Topical Collection

Bio-Energy Reviews

Message from the Collection Editors

Energy production from renewable sources satisfies the three requirements of accessibility, supply security, and environmental sustainability. It is recognised that bioenergy will be pivotal in any decarbonisation strategy as a sustainable alternative to the energy generated from fossil fuels. As contemplated in the Bio-Energy Section of the journal, the generation of bioenergy from biofuels offers several advantages, particularly those associated with CO2 life-cycle neutrality, in order to reduce the energy production impact on the greenhouse effect and global warming. Likewise, unlike most other renewable energy sources, bioenergy can generate both heat and electricity with a high efficiency in combined heat and power (CHP) plants. This Special Issue aims at collecting the latest advances in bioenergy research. It welcomes review papers and case studies, related to all aspects of bioenergy production and use, including the treatment of feedstocks, biomass conversion technologies, all the range of biofuels for vehicles, and new trends and latest discoveries in aviation biofuels. For more information, see the scope of the Bio-Energy Section in *Energies*.

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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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