Special Issue

Advances in Energy Recovery and Waste Management for Sustainable Development

Message from the Guest Editor

This Special Issue delves into the challenges and opportunities presented by growing global waste generation and energy demands, offering insights into the latest advancements in the development and application of sustainable solutions for waste management and energy recovery. This Special Issue seeks to include, but is not limited to, the following research topics:

- Waste-to-energy;
- Circular economy and sustainable waste management;
- Energy recovery;
- Innovative waste management systems;
- Environmental impact assessments;
- Policy and regulatory frameworks;
- Waste heat recovery;
- Energy storage;
- Numerical methods in energy recovery and waste management;
- Management of different types of waste (municipal, industrial, agricultural);
- Decentralised energy systems using local resources;
- Methods for treating hazardous waste;
- Sustainable wastewater treatment methods and technologies.

Guest Editor

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About the Journal

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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