

## Special Issue

# Seawater Desalination and Its Integration into Renewable Energy Systems for Sustainability

### Message from the Guest Editors

This Special Issue focuses on contributions addressing the challenges in seawater desalination and its integration into renewable energy systems. Topics for the Special Issue include, but are not limited to, the innovations and findings of:

- Design of seawater desalination process for renewable energy system integration
- Power generation by desalination;
- Robust desalination methods for flexible power supply under uncertainties;
- Energy–exergy–economics analysis of enhancement in materials for desalination processes;
- Optimal planning and operation of renewable energy systems considering seawater desalination
- Optimization techniques;
- Joint operation of energy storage components and seawater desalination;
- Co-ordination of renewable energy sources and seawater desalination;
- Combination of seawater desalination with other industrial processes (e.g., food nexus, hydrogen production)

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### Guest Editors

Dr. Bowen Zhou

College of Information Science and Engineering, Northeastern University, Shenyang 110819, China

Dr. Guangdi Li

College of Information Science and Engineering, Northeastern University, Shenyang 110819, Liaoning, China

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### Deadline for manuscript submissions

closed (20 March 2024)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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