

Special Issue

Bioenergy and Biochar: Repurposing Waste to Sustainable Energy and Materials

Message from the Guest Editors

All types of biomass, and their waste, comprised one the pillars of the pre-industrial, pre-fossil fuel, agriculture-based economies of the past. The modern bioeconomy sector, though, includes new circular economy energy and materials streams of added value products, such as gaseous, liquid and solid biofuels and bioenergy generation routes, and biochar production, along with all the previously mentioned traditional bioeconomy emerged products.

The aim of this Special Issue is to include the latest bioenergy and biochar advancements and incorporation to a bioeconomy in transition. This Special Issue focuses on nature, properties, upgrading and bioenergy generation processes from all types of biomass waste and biochars originating from biomass waste. Overviews of international ongoing and collaborative, transdisciplinary research projects, technology transfer and policy development in the field are also welcome. A transdisciplinary approach in order to examine, explore and critically engage with issues, advances and barriers of the attempt are also encouraged.

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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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