

Special Issue

Bio-Energy and Its Sustainable Utilization

Message from the Guest Editor

This Special Issue aims to present and disseminate the most recent advances related to the sustainable utilization of bio-resources including biomass, waste plastics, municipal waste, sewage sludge, etc. Topics of interest for publication include, but are not limited to, all aspects of bio-energy, biomass treatment, the production of biofuels using different conversion technologies, and the generation of heat and power from biofuels, as well as the following:

- Torrefaction;
- Pyrolysis;
- Gasification and reforming: bio-syngas generation;
- Bio-oil production;
- Biomethane production;
- Biohydrogen production;
- Biomass combustion and gasification;
- Biofuels from different nonfood energy crops;
- Current trends and new biofuels precursors;
- Minimization of pollutant emissions;
- Bio-energy with carbon capture and storage (BECCS).

Guest Editor

Dr. Marta Marczak-Grzesik

Faculty of Chemistry, Jagiellonian University, Gronostajowa 2, 30-387 Krakow, Poland

Deadline for manuscript submissions

closed (25 March 2025)



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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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