

# R&D AND INNOVATION IN THE WATER SECTOR

WEBINAR SERIES

## DRINKING WATER DISTRIBUTION SYSTEMS AND ALTERNATIVE WATER RESOURCES

UK-SG WATER WEBINAR SERIES #1 OF 3

Bringing together academics and industry members from both countries, this water webinar series aims to address problems relating to the water cycle, from source to tap, and expound on the innovations that have been developed to combat these issues.

In the first of three joint water webinars, this webinar will focus on biofilms in water distribution systems and membrane development for reverse osmosis (RO).

This is a joint event from the National Biofilms Innovation Centre (NBIC), Singapore National Biofilm Consortium (SNBC), Singapore Membrane Consortium (SGMEM) and Singapore Centre for Environmental Life Sciences Engineering (SCELSSE).

### Who should attend?

Academic and water industry members from both Singapore and the UK, also industry members who are interested in translating their technology into the water sector and wish to learn more about the problems they face and what any potential solution would have to look like.

### Why attend?

This event will give a snapshot into the issues caused by biofilms in water distribution and the research that has been carried out to combat them. There will be opportunities to ask the speakers questions and follow up with additional networking after the event. The second webinar of this series will focused on wastewater treatment, while the third will be on reservoir management. Attendance of all three events will give a good level of understanding to those new to the sector.

### Benefits

Delegates will:

- Understand how research & innovation in the water sector is evolving in both UK and Singapore;
- Identify strengths and weakness in their products / research;
- Network with leading academics and industry members.

**7 Sep 2021 (Tue)**

**4 – 5.30PM (GMT+8), 9 – 10:30AM (UK)**

Visit the Eventbrite page <https://bit.ly/3iWZB1e> to sign up.



Singapore Speakers



#### Prof Rong Wang

Director at the Singapore Membrane Technology Centre (SMTTC), NEWRI

**Title:** Development of novel biomimetic RO hollow fibre membranes without aquaporin - from lab study toward commercialization



#### Dr Cheng Dan

Senior Research Fellow at SCELSSE

**Title:** Monitoring and managing biofilms in water distribution networks

UK Speakers

#### Stuart Knott

Innovation Project Manager at Anglian Water

**Title:** An overview of biofilm issues in Anglian Water's water distribution systems

#### Representative

Sheffield Water Centre (SWC) at the University of Sheffield

**Title:** An overview of SWC's biofilms research and how it can be applied in real world settings

### WEBINAR 2

#### INNOVATION IN WASTEWATER TREATMENT

DATE: 12 OCT 2021

TIME: 4 – 5:30PM (GMT+8)

### WEBINAR 3

#### RESERVOIR MANAGEMENT AND WATER CYCLE

DATE: 28 OCT 2021

TIME: 4 – 5:30PM (GMT+8)

Please note: : By signing up for this event, you are agreeing to the National Biofilms Innovation Centre sharing your personal details with joint organisers SCELSSE, SNBC and SGMEM.

Jointly organised by:

