

Special Issue

Recent Technologies and Applications of Sustainable Biomass Energy

Message from the Guest Editor

This Special Issue, entitled "Recent Technologies and Applications of Sustainable Biomass Energy", aims to showcase the latest advancements and innovative applications in the field of biomass energy. The collection of articles included herein highlights cutting-edge research, technological breakthroughs, and practical implementations that demonstrate the potential of biomass energy to address contemporary energy challenges.

The articles featured in this Special Issue also explore the diverse applications of biomass energy across various sectors. From power generation and transportation to industrial processes and residential heating, biomass energy is being harnessed in innovative ways to meet diverse energy needs. Moreover, the integration of biomass energy with other renewable energy sources, such as solar and wind, is examined, highlighting the potential for creating hybrid systems that enhance overall energy efficiency and reliability. **Keywords** sustainable biomass energy; renewable energy; biomass conversion technologies; biofuels; biochemical conversion; anaerobic digestion; biomass applications; hybrid energy systems

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/210716

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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