



# THEMATIC SESSION 4A

## Ensuring Water Supply for Food and Energy Production

🕒 14:00-15:30, 24 September 2024, Tuesday  
 📍 Beijing International Convention Center, Room 305#-E

Water is the fundamental natural resource for all living beings on the planet. Considering the fact that Asians heavily rely on rice production as a staple food and the demand for agricultural use will continue to increase. To minimize the overlapping investment between the food and energy production, Water-Energy-Food (WEF) Nexus will function as a vehicle which can drive to the success of securing water supply and water-use efficiency for food and energy production. In this thematic session, best management practice in Asian countries on the water security addressing climate crises will be actively discussed and shared. This collaborative initiative will be pivotal in identifying challenges and narrowing gaps across nations, sharing knowledge, and implementing techniques, ultimately strengthening overall water security.

**SUB-THEME:** Water-Energy-Food NEXUS

**ORGANIZER(S):** K-water and Korea-Mekong Water Center (KOMEK), General Institute of Water Resources and Hydropower Planning and Design (GIWP), International Water Resources Association (IWRA)

## PROGRAM

14:00–14:10	Opening	Moderator: Dr. Sangyoung Park
14:00-14:05	Introduction and Welcoming Remarks	<b>Prof. Yuanyuan Li:</b> President of International Water Resources Association (IWRA)
14:05–14:10	Photo Session	ALL
14:10-15:00	Presentation	Moderator: Dr. Sangyoung Park
14:10–14:20	Presentation (Republic of Korea): The Best Management Technology for WEF Nexus in South East Asia	<b>Dr. Hwanil Park:</b> Chief Director, Science and Technology Policy Institute (STEPI)
14:20–14:30	Presentation (Republic	<b>Dr. Young Il Song:</b> Team Lead, Korea

	of Korea): Water Security in the Era of Climate Crisis	Environment Institute (KEI)
14:30–14:40	Presentation (China): China's Agricultural Water Demand and Security Strategies	<b>Dr. Yunling Li:</b> Chief Director, General Institute of Hydropower and Water Resources, Planning and Design, MWR (GIWP)
14:40–14:50	Presentation (China): Key Technologies and Applications of Digital Twin Irrigation District Construction	<b>Dr. Baozhong Zhang:</b> Professor and Deputy Director, Department of Water Resources, IWHR
14:50–15:00	Presentation (Indonesia)	<b>Ms. Shierley Astryella Riendy:</b> Staff of Indonesia Green Action Forum
<b>15:00-15:30</b>	<b>Moderated Discussion</b>	<b>Moderator: Dr. Sangyoung Park</b>
15:00-15:30	Panel Discussion and Q&A	<b>Moderator: Dr. Sangyoung Park.</b> Head Global Cooperation Specialist, K-water and Executive Director of Korea-Mekong Water Center (KOMEK)

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