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Society



Desalination for the Environment

Clean Water and Energy

22–26 May 2023, Parklane Hotel
Limassol, Cyprus



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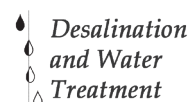
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FOREWORD

This special issue of *Desalination and Water Treatment journal* is devoted to the International Conference on Desalination for the Environment: Clean Water and Energy organized by the European Desalination Society and held in Limassol, Cyprus from 22nd to 26th of May 2023.

This conference was a huge success. It brought together about 300 participants from all over the world – research scientists, decision makers, managers, design engineers and operators from water companies, industries, government departments, consulting firms, research institutes and universities.

The technical programme included 32 sessions which overviewed the most recent developments in desalination technology: Sustainability: Economic, social and environmental issues; Thermal systems and cogeneration/ultrapure water production; Brine mining and valorization, brine concentration; Brine management and recovery; Seawater reverse osmosis desalination, plants operation and performance; Electrodialysis/ Electrodialysis reversal; Fouling, Biofouling; Pretreatment, post-treatment, filtration; Forward osmosis, Nanofiltration; Reverse osmosis, Membrane processes/ membranes for water treatment; Renewable energy powered desalination/desalination technologies; Membrane distillation; Energy recovery/Energy consumption/Energy; Novel materials, processes and applications; Wastewater treatment and reuse; Contaminant removal; Offshore desalination and hydrogen production; Machine learning and digitization; Modelling/simulation. 138 oral and 27 poster presentations were made.

The programme also included

Workshops

- Circular Desalination: Value Chains and Stability organized by Dimitris Xevgenos
- Innovation Workshop for the Seven Finalists for the Miriam Balaban Innovation Award
- Solar-powered high-recovery groundwater desalination with salt-tolerant crop cultivation for integrated brine management organized by Guillermo Zaragoza, Philip Davies, and Moshe Sagi.

Panel sessions

- Shining a light on Health and Safety Challenges in Desalination Plants
- Keeping It Safe and Security and Sources

Miriam Balaban Outstanding Technical Published Paper and Miriam Balaban Innovation Award (sponsored by ACWA Power) were presented.

The conference was accompanied by a very successful **exhibition** where 30 companies presented their equipment and services in the desalination and wastewater reuse sector.

For more information on the conference please visit <https://congress.edsoc.com/>



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Limassol, Cyprus, 22–26 May 2023*

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