Special Issue

Recent Advances in Biowaste Treatment—towards a Circular Bioeconomy

Message from the Guest Editors

The fulfilment of current sustainable development goals is based on material and energy efficiency, reduced waste generation and greenhouse gases emissions. Design and adoption of circular economy approaches which account for sourcing, production, consumption, disposal and reuse or recycling of resources is needed to fulfil the criteria of sustainable development.

We are interested in high quality research and critical review articles on the following topics:
- Carbon neutral technologies for treatment of biowaste.
- Bioprocessing of food waste via pure culture/mixed culture fermentation, anaerobic digestion, solid state fermentation, microalgae cultivation into high-value products.
- Renewable energy recovery from food waste and sludge.
- Strategies for composting/vermicomposting, conversion to animal feed etc. using food waste.
- Nutrient recovery and fermentation strategies using sludge.
- Pyrolysis approaches for organic waste treatment.
- Techno-economic and life-cycle assessment of organic waste treatment approaches.
and

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Deadline for manuscript submissions

closed (31 October 2022)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 7.7

mdpi.com/si/87061

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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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