



energies



an Open Access Journal by MDPI

Current Trends in Biomass Pyrolysis for Biofuel Production

Guest Editors:

Prof. Dr. Nanjappa Ashwath

School of Health, Medical and Applied Sciences, Central Queensland University, Rockhampton, QLD 4701, Australia

Prof. Dr. Sergio Capareda

Department of Biological & Agricultural Engineering, Texas A&M University, 400 Bizzell St, College Station, TX 77843, USA

Deadline for manuscript submissions:

closed (31 August 2022)

Message from the Guest Editors

Biomass is one of the most convenient and readily available feedstocks that can be readily converted into biofuels via pyrolysis. This technology can be adapted to any scale, from house hold to industrial level, and the system can be designed to be carbon neutral and sustainable. Over the last decade, tremendous progress has been made in the techniques used in pyrolysis. These include the use of catalysts, the synthesis of biochar to improve soil health, and the conversion of pyrolysis by-products into value-added chemicals. This Special Issue seeks research papers, review articles, economic analysis, and social and environmental impact assessments, on the processes of converting biomass into biofuel and value-added products. Papers dealing with the nature and properties of biomass feedstocks, and the production of these feedstocks from degraded landscapes, are also welcome.



mdpi.com/si/23115

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)