



SESSION DESCRIPTION FORM 2.

10TH WORLD WATER FORUM

Session Code and Title:

T6A2- Innovations in Smart Water Management worldwide

Session Coordinators (Name, Position, Organization, email, mobile number):

1. **Özlem İritas**, Head of Foreign Relations Department, General Directorate of State Hydraulic Works (DSI), ozlemiritas@dsi.gov.tr; +90 505 5156685
2. **Neil Dhot**, Executive Director, Aquafed; neil.dhot@aquafed.org; +44 7780 979499

Session Description including objectives and expected outcomes (500 words maximum):

Smart water management integrates information systems, monitoring measures, control tools, data collection, and decision support systems to reduce costs and increase the sustainability, efficiency, and sufficiency of water resources.

The session aims to discuss how smart water management innovations can address the challenges in different economies/sectors/countries/cities. Contributors will be asked to focus on which solutions currently give the best returns on investment and which are the most significant factors for public authorities when making investment decisions. Also, the contributors will be asked to report on additional benefits such as improved quality of life for citizens, environmental sustainability, talent attraction, inspiration, or adapting to change.

The session will start with a welcome followed by a brief explanation of the interconnection of sessions 6A1 and 6A3. The presentation section will include current examples of smart water management. Each presenter will have 5 minutes to present their case. Presenters will be asked to design their presentation using the same structure and answering the following questions:

- What are the most successful smart water management solutions at the scale they work, and why? (e.g country, basin, city)?
- Are these solutions cost-effective?
- What are the additional social benefits you earned?
- What have been the major challenges?
- What messages do you have for others working at your scale?

At the end of the presentations, the panelists from different stakeholder perspectives and the audience will be invited to comment and ask questions.

The expected outcomes of the session:

- Explanations of some of the most effective current smart water technologies in various contexts.

- Understanding of how solutions at various scales can be connected eg national-basin-city-village.
- Better targeting of financial resources to smart water solutions that are most effective.
- Potential knowledge-share and partnership between implementers in global regions.

Detailed Session plan:

ESTIMATED TIMING	ITEM DESCRIPTION / ROLE	SPEAKERS	SPEAKERS STATUS (OK OR TBC)
5 minutes	Welcome and Introduction	Özlem İritaş (Session Co-Coordinator), Türkiye (Government of Türkiye)	OK
5 minutes	Brief Review of Session 6A1	Ignacio Deregibus (Topic Coordinator), IWRA, France	OK
5 minutes	Presentation	Gulsah Cakır Heikal, General Directorate of State Hydraulic Works, (Government of Türkiye))	OK
5 minutes	Presentation	Munhyun Ryu, K-water, South Korea (Government owned company)	OK
5 minutes	Presentation	Xin Yu, Yellow River Institute, China (Research Institute)	OK
5 minutes	Presentation	Astria Nugrahan, Jasa Tirta I, Indonesia (Government owned company)	OK
5 minutes	Presentation	Vincent Rocher, Greater Paris Sanitation Agency (SIAPP), France	OK
5 minutes	Presentation	Nimesh Modak, Imagine H2O Asia (NGO), Singapore	OK
5 minutes	Presentation	Sammy Mpungu, University of Johannesburg Public and Environmental Economic Research Center, South Africa	OK
35 minutes	Panel Discussion moderated by Neil Dhot, Aquafed (Session Co-Coordinator)	- Carolina Tornesi Mackinnon (Youth representative and Senior Business Analyst at Brown and Caldwell, USA) - Alejandra Suarez (Director-International financial institutions for development. Suez) - Name TBC (Indonesian government representative)	OK OK TBC
10 minutes	Conclusion&WrapUp	Özlem İritaş	OK