

Special Issue

Waste-to-Energy Technologies for a Sustainable and Net-Zero Emission Future

Message from the Guest Editors

The ever-increasing energy demand and reliance on fossil fuels have led to global climate change and energy insecurity, which cause widespread concern. Therefore, developing sustainably energy from abundant waste for a future of net-zero carbon emissions is timely and appropriate, and is considered a vital solution for environmentally sustainable, economically viable, and non-fossil energy resources. We are pleased to announce a Special Issue on “Waste-to-Energy Technologies for a Sustainable and Net-Zero Emission Future”. In this specific research context, we aim to gather original research papers, reviews, case studies, and technical notes highlighting the up-to-date and state-of-the-art breakthroughs and innovations in the field of waste-to-energy technologies (e.g., hydrothermal liquefaction, electrochemistry, etc.) and green chemistry (e.g., ionic liquid, deep eutectic solvents, etc.). This Special Issue will also include contributions on topics such as energy storage devices and materials, electric vehicles, renewable energy systems, techno-economical assessments, circular economy, and life cycle assessment.

Guest Editors

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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.

Editor-in-Chief

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