

Special Issue

Sustainable Biomass and Waste Energy

Message from the Guest Editors

There is currently a high and increasing demand to find new sources of energy to ensure global energy security. Further advances in energy conversion technologies are needed to minimize environmental impacts caused by their use in industry, agriculture and transport. New energy sources must have low CO₂ emissions; this is a key element for a sustainable energy future. Biomass and its residues are considered important raw materials for technological innovation in the area of energy. The aim of this Special Issue is to bring together contributions in the area of biomass and energy to enable a smoother path towards achieving worldwide energy security. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: -Biomass waste for energy; -Thermal analysis as a tool for pyrolysis, gasification and torrefaction studies; -Biomass thermal and biological conversion; -New methods of obtaining energy from biomass; -Hydrogen from sustainable biomass; -Innovation/improvement in energy production by pyrolysis, gasification and torrefaction ...

Guest Editors

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Deadline for manuscript submissions

closed (31 October 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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