



Business Forums 2016 Smart Water Forum

“Managing our Water Loop Intelligently”

Synopsis

The Smart Water Forum focuses on technologies involving the real-time collection, processing, analysis and action upon data collected. Hear case studies from global water technology adopters and service providers, their experience in using these technologies, and how it has resulted in greater efficiency in water resource management, particularly in key areas such as operations, planning and service delivery. Sessions cover the entire water loop – from Watershed Management, to Water Treatment, to Water Distribution Networks, and finally on Cyber Security.

Programme

SMART WATER FORUM	
Time	Description
2.00pm	Welcome Address and Introduction Mr Michael Toh , Director, Water Supply (Network), PUB, Singapore’s National Water Agency
Session 1: Smart Watershed Management Moderated by Ms Jay Iyengar , Chief Innovation & Technology Officer, Xylem Inc.	
2.10pm	This session will explore case studies in the area of real-time water quality monitoring in catchments, urban flood monitoring and storm water management, including how these smart watershed management strategies can unlock value for customers. Mr Michiel van Haersma Buma , Chairman, Delfland Region Authority Additional Material - To Download
Session 2: Smart Water Treatment Moderated by Dr. Russell Young , Global Chief Technology Officer, Hach	
2.55pm	This session will discuss the benefits of data-analytics to make better, smart decisions and control points, including tighter process controls to give benefits in the plant process yet maximise yield returns. Dr Nick Mills , Head of Wastewater Innovation, Thames Water
3.40pm	Managing the Water Distribution Network with a Smart Water Grid Mr Michael Toh , Director, Water Supply (Network), PUB, Singapore’s National Water Agency Additional Material - To Download
Session 3: Smart Water Distribution Networks Moderated by Mr Thomas Perianu , Senior Vice President (Smart Water), Suez	
3.50pm	This session will cover Advanced Metering Infrastructure & explore the power of “Advanced Solutions” for water networks – to protect water resource, improve operational efficiency of water systems and service-quality to constituents, whilst optimizing capital and operational expenditures. Mr Luke Pace , Mechanical Engineer, Malta Water Services Corporation Additional Material - To Download Mr Jacky Lei , Senior Operations Manager, Macao Water Supply Additional Material - To Download
Session 4: Smart Security Moderated by Ms Shannon Spence , Vice President, Arcadis	

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Additional Material - To Download	
4.35pm	<p>This session will discuss the importance, vulnerability and implications for cyber security and our operations. Case study presentation will demonstrate the need to have clear segregation in areas such as the operations and business networks, and between the control water systems and IT departments.</p> <p>Mr Alberto Lazaro, Executive President, Puerto Rico Aqueduct and Sewer Authority</p>
5.20pm	Networking
5.30pm	End

Programme updated as of 5 July 2016. Please check out this website for the latest updates.

Speakers



Ms Shannon Spence

Vice President

Arcadis



Mr Michiel van Haersma Buma

Chairman

Delfland Region Authority



Dr. Russell Young

Global Chief Technology Officer

Hach

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Mr Jacky Lei

Senior Operations Manager
Macao Water Supply



Mr Luke Pace

Mechanical Engineer
Malta Water Services Corporation,
Malta



Mr Tan Yok Gin

Deputy Chief Executive
(Operations)
PUB, Singapore's National
Water Agency



Mr Michael Toh Hock

Director, Water Supply Network
Department
PUB, Singapore's National Water
Agency



Mr Alberto Lazaro

Executive President
Puerto Rico Aqueduct and Sewer
Authority



Mr Thomas Perianu

Senior Vice President, Smart
Water
SUEZ

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Ms Jay Iyengar

Chief Innovation & Technology Officer
Xylem Inc



Dr Nick Mills

Head of Wastewater Innovation
Thames Water
