Special Issue

Oriented Biotransformation and Recycling of Organic Waste Cascade Utilization

Message from the Guest Editors

Dear colleague The oriented biotransformation and recycling of organic waste is an innovative approach that aims to maximize resource recovery and minimize environmental impact. This concept involves using biological processes to transform organic waste into valuable products through a cascade utilization strategy. Oriented biotransformation and the recycling of organic waste offer numerous benefits. They reduce reliance on fossil fuels by providing alternative sources of energy, promote the circular economy by transforming waste into valuable products, and help mitigate greenhouse gas emissions by diverting organic waste from landfills. To effectively implement this approach, interdisciplinary collaboration is crucial. Researchers, engineers, policymakers, and waste management professionals must work together to develop efficient bioprocesses, optimize resource recovery, and establish supportive regulatory frameworks. Public awareness and participation are also vital for the success of these initiatives. I look forward to receiving your contributions.

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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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