

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	
	Smart Watershed Management 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	
	Smart Water Treatment by Dr. Russell Young, Global Chief Technology Officer, Hach	
	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.	
2.55pm	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	
	Smart Water Distribution Networks by Mr Thomas Perianu, Senior Vice President (Smart Water), Suez	
	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.	
3.50pm	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	
	Smart Security by Ms Shannon Spence, Vice President, Arcadis	



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Additional Material - <u>To Download</u>		
4.35pm	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. Mr Alberto Lazaro, Executive President, Puerto Rico Aqueduct and Sewer Authority	
5.20pm	Networking	
5.30pm	End	

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

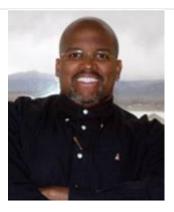
Speakers



Ms Shannon Spence
Vice President
Arcadis



Mr Michiel van Haersma Buma Chairman Delfland Region Authority



Dr. Russell YoungGlobal Chief Technology
Officer
Hach



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Mr Jacky Lei
Senior Operations Manager
Macao Water Supply



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



Executive President

Puerto Rico Aqueduct and Sewer
Authority

Mr Alberto Lazaro



Mr Thomas Perianu
Senior Vice President, Smart
Water
SUEZ



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Ms Jay Iyengar
Chief Innovation & Technology Officer
Xylem Inc



Dr Nick MillsHead of Wastewater Innovation
Thames Water