Special Issue

Biomass Processing for Biofuels, Bioenergy and Chemicals

Message from the Guest Editors

Advanced development technologies and processes are possible to convert the biomass into alternative energy sources in solid (charcoal, biochar and RDF, etc.), liquid (biodiesel, algae biofuel, bioethanol, pyrolysis and liquefaction bio-oils), and gaseous (biogas, syngas, and biohydrogen, etc.) form. Biomass cannot replace our current dependence on coal, oil, and natural gas, but it can complement other renewables such as solar and wind energy. Thus, due to the merits of biomass energy for environmental sustainability, biofuel and bioenergy technologies play a crucial role in the renewable energy development and replacement of chemicals from highly functional biomass. This Special Issue aims to publish a comprehensive overview and in-depth technical research paper addressing recent progress in biomass conversion processes. Studies of advanced techniques and methods for bioenergy and biofuel production are also welcomed. Research involving experimental and numerical studies, recent developments, and the current state of the art and emerging technologies in this field are highly encouraged.

Guest Editors

Prof. Dr. Wei-Hsin Chen

Dr. Hwai Chyuan Ong

Dr. Thallada Bhaskar

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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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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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