Special Issue

Thermal Processing of Biomass and Solid Waste for Energy Production

Message from the Guest Editors

The increasing demand for energy, as well as the increased price and reduced availability of conventional fuels, has resulted in a search for new energy sources and carriers. Source of readily available energy with good potential are biomass and solid waste. Additionally, conventional combustion is often not the optimal solution for converting the chemical energy of fuels into heat, so the thermal processes of fuel treatment are worth researching. The purpose of this Special Issue is to collect papers on the thermal processes to which biomass and waste are subjected, with works focusing on processes carried out for energy purposes. Topics of interest include processes such as torrefaction, pyrolysis, gasification, and combustion, and papers may discuss thermochemical conversion processes for both the production of secondary fuels and direct energy production. Areas of interest include the production and combustion of producer gas, the production of liquid fuels in the pyrolysis process, the production of gaseous fuels, and chars as alternatives to coal.

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Deadline for manuscript submissions

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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.

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