry of Water Resources, CHINA.   |
| <b>18:34-18:37</b> | <b>Conclusion 总结</b>   | <b>Moderator: Cecilia Tortajada</b>  |
| <b>18:34-18:37</b> | Closing remarks  | <b>Cecilia Tortajada:</b> Professor, University of Glasgow, UK   |

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