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SINGAPORE INTERNATIONAL WATER WEEK 2021

THE GLOBAL PLATFORM TO SHARE AND CO-CREATE INNOVATIVE WATER SOLUTIONS

SIWW2021 SPOTLIGHT

 21 June 2021

SIWW2021 ONLINE

 21 June – 2 July 2021

FEATURE NEWS

Singapore International Water Week (SIWW) 2021 Online is less than two weeks away!

Held virtually from 21 June to 2 July, delegates can look forward to a wide gamut of utility and industry-focused content, with emphasis on innovation and solutions spanning end-to-end of the urban water cycle.

SPECIAL FEATURE: [WATER CONVENTION](#)

SIWW's flagship Water Convention brings together professionals, technology providers and researchers to share their knowledge, experiences, case studies and applied solutions to solve global water challenges.

The virtual technical oral and poster sessions provide an opportunity for sharing knowledge, engaging discussions and debates through high quality presentations showcasing sustainable technological solutions, processes and management strategies that address current and emerging water issues.

Over 300 technical papers will be presented under the following themes and sub-themes. Daily oral sessions would be held at 4.00PM and 7.00PM Singapore time, with poster sessions at 6PM. All sessions will remain on platform for viewing till 31 August 2021.

1. [Delivering Water from Source to Tap \(Network\)](#)

- Network planning, design and implementation
- Network asset management
- Smart water grid
- Smart metering

2. [Delivering Water from Source to Tap \(Treatment\)](#)

- Basic and advanced water treatment processes
- Membrane technologies
- Seawater desalination
- Water reuse
- Brackish groundwater treatment
- Digital solutions and artificial intelligence

3. [Effective and Efficient Wastewater Management](#)

- Overall process sustainability and asset management
- Resource recovery
- Process sensing, monitoring and control
- Advanced molecular tools application

4. [Cities of the Future](#)

- Regenerative water services
- Water sensitive urban design
- Basin connected cities
- Water-wise communities

5. [Water Quality and Health](#)

- Water management in a pandemic
- Systems approach to drinking water supply and sanitation services
- Policy, regulatory and institutional frameworks
- Emerging contaminants in water
- Wastewater hazards, risks, treatment and disinfection
- Water quality in distribution systems and buildings

Click [here](#) for Advanced Programme.

[TRAINING COURSE](#)

Co-organised with the Singapore Water Association, a training course on “Smart Water Management Using IOT and AI/Machine Learning” will provide insights into emerging IOT

technologies and how it can be applied to enhance operational efficiency, safety and resilience in the water sector.

Targeted at water utilities who are interested to embark on their own digital transformation journey, course attendees will benefit from actual use cases. Course will take place on 1 & 2 July 2021, from 1.00pm-5.30pm SGT (GMT+8). Separate course fee of SGD\$350 applies.

Don't miss this training course, registration closes on 14 June.

[\[REGISTER NOW\]](#)

UTILITY AND INDUSTRY-FOCUSED CONTENT LINE-UP AT SIWW2021 ONLINE

[SIWW2021 SPOTLIGHT](#) (21 JUNE 2021)

Session 1- 9.30am - 11.30am SGT (GMT+8)

Opening Address by Singapore Minister for Sustainability and the Environment, Ms Grace Fu



Plenary 1: Fostering Innovation and Collaboration: Overcoming Challenges for Water Sustainability

Speakers:



Peter Ng Joo Hee
Chief Executive,
PUB, Singapore's
National Water
Agency



Steve Demetriou
Chairman and
Chief Executive
Officer, Jacobs



Patrick Decker
President and Chief Executive
Officer, Xylem



Alan Ryder
Founder and
Chief Executive
Officer, RSK
Group



HP Nanda
Global Vice
President and
General Manager,
DuPont Water
Solutions



Tan Cheng Guan
Executive Vice
President and
Head, Group
Centre of
Excellence,
Sembcorp
Industries



Bambang Susantono
Vice-President (Knowledge
Management and Sustainable
Development), Asian Development
Bank



Jennifer J. Sara
Global Director,
Water Global
Practice, World
Bank Group

Moderator:



Sharad Somani
Asia Pacific Head of
Infrastructure, KPMG

Session 2- 3.00PM – 4.45PM SGT (GMT+8)

Plenary 2: Riding the Wave: Ensuring Security Against Climate Uncertainties

Speakers:



Ahmed Aboutaleb
Mayor, City of
Rotterdam



Chew Men Leong
President, Urban
Solutions, ST
Engineering



Steve Clark
Chief Executive Officer,
Suez Asia



Tan Boon Leng
Managing Director,
Project
Development and
Corporate Office,
Keppel
Infrastructure
Holdings Pte Ltd



Carlos Cosín Fernández
Chief Executive Officer, Almar Water Solutions and President, International Desalination Association



Professor Hamanth C Kasan
General Manager (Scientific Services), Rand Water, and Vice President, International Water Association



Richard Threlfall
Partner, Global Head of KPMG IMPACT and Infrastructure, KPMG

Moderator:



Scott Dunn
Vice President, Strategy & Growth, Asia, AECOM

Session 3 - In Conversation with Singapore's Deputy Prime Minister Mr Heng Swee Keat
5:00PM - 6:15PM SGT (GMT+8)

Speaker:

Moderator:



Heng Swee Keat
Singapore's Deputy Prime
Minister and Coordinating
Minister for Economic Policies



Ong Keng Yong
Executive Deputy Chairman,
S Rajaratnam School of International
Studies

THEMATIC

WEBINARS

Click [here](#) for full listing and programme schedule

TW.3 **Digital** **Water** **Hackathon** - **DemoDay@SIWW**
23 June 2021 (Wednesday), 2.00pm-3.30pm SGT (GMT+8)
Co-organisers: Ripple2Wave, Singapore University of Social Sciences
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***TW.4** **Celebrating** **Women** **in** **Engineering**
23 June 2021 (Wednesday), 2.00pm-3.30pm SGT (GMT+8)
Co-organiser: Jacobs

Held to celebrate International Women in Engineering Day, outstanding female engineers will share challenges and highlights of their engineering career, how they made their mark in the water industry and how they are contributing to build a more sustainable water future.
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***TW.7** **A** **Career** **in** **the** **Water** **Profession**
24 June 2021 (Thursday), 2.00pm-3.30pm SGT (GMT+8)
Co-organisers: Environmental Engineering Society of Singapore (EESS), National University of Singapore

Targeted at youths and students, this session will highlight new and exciting developments in the water industry beyond traditional engineering fields, and demonstrate why this is an exciting time to work in the profession. Hear from our keynote speaker and a panel of successful young

water professionals who will share highlights of their career journey in water.
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TW.14 Singapore Water Exchange (SgWX) Water Utilities Series: Uncovering Water Opportunities in Bangladesh
30 June 2021 (Tuesday), 2.00pm-3.30pm SGT (GMT+8)
Co-organisers: PUB, Singapore's National Water Agency and Singapore Water Association
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***TW.17 ABC Waters - Embracing Sustainable Blue-Green Solutions for Urban Cities**
Organised as part of the Urban Sustainability R&D e-Symposia
1 July 2021 (Thursday), 7.00pm-9.00pm SGT (GMT+8)
Co-organisers: The Institution of Engineers, Singapore, and PUB, Singapore's National Water Agency



(Photo courtesy of Keppel)

Join us in this seminar as we discuss how Active, Beautiful, Clean Waters (ABC Waters) Design concepts are brought to life from design to construction. Awardees of the ABC Waters Certificate (Gold) will also be sharing on how they have managed to successfully integrate the blue and the green into their urban designs.
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TW.20 IDA Desalination and Water Reuse Business Forum
29 June 2021 (Tuesday), 9.00pm-10.30pm SGT (GMT+8)
Co-organiser: International Desalination Association
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GREEN TALKS – Virtual Denmark-Singapore Dialogue on Water Resource Recovery
25 June 2021 (Friday), 2.00pm – 3.30pm SGT (GMT+8)
Denmark and Singapore inked a five-year environmental collaboration agreement (MoU), including water, in February 2020. This session will cover all things water resource recovery related with the event splitting into dual panel debates led by professionals from both countries.

Separate registration required. Find out more [here](#).

**Denotes free-to-air content, available to trade visitors.*

Click [here](#) for full listing and programme schedule

I2P.1 The Journey of Innovation Implementation: Ceramic Membrane Microfiltration for Surface Water Treatment

22 June 2021 (Tuesday), 6.00pm-7.00pm SGT (GMT+8)

Co-organiser:



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I2P.2 Digital Blueprint for Water Utility Companies – Data Driven Decision Making

22 June 2021 (Tuesday), 7.30pm-8.30pm SGT (GMT+8)

Co-organiser:



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I2P.3 Building Water Resilience with Membrane Technology – Urban and Industrial Applications

23 June 2021 (Wednesday), 9.00pm-10.00pm SGT (GMT+8)

Co-organiser:



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I2P.12 Innovative Tools and Resources for Selecting City Sanitation Systems

29 June 2021 (Tuesday), 2.30pm-3.30pm SGT (GMT+8)

Co-organiser:



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I2P.15 Smart Circular Water and Resources Solutions
30 June 2021 (Wednesday), 4.00pm-5.00pm SGT (GMT+8)

Co-organiser:



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I2P.22 Technological Solutions for Early Warning of Water Quality
30 June 2021 (Wednesday), 7.00pm-8.00pm SGT (GMT+8)

Co-organiser:



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I2P.20 Beyond the Buzz: Demystifying Smart Water
1 July 2021 (Thursday), 4.00pm-5.30pm SGT (GMT+8)

Co-organiser:



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I2P.21 Smart Water Safety Technologies for Augmented Capabilities and Performance: Case Studies from Singapore and China
2 July 2021 (Friday), 2.00pm-3.00pm SGT (GMT+8)

Co-organiser:



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PRODUCT/ TECHNOLOGY SHOWCASES

Click [here](#) for full listing and programme schedule

***PS1 Advancing Water Sustainability with Innovations**
22 June 2021 (Tuesday), 2.30pm-3.30pm SGT (GMT+8)

Company Name: DuPont

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***PS4 One Size Does Not Fit All: Balancing Membrane Life and Cost with the Right Hollow Fiber Technology**
22 June 2021 (Tuesday), 9.00pm-10.00pm SGT (GMT+8)

Company Name: Memstar

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***PS5 Ecosystem Efficiencies - Delivering Value by Digitising the Water Utility**
22 June 2021 (Tuesday), 9.00pm-10.00pm SGT (GMT+8)

Company Name: Binnies

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***PS8 Addressing Industrial Water Challenges with Aquaporin Inside® Forward Osmosis Technology**
23 June 2021 (Wednesday), 2.30pm-3.30pm SGT (GMT+8)

Company Name: Aquaporin

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***PS11 Sustainable Water Solutions: Performance Achieved Across Industries**
24 June 2021 (Thursday), 2.30pm-3.30pm (SGT) (GMT +8)

Co-organisers:



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***PS12 Invest in Future-proof and Proven Water Treatment Innovations: PWNT Presents its Core Technologies Offering Sustainability, Long-term Reliability and Low Life-cycle Costs**
24 June 2021 (Thursday), 2.30pm-3.30pm SGT (GMT+8)

Company Name: PWNT-Metawater

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***PS13 ATG™ UV Wafer™ Unit: The World's Most Compact Medium Pressure UV System will Benefit Municipal Drinking Water Plants Especially where Space is Restricted**
24 June 2021 (Thursday), 2.30pm-3.30pm SGT (GMT+8)

Company Name: Evoqua Water Technologies

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***PS14 How VuLink Telemetry Revolutionises Remote Water Data Collection for Environmental and Process Applications**
25 June 2021 (Friday), 1.00pm-2.00pm SGT (GMT+8)

Company Name: In-Situ

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***PS15 Optimising Energy Efficiency in Wastewater Treatment Plant**
25 June 2021 (Friday), 1.00pm-2.00pm SGT (GMT+8)

Company Name: Aerzen Asia

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***PS16 Centrifuge Decanter ALDEC G3 VecFlow for Sludge Thickening & Dewatering**
25 June 2021 (Friday), 2.30pm-3.30pm SGT (GMT+8)

Company Name: Alfa Laval

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***PS17 Danfoss Energy Efficient & Sustainable Solutions in Water & Wastewater Treatment Plants**

25 June 2021 (Friday), 2.30pm-3.30pm SGT (GMT+8)

Company Name: Danfoss

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