

Special Issue

Conversion and High-Value Utilization of Biomass Resources

Message from the Guest Editor

Topics of interest for publication include, but are not limited to, the following:

- Determination of physicochemical properties of biomass intended for high-quality biofuels;
- All aspects related to biofuel conversion, such as modeling, theoretical and practical analyses, and computer simulations;
- Enrichment of biomass, forming, thickening, drying, and grinding;
- The processes of pyrolysis, gasification, and torrefaction of biomass;
- The fermentation process, biogas plants, and biogas;
- Liquid biofuel, esters, and ethanol;
- Use of agricultural and forestry waste for energy purposes;
- Use of food industry waste for energy purposes;
- Designing a line for the production of biofuels or its individual elements;
- Modeling of processes related to energy production from biofuels;
- Technical and economic analyses, including the determination of efficiency and environmental impacts;
- Analysis of the impact of the use of biofuels on the environment;
- Thermal and thermogravimetric analyses;
- Designing biomass burning equipment;
- Analysis of the composition of flue gases resulting from the combustion of high-quality fuels.

Guest Editor

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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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