

# 7<sup>TH</sup> INTERNATIONAL CONFERENCE ON DESALINATION SCIENCE AND TECHNOLOGY (DESAL 2025)

16-19  
NOVEMBER  
2025  
FLORIDA  
USA

## Book your place at DESAL 2025

Join international delegates at DESAL 2025 to discuss the latest research findings and perspectives on desalination, water reuse and treatment and related techniques.

### TOPICS INCLUDE:

- Design, technical, economic and regulatory analyses of full-scale plants
- Energy consumption and energy recovery
- Environmental issues related to desalination
- Hybrid desalination processes
- Membrane desalination processes
- New membrane/material and the impact on desalination performance
- Performance aspects, including causes, consequences and countermeasures of fouling and scaling
- Related systems to desalination such as pre-treatment, post-treatment, brine disposal, and integrated plants
- Renewable energy applications in desalination
- Thermal desalination processes
- Transport and process modeling in desalination
- Electrodialysis desalination process
- Novel desalination technologies and processes
- Recovery of resources from brines and issues related to brine mining
- Resource recovery for a circular economy in water reuse and desalination
- Emerging contaminants using desalination membranes and technologies

Still time to present: Poster abstracts invited by 1 November 2025

### CONFERENCE CHAIRS

**Amy Childress**, *University of Southern California, USA*

**Qilin Li**, *Rice University, USA*

**Hokyong Shon**, *University of Technology Sydney, Australia*

**Nikolay Voutchkov**, *NEOM, Saudi Arabia*

**Rong Wang**, *Nanyang Technological University, Singapore*

### PLENARY SPEAKERS INCLUDE:

**Menachem Elimelech**, *Rice University, USA*

**Christopher Gasson**, *Global Water Intelligence, UK*

**Sandra Kentish**, *University of Melbourne, Australia*

**Sangho Lee**, *Kookmin University, South Korea*

**Shannon McCarthy**, *International Desalination and Reuse Association, USA*

### KEYNOTE SPEAKERS

**Alicia An**, *The Hong Kong University of Science and Technology, Hong Kong China*

**Mikel Duke**, *Victoria University, Australia*

**Steve Duranceau**, *University of Central Florida, USA*

**Norredine Ghaffour**, *KAUST, Saudi Arabia*

**Tao He**, *Shanghai Advanced Research Institute, Chinese Academy of Sciences, China*

**Eric Hoek**, *University of California, Los Angeles, USA*

**Shihong Lin**, *Vanderbilt University, USA*

**Khaled Mahmoud**, *Hamad Bin Khalifa University, Qatar*

**Baoxia Mi**, *University of California, Berkeley, USA*

**Tom Pankratz**, *Global Water Intelligence, UK*

**Chuyang Tang**, *The University of Hong Kong, Hong Kong China*

**Zhiwei Wang**, *Tongji University, China*

**Ngai Yin Yip**, *Columbia University, USA*

POST-CONFERENCE  
TECHNICAL TOURS:  
20 Nov 2025

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