

Special Issue

Waste to Wealth: Valorization of Organic Waste to Biofuels and Bioproducts

Message from the Guest Editors

Waste is currently being generated at unprecedented levels. The impending global waste crisis is exacerbated by the inefficient collection and unsafe disposal of waste streams. Moreover, the rapid increase in urbanization and population growth is expected to contribute significantly to rising waste levels. Waste-to-energy and other value-added commodities have gained much attention in recent years. Organic waste streams from agricultural, aquatic, forestry and terrestrial animal origins are particularly suitable for valorisation.

Valorizing these waste streams can help manage waste and reduce greenhouse gas emissions that would otherwise be released and contribute to climate change if the waste was landfilled. This Special Issue aims to present and disseminate the most recent advances on organic waste valorization for biofuel production as well as other bio-based products. Research areas include:

- Biofuel production
- Biorefinery systems
- Waste valorization
- Succinic acid production
- Resource recovery from waste
- Gasification
- Fermentation
- Microbial fuel cells

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Deadline for manuscript submissions

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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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