



## SIDE EVENT DESCRIPTION FORM 2.

### 10<sup>TH</sup> WORLD WATER FORUM

**This Session Description 2 is for the specified program of the side event. Please complete this form no later than 22nd of April 2024.**

*\*The session description 1 (online form) is separately requested for the session coordinators to deliver a concise session outline with the contact info and the logistical requests.*

**Session Code and Title:**

SE28 Water-Food-Energy-Carbon Nexus for Sustainable Development

**Side Event Coordinators (Name, Position, Organization, email, mobile number):**

**Session coordinator and moderator:**  
Professor Liu Junguo, President of North China University of Water Resources and Electric Power (NCWU), China  
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**Session Description including objectives and expected outcomes (500 words maximum):**

In an era when the sustainability of our planet is in question, the 10th World Water Forum introduces an essential session on the Water-Energy-Food-Carbon Nexus, designed to address the intertwined challenges of managing our most critical resources while reducing carbon emissions. This session aims to highlight the interconnectedness of water, energy, food security, and climate change, emphasizing the need for integrated solutions that can lead to a more sustainable and resilient future.

This session focuses several key areas of innovative technologies for water and energy efficiency, sustainable agriculture practices that conserve water and enhance food security, and strategies for reducing carbon footprints across sectors. By examining these interconnected issues, this session seeks to foster a holistic understanding and approach to global sustainability challenges.

Targeting policymakers, industry leaders, environmental activists, researchers, and community stakeholders, the session aims to catalyze collaborative efforts and inspire actionable solutions. Participants will engage in discussions that bridge disciplines, from technological innovations to policy frameworks and community engagement strategies.

The expected outcomes of this session are multifold. It anticipates the development of actionable strategies that participants can implement within their domains, the establishment of new partnerships across sectors, and the enhancement of global awareness about the nexus approach. Ultimately, the session will contribute to the momentum towards achieving the United Nations Sustainable Development Goals, particularly those related to clean water and sanitation, affordable and clean energy, sustainable cities and communities, and climate action.

By joining this session, attendees will not only gain insights into the challenges and opportunities within the water-energy-food-carbon nexus but also become part of a global movement towards sustainability. Together, we can pave the way for innovative solutions.

**Detailed Session plan :** \*F/M indicates Female or Male

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS (OK OR TBC)
10 minutes	Giving a speech	Liu Junguo, Chinese, M	OK
10 minutes	Giving a speech	Ali Rhouma, Spanish, M	OK
10 minutes	Giving a speech	Xiao Xin, Chinese, M	OK
10 minutes	Giving a speech	Tian Zhan, Chinese, M	OK



10 minutes	Giving a speech	Ang Raksmeiy, Japanese, M	OK
10 minutes	Giving a speech	Mohtar, Rabi H, American, M	OK
10 minutes	Giving a speech	Yan Jinyue, Chinese, M	TBC
10 minutes	Giving a speech	Ansari Andrianto, Indonesian, M	TBC
10 minutes	Group Discussion	Khan Shahbaz, M	TBC
10 minutes	Group Discussion	Joseph Holden, British, M	TBC
10 minutes	Group Discussion	Yoshihide Wada, Japanese, M	TBC
10 minutes	Group Discussion	Hong Yang, Swiss, F	TBC
10 minutes	Group Discussion	Brett A Bryan, Australian, M	TBC
10 minutes	Group Discussion	Karim C. Abbaspour, Swiss, M	TBC

**Additional information:**

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