



Sustainable Desalination and Wastewater Treatment: A Way Forward for Water, Energy, and Environment Security Nexus

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Message from the Guest Editors

This Special Issue of *Sustainability* aims to allow researchers to exchange their novel ideas, technical innovations, and research outcomes related to the design, analysis, and development of novel desalination and wastewater treatment technologies and present the impacts on sustainable development.

Keywords

- advanced desalination systems
- wastewater treatment and reclamation
- environmental impacts
- zero-liquid discharge
- brine management
- socioeconomic issues
- renewable energy-powered membrane systems
- valuable resource recovery
- nutrient and energy recovery
- hybrid configurations
- emerging contaminants
- membrane fouling
- water-energy-environment nexus
- membrane fabrication





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Message from the Editor-in-Chief

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