



SIDE EVENT SE-15

Smart Water City: Certification Schemes and Implementation Platforms

🕒 10:30-12:00, 26 September 2024, Thursday

📍 Beijing International Convention Center, Room 307#

The Korean Water Resources Corporation (K-water), the Asia Water Council (AWC), and the International Water Resources Association (IWRA) have developed the Smart Water City (SWC) Certification Schemes and Technical Implementation Platforms, which can serve as a valuable tool for evaluating the status of water in cities and the measures in place for managing water resources. This novel and innovative instrument has the potential to contribute to facilitating the integrated and smart urban water management of cities around the world. It offers a comprehensive evaluation of a city's water status and the technical and governance measures in place for resource management. The technical pillar investigates the infrastructures and innovations throughout the urban water cycle, while the governance pillar assesses the institutions, regulations, and stakeholders responsible for organizing urban water resources. As well, K-water has developed the technical implementation platforms linking with the SWC certification schemes in order to adopt and design the priority projects in line with the technical readiness levels considering the current infrastructures and IoT systems, and financial and technical capacities in a city and country.

This session aims to equip city planners, policymakers, and stakeholders with the knowledge to develop and manage sustainable, resilient, and smart urban water system. It will provide a comprehensive insight into the SWC initiative, focusing on global certification process, key performance indicators, evaluation guidelines, pilot results of the SWC certification schemes, as well as insights from the technical implementation platforms. In addition, this session will invite experts and officials from international entities such as the OECD, ADB, AfDB, AWWA as a panel to get feedback and possibility as an evaluation criteria and technical implementation guidance for the smart water city.

SUB-THEME:

ORGANIZER(S): Korea Water Resources Corporation (K-water); International Water Resources Association (IWRA); Asia Water Council (AWC)

SUPPORTER(S):

PROGRAM

10:30-10:35	Opening	Moderator: Liong, Shie-Yui (AWC)
10:30-10:35	Introduction of speakers and panels	Dr. Liong, Shie-Yui (AWC): Honorary Member, Asia Water Council
10:35-11:55	Speeches and discussion	Moderator: Liong, Shie-Yui (AWC)
10:35-10:45	Presentation: Overview of Smart Water City Certification Projects	Mr. Ignacio Deregibus (IWRA): Deputy Executive Director, Executive Office Team, International Water Resources Association
10:45-11:00	Presentation: Smart Water Cities Key Performance Indicators: Governance Pillar	Mr. Callum Clench (IWRA): Executive Director, International Water Resources Association
11:00-11:15	Presentation: Smart Water Cities Key Performance Indicators: Technical Pillar	Dr. Junghwan Lee (K-water): Senior Researcher, K-water Research Institute, Korean Water Resources Corporation
11:15-11:35	Presentation: Smart Water Cities: Technical Solution Platforms	Dr. Suhyung Jang (K-water): Head Researcher, K-water Research Institute, Korean Water Resources Corporation
11:35-11:55	Panel feedbacks	<p>Ms. Tremolet Sophie (OECD): Water Team Leader, Environment/Climate Biodiversity Water Division, Organisation for Economic Co-operation and Development</p> <p>Dr. Yuxuan Zhao (ADB): Senior Investment Officer, Asian Development Bank</p> <p>Mr. Mtchera Chirwa (AfDB): Acting Director, Water Development and Sanitation Department, Asian Development Bank</p> <p>Dr. John Albert (AWWA): Deputy CEO, American Water Works Association</p>
11:55-12:00	Conclusion	Moderator: Liong, Shie-Yui (AWC)
11:55-12:00	Closing remarks	Dr. Liong, Shie-Yui (AWC): Honorary Member, Asia Water Council

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