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Advances in Research on Renewable Energy Technologies Integrated with Desalination Systems

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Message from the Guest Editors

Dear Colleagues,

The Special Issue focuses on the crucial intersection of renewable energy technologies and water desalination processes. This emerging field aims to address two pressing global challenges simultaneously: the growing demand for clean water and the need to transition towards sustainable energy sources.

This Special Issue aims to showcase cutting-edge research that explores the technical advancements, innovations, and challenges in integrating renewable energy technologies with desalination systems. It invites research paper submissions that explore the design, material development and characterization, performance evaluation, comparative analysis, optimization, and real-world implementation of such integrated systems. Ultimately, this collaboration between renewable energy and desalination holds great potential to ensure access to clean water while contributing to a sustainable and greener future. Researchers are encouraged to submit their work to contribute to the collective knowledge at the nexus of water and energy.



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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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