



ASEAN AUSTRALIA SMART CITIES WEBINAR SERIES PART 4:

INTELLIGENT WATER MANAGEMENT SYSTEMS USING IOT AND AI

ORGANIZED WITH THE ADB WATER SECTOR GROUP

3 NOVEMBER 2020, 1:00 - 2:00 P.M. (GMT +8)
VIA ZOOM (PRIOR REGISTRATION REQUIRED)

ABOUT THE WEBINAR

As cities continue to grow, so does the demand for clean water. This presents a huge challenge for water utilities in developing countries, who are already dealing with aging water network infrastructure and other maintenance issues. This emphasizes the need to implement a sustainable water management system to optimize the operational efficiency of water utilities while enhancing service delivery to customers. Upgrading water supply systems must be a cross-sectoral effort aligning urban growth with growth of the water supply capacity.

Data-driven intelligent applications can help create an integrated smart water management solution that monitors various assets, water quality and supply data in real-time. Cloud-based platforms communicate with smart sensors installed throughout the water transmission and distribution network, providing much needed analytics and insights that allow water utilities to make informed decisions regarding water quality, leakages, demand forecasting, and system maintenance. This webinar will explore how artificial intelligence (AI) algorithms, the internet of things (IOT), and big data are being used to enhance resilience and improve asset management of water utilities by way of real-time dynamic monitoring and control systems. Panelists will also share the benefits provided by these smart water management solutions, along with best practices and specific use cases.

SPEAKERS



ANDREA FAULKNER
Australian Ambassador to the
Republic of the Union of Myanmar
Opening remarks



FANG CHEN
Distinguished Professor,
Executive Director Data Science,
University of Technology Sydney



ROBIN SCHLENGA
Senior Data Scientist,
Ramboll Management Consulting



MOH TIENG LIANG
Deputy Director
(Industry Collaboration),
PUB, Singapore's National Water
Agency



JELLE BEEKMA
Senior Water Resources Specialist,
ADB
Moderator

ABOUT THE ASEAN AUSTRALIA SMART CITIES TRUST FUND

The ASEAN Australia Smart Cities Trust Fund (AASCTF) assists ASEAN cities in enhancing their planning systems, service delivery, and financial management by developing and testing appropriate digital solutions and systems.