

Special Issue

Biomass for Energy: Challenges, Opportunities and Potential Solutions

Message from the Guest Editor

This Special Issue will provide a platform for extensive discussions concerning the possibilities to address the existing challenges of biomass use for energy, e.g., operational, economic, social and policy, and regulatory issues. The overall impact of biomass supply chain practices needs to be explored further. In addition, upgraded technological solutions suitable for an effective and cost-attractive use of biomass resources must be properly addressed. This Special Issue will intensively focus on the prospects of biomass-derived energy to meet the growing energy demand globally and contribute effectively to the energy transition. Research papers dealing with biomass energy potential upgrades and biomass-driven combined heat and power, co-firing, and combustion plants are most welcome. Evaluation of various other aspects of biomass energy utilization, such as economic and environmental, will also be considered. Papers concerning overcoming policy, regulatory and social challenges will be welcomed.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2023)



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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. 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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