

Special Issue

Biomass Conversion and Green Technology

Message from the Guest Editors

The aim of this Special Issue is to publish original research papers and short communications, review articles, and case studies on biological resources, chemical and biological processes, and biomass products for new renewable sources of energy and materials. Key areas covered by this Special Issue include: Biomass: sources, energy crop production processes, genetic improvements, and composition. Biological Residues: residues/rests from agricultural production, forestry and plantations (palm, sugar, etc.), processing industries, and municipal sources (MSW). Bioenergy Processes: fermentation, thermochemical conversion, liquid and gaseous fuels, and petrochemical substitutes.

Bioenergy Utilization: direct combustion, gasification, electricity production, chemical processes, and by-product remediation.

Biomass and the Environment: carbon cycle, the net energy efficiency of bioenergy systems, assessment of sustainability, and biodiversity issues.

Guest Editors

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Deadline for manuscript submissions

closed (8 December 2023)



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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

Prof. Dr. Steve W. Lyon

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