

NEWSLETTER OF THE SINGAPORE WATER ASSOCIATION

BRINGING
A NEW VIBRANCY
TO SINGAPORE'S
GROWING
WATER INDUSTRY



Due to international travel restrictions, Singapore International Water Week 2021 (SIWW2021) took place as a fully virtual event from 21 Jun-2 Jul 2021. This online event was attended by almost 5,000 water leaders and experts from 91 countries and regions, featured 125 sessions covering themes that span the entire urban water cycle, alongside a virtual expo with 124 international exhibitors and six participating pavilions.

As a strategic partner, the Singapore Water Association (SWA) organised the Singapore Pavilion at the virtual expo with 17 participating SWA member companies. Chew Men Leong, president, and Tan Cheng Guan, immediate past president of SWA, also participated as virtual panel members during the two high-level plenaries at SIWW2021 Spotlight on 21 Jun 2021. SWA also co-organised a virtual two-day training programme with SIWW on the topic *Smart Water Management Using IoT and AI/ Machine Learning* during the event.

SIWW2022 will be held next year from 17-21 Apr 2022 at the Sands Expo and Convention Centre. As the organiser of the Singapore Pavilion at the Water Expo, SWA invites our members to sign up for your choice booth at the Pavilion early. The Pavilion is currently 80% booked. Lead IFM funding is available for participating exhibitors.

To stay connected on the latest updates on SIWW, visit www.siww.com.sg, or follow SIWW on LinkedIn.

[Webinar] Membrane Aerated Biofilm Reactor (MABR) Smart-Product-Solutions

Jointly organised with Fluence Corporation

3 Jun 2021, Complimentary, Webex



WEBINAR Membrane Aerated Biofilm Reactor (MABR) Smart-Product-Solutions

Gilad Yogev, senior product manager of MABR products at Fluence Corporation, shared with 75 attendees on Fluence's MABR technology to treat the wastewater in a more efficient and cost-effective way by innovative aeration process, including nitrification and denitrification. Fluence has not only owned wide-range of MABR configurations, they would also like to share the experience on many MABR-based wastewater treatment projects in China, US, Israel, Europe, South East Asia, and more.

Co-Organised by

Thursday
SGT: 3:00 pm
GMT: +8:00

Time (SGT)	Agenda	Presented by
3:00 pm	Opening & Housekeeping	Singapore Water Association
3:05pm	Welcome Address	Ms. Carol Huang Marketing Manager of Fluence Asia
3:15pm	Membrane Aerated Biofilm Reactor (MABR) <i>Smart-Product-Solutions</i>	Mr. Gilad Yogev Senior Product Manager of MABR Products at Fluence Corporation
3:45pm	Q & A	Fluence Corp
3:55pm	Closing	Singapore Water Association

[Live] Sharing on PUB's R&D Focus Areas and Upcoming Initiatives

10 Jun 2021, Complimentary, Webex

The sharing session by Gu Yan, division head of tech scanning and partnership, tech department, PUB, shed light with 116 attendees on PUB's Technology Roadmaps, the new R&D focus areas including waste reduction and resource recovery, and decarbonisation; and upcoming initiatives in sourcing innovation and partnerships, such as upcoming grant calls, and global innovation challenges.

10th June, 2021, Thursday 3.00pm to 4.00pm SGT
EXCLUSIVE TO SWA MEMBERS ONLY

Sharing on PUB's R&D Focus Areas and Upcoming Initiatives

[Webinar] IWA & SWA – Sustainable Water Solutions: Efficiency in Wastewater Treatment Technologies

Jointly organised with International Water Association

16 Jun 2021, Complimentary, Webex

Singapore Water Association (SWA) and International Water Association (IWA) co-organised webinar *Sustainable Water Solutions: Efficiency in Wastewater Treatment Technologies* on 16 Jun 2021 was attended by more than 90 participants. Vivien Seong, executive director for SWA, gave an overview of SWA activities while Dr Li Hong, Asia and Oceania regional director of IWA, presented IWA updates followed by technology presentations by Mattenplant, Century Waters, Soutech Technology, and Marche Polytechnic University.

Sustainable Water Solutions: Efficiency in Waste Water Treatment Technologies

Scan/Click to Register

Time (SGT)	Agenda
3:00 pm	Opening & Housekeeping by SWA
3:05pm	Welcome Address by SWA
3:10pm	Welcome Address by IWA
3:15pm	Sharing by Mattenplant Pte Ltd (Singapore)
3:25pm	Sharing by Century Water Systems & Technologies Pte Ltd (Singapore)
3:35pm	Sharing by Soutech Technology Development Group (China)
3:45pm	Sharing by Marche Polytechnic University (Italy)
3:55pm	Q & A
4:10pm	Closing by SWA

Co-Organised by:

16th June '21
SGT: 3:00pm
GMT: +8:00

Presenting Companies:

SWA Industrial Water Series: NIKE Water Programme

Jointly organised with Nike Inc, Singapore

9 Jul 2021, Complimentary, Webex

To explore water opportunities in industrial projects, Singapore Water Association (SWA) hosted a sharing session by Nike Singapore on Friday, 9 Jul 2021, at 3pm. Paul Tan, water deployment director at Nike Singapore, shared on Nike Water Programme and partnering opportunities. Tan has more than 25 years of working experience in the area of water management providing managerial, technical, strategic direction in water and wastewater treatment globally across different industries.



The poster features the SWA logo at the top left. The main title is 'NIKE Water Program' in large orange and white text. Below it, the date and time are listed: '09th July 2021, Friday' and '3.00pm to 4.00pm SGT'. A QR code is in the top right corner with the text 'CLICK / SCAN' and 'enquiry@swa.org.sg T: 6515 0812'. A small photo of Mr. Paul Tan is on the left, with text: '(Presented by) Nike Inc., Singapore' and 'Speaker: Mr Paul Tan, Water Deployment Director, Responsible Sourcing and Manufacturing'. At the bottom right, it says 'exclusive for SWA MEMBERS & SGWX TENANTS' and '[Supported By] OPUB SINGAPORE WATER EXCHANGE'.

SWA/SgWX Water Utilities Series: Severn Trent, UK: Overcoming Climate Change and Net Zero Challenges

27 Jul 2021, Complimentary, Webex



The poster has the OPUB logo at the top left. It says 'ONLINE' in a blue box. Below that, 'Singapore Water Exchange (SgWX) Water Utilities Series'. The main title is 'Severn Trent : Overcoming Climate Change and Net Zero Challenges'. On the right is a photo of a dam with a river. At the bottom right of the photo, it says 'Cleveland Reservoir, Llanidloes, UK. Photo Courtesy from Severn Trent Water.'

The 8th edition of SgWX Water Utilities Series on 27 Jul 2021 was moderated by Robin Wong, council member of SWA and regional director of Royal Haskoning DHV. Providing water and wastewater services to eight million people in the UK, Severn Trent is focused on the challenges of climate change and the ambition to reach Carbon Net Zero by 2030. This webinar introduces Severn Trent, its regulatory context and how its innovation framework addresses these goals. The speakers were Richard Smith, wastewater innovation architect; and Keiron Maher, water innovation architect. Both of them have more than 30 years' experience in the water industry.

SWA Industrial Water Series: Breakfast Talk with Kimberly-Clark: The Water Loop – Towards Water Stewardship and Security

Jointly organised with Kimberly-Clark

29 Jul 2021, Complimentary, Webex

Vetrivel Dhagumudi, global programme leader of Kimberly-Clark, shared on the firm's Water Loupe Programme and its sustainability efforts towards water stewardship and security. Kunal Shah, council member of SWA and managing director of Anaergia, moderated a Q&A session with great insights on water sustainability plans beyond Singapore.



The poster features the SWA logo at the top left. The main title is 'The Water Loop: Towards Water Stewardship and Security'. It says 'SWA Industrial Water Series [Webex LIVE] Breakfast Talk with Kimberly-Clark'. The date and time are '29 July 2021, Thursday 9am-10am SGT' and 'exclusive for SWA MEMBERS & SGWX TENANTS'. At the top right, it says '[Supported By] OPUB SINGAPORE WATER EXCHANGE'. The background is an aerial view of a large industrial facility.

SWA WELCOMES NEW MEMBERS

(joined in May and Jul 2021)

ORDINARY MEMBERS

1. Environmental and Public Health International (Chicago)
2. Hitachi Aqua-Tech Engrg Pte Ltd
3. Ifm Electronic Pte Ltd
4. Rockwell Automation S.E.A. Pte Ltd
5. Wilo (Singapore) Pte Ltd

ASSOCIATE & INSTITUTE

1. Biokube Asia Pacific Pte Ltd
2. IMERYS Aluminates Asia Pacific P/L
3. Nanostone Water Inc. Singapore
4. Republic Polytechnic
5. Shell Chemicals Seraya Pte Ltd
6. SGLab Pte Ltd
7. Tridon Enterprise Pte Ltd

INDIVIDUAL MEMBERS

1. Mr Daniel Martens
2. Ms Yeo Keng Suan

2021 EVENTS CALENDAR

This year will be bustling filled with water shows, networking events, knowledge sharing sessions and webinars. We have an exciting and interesting lined up of water series with PUB, Singapore's national water agency. Download from <https://www.swa.org.sg/2021-events-calendar/>.

INTERESTED TO JOIN SWA?

We welcome all organisations who are actively involved and interested in the water and wastewater industry to join Singapore Water Association as either Ordinary, Associate or Institutional member.

Sign up at <https://www.swa.org.sg/membership/sign-up-online>