Special Issue

Current Trends in Biomass Pyrolysis for Biofuel Production

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.

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Deadline for manuscript submissions

closed (31 August 2022)

Energies

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Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/23115

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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.

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