Special Issue

Bioenergy for Biofuels: Upgrading from Renewable Resources

Message from the Guest Editors

In recent years, there is an urgent need to address the depletion of non-renewable fossil resources and their associated environmental issues with the use of fossil fuel-derived fuels. Alternatively, biomass and other organic waste materials could be promising future fuel sources. Therefore, the transformation of such materials into renewable and clean bioenergy and biofuels has attracted a great deal of attention. This Special Issue is thus dedicated to focus on the research efforts regarding the technological development and advancement of clean biofuels and bioenergy production from biomass and organic waste. Proposed themes include, but are not restricted to the following:

- Pretreatment approaches for the production of clean biofuels and bioenergy.
- Thermochemical and biological biomass conversions including pyrolysis, gasification, anaerobic digestion, fermentation, etc.
- The computational modelling of biomass conversion technologies.

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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.

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