



الجمعية العلمية الملكية
Royal Scientific Society

Towards Water Wisdom: Pioneering Projects for SDG6 Success

Webinar Overview: The main objective of the webinar is to facilitate dialogue and collaboration particularly among WAITRO members to identify actionable steps for addressing SDG6 i.e. ensuring availability and sustainable management of water and sanitation for all.

The webinar is designed for policy makers, academic, water experts, community members and all stakeholders to exchange ideas and share lessons towards achieving SDG6. The webinar will help bridge the gap between global solutions and local implementations and will highlight ground-breaking technologies and sustainable practices that are making a significant impact on water and sanitation management.

Day 12 June 2024

14:00-16:00 CEST

Webinar Agenda:

Duration	Topics	Speakers
10 minutes	Opening Remarks	RSS team
10 minutes	Introducing WAITRO and How WAITRO Approaches SDGs	WAITRO secretariat
75 minutes	<p>Key note speech “Digital Twins of Water Resource Recovery Facilities (WRRFs): Enhancing wastewater treatment and reducing GHG emissions simultaneously”, Prof Lloyd Townley, Distinguished Professor at Nanjing Tech University and Founder of Nanjing Smart Technology Co. Ltd.</p> <p>4 Presentations (15 minutes each):</p> <ol style="list-style-type: none"> 1. “Fault Detection in the Sludge Dewatering Process of Wastewater Treatment Plants Using Texture Analysis”, Dr Selda Hocaoglu, Chief Researcher at TUBITAK MAM, Turkey. 2. “Promoting water innovations in Jordan”, Eng. Rana Ardah and Eng. Amjed Abed, Water Studies Division, Royal Scientific Society, Jordan. 3. “Participation of the local communities in improving water and sanitation management”, Prof Neni Sintawardani, National Research and Innovation Agency (BRIN), Indonesia. 4. “Digital Transformation for Advancing WEFE nexus”, Dr Hassan Abuelnga, Cologne University, Chair of Urban Water Security at International Water Resources Association 	Moderated by RSS team- Eng. Rana Ardah
20 minutes	Q&A Session	