

Special Issue

Renewable Energy and Sustainable Waste Management: Advancements in Green Technologies for a Cleaner Future

Message from the Guest Editors

The scope of this Special Issue encompasses a wide range of topics related to renewable energy and sustainable waste management. We welcome contributions on, but not limited to, the following themes:

- Renewable energy technologies for waste management;
- Waste-to-energy conversion systems;
- Sustainable utilization of biomass waste;
- Circular economy approaches in waste management;
- Life cycle assessment of renewable energy and waste management systems;
- Techno-economic analysis of green technologies in waste management;
- Environmental and social impacts of renewable energy and waste management practices;
- Innovative approaches for waste reduction, recycling, and resource recovery;
- Integration of renewable energy systems with waste management infrastructure;
- Applications of Internet of Things (IoT) in waste management;
- Use of artificial intelligence (AI) and machine learning in waste management processes;
- Blockchain technology for traceability and transparency in waste management systems.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2024)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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