



FOCUS

With ever more stringent regulatory demands and the continual increase in customer expectations, water utilities the world over are under pressure to deliver far higher levels of service than ever before whilst maintaining charges at or below inflation. Advances in Smart Network technologies on their own can only go part of the way to helping Water Utilities offer to customers higher quality and more resilient supplies. The full value in remote sensing can only be realised where its use is optimised as part of a wider integrated asset management strategy. Selecting the most effective combination of sensors, distributed on the right assets for the right reasons requires careful consideration, supported by robust base-lining and assessment of the key attributes of the network in a quantitative and scientific manner.

WORKSHOP OBJECTIVES

Full spectrum asset profiling is the integrated analysis of all aspects of asset performance including criticality, resilience, damage impact potential and integrity. Such integrated analysis enables effective, targeted and efficient investment, and results in overall optimisation of asset performance. This one-day workshop will provide delegates with an introduction to these components of full spectrum asset profiling and how this approach is playing a key role in optimising asset performance, investment and risk. Informative presentations will be combined with interactive sessions to enable delegates to not only understand the principles of asset profiling but also how they can be applied successfully in unique business environments.

THE SPEAKER

Mr. Ross Fisher is currently Water Strategy Technical Leader, Scottish Water – The national water company of Scotland, and the largest geographic Water Company in the UK. With over 15 years' experience of technical consultancy and project delivery within the UK water industry, Ross has pioneered the concept of full spectrum asset profiling to optimise water network performance and help ensure that asset owners make the right investments in the right place at the right time. Ross and his team have successfully developed and implemented an industry leading asset management strategy, enabling Scottish Water to achieve significant gains in targeted TotEx investment and risk management.

TARGET PARTICIPANTS

Utility professionals responsible for the management of large asset estates, government agencies, consultants or contractors for whom making the right asset management decisions is critical.

VENUE

Lecture Theatre, 2nd Floor, Block Z, Phase 8,
 The Hong Kong Polytechnic University, Hong Kong.

LANGUAGE

English

COURSE FEES (including 2 coffee breaks and lunch)

HK\$2,900 for CHKSTT members / HK\$3,200 for non-members

Early bird discounts before 30 April 2016

HK\$2,650 for CHKSTT members / HK\$2,950 for non-members

TABLE BOOTH DISPLAY SPACE

HK\$7,500 (for one day on 15 June 2016)

COURSE PROGRAMME

08:45 – 09:00	Registration
09:00 – 09:15	WELCOME & INTRODUCTIONS <ul style="list-style-type: none"> • Delegate & trainer introductions • Workshop objectives • Programme description
09:15 – 09:45	SESSION 1 – THE ASSET MANAGEMENT JOURNEY <ul style="list-style-type: none"> • Introduction to Scottish Water – the evolution to a national water utility • The things that drive our business decisions • Learning from our past – policies, behaviours & results • How managing our assets more effectively will shape our future
09:45 – 11:00	SESSION 2 – ASSET CRITICALITY PROFILING <ul style="list-style-type: none"> • Translating regulatory drivers, customer views & corporate risk appetite into a quantitative assessment of asset risk and criticality • All Hazard Network Resilience Assessment • Quantifying asset criticality – impact timelines, response and recovery modelling & econometric modelling • Case Study 1
11:00 – 11:15	Coffee Break
11:15 – 12:30	SESSION 3 – ASSET INTEGRITY PROFILING <ul style="list-style-type: none"> • Developing a modern inspection and testing capability to ensure that the best possible outcome is achieved in all asset scenarios • Consistent specification across work streams, skill sets and geographical boundaries • Building powerful data sets to enable enhanced statistical analysis • Efficient and effective delivery of inspection and testing programmes • Case Study 2
12:30 – 14:00	Lunch
14:00 – 15:45	SESSION 4 – INTEGRATED ANALYSIS & INTELLIGENT INTERVENTION <ul style="list-style-type: none"> • Layering criticality, integrity, resilience, water quality & hydraulic performance data • Utilising remote sensing as an integrated solution to: <ul style="list-style-type: none"> ➢ Manage asset Impact – protecting your assets from the public and the public from your assets ➢ Enhancing network resilience ➢ Monitor asset integrity • Supporting presentations: <ul style="list-style-type: none"> ➢ Syrinix- Trunk Main monitoring & reducing leaks & bursts on distribution networks ➢ Noveltis (ESA)- screening and monitoring of water infrastructure using satellite, airborne and advanced image processing technologies. ➢ Pure Technologies – Asset deterioration monitoring
15:45 – 16:00	Coffee Break
16:00 – 17:00	SESSION 5 – CHALLENGES FOR THE FUTURE <ul style="list-style-type: none"> • Discussion and experience sharing on future challenges in optimising and enhancing asset performance
17:00	Close of Workshop

CERTIFICATE OF ATTENDANCE WILL BE PROVIDED

ENQUIRES AND REGISTRATION

Tel : 2368 1565

Fax : 2369 5687

Email : CHKSTT@gmail.com

REGISTRATION FORM

[online registration](#)

Please send your crossed cheque payable to “CHKSTT” together with the following information to :
 Tsimshatsui Post Office Box No. 91499, Kowloon, Hong Kong (Non-refundable)

Name (Dr/Ir/Mr/Ms) : _____ Company : _____ Position : _____

Address : _____

Email : _____ Tel : _____ Fax : _____ Mobile : _____