

Special Issue

Sustainable Waste Process Engineering and Biomass Valorization

Message from the Guest Editors

This Special Issue focuses on advancing innovative approaches to waste management, specifically through the conversion of waste into valuable resources. The key areas of interest include circular economy principles, waste-to-energy technologies, and sustainable biomass utilization. The scope of this Special Issue encompasses engineering solutions, scientific advancements, and policy frameworks for achieving sustainable development goals by minimizing waste and promoting resource efficiency. This Special Issue contributes to sustainability by promoting waste reduction, resource recovery, and environmental protection. It addresses key challenges such as reducing greenhouse gas emissions, fostering renewable energy production, and enhancing socio-economic equity through responsible waste management practices. It also encourages an integrated approach, incorporating life cycle assessments, policy evaluations, and technological innovations for achieving long-term sustainable outcomes.

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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