

Special Issue

Sustainable Biomass Utilization for Renewable Energy

Message from the Guest Editors

This Special Issue will focus on the sustainable use of biomass as a renewable energy source, covering topics such as biomass pretreatment, enzymatic digestibility, biofuel production, and energy conversion technologies. It will explore innovative solutions for improving the efficiency of biomass processing, optimizing fermentation, and enhancing biofuel production.

Additionally, it will address challenges in energy storage and distribution and integrating biomass-derived energy into existing energy grids. The aim is to provide insights into how biomass can contribute to reducing carbon emissions, enhancing energy security, and promoting a circular economy. The purpose is to gather cutting-edge research on biomass technologies and foster collaboration among researchers, industry leaders, and policymakers to accelerate the adoption of sustainable biomass energy solutions.

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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.

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