Special Issue

Recent Advances in Bioenergy Conversion and Waste Treatment

Message from the Guest Editor

High efficiency in the use of natural materials will be the key to a sustainable and CO2-free industry of the future. At the same time, as the world's population grows, it will be important to use the available arable land to grow food. Waste materials and their bioeconomic use to produce high-quality products will therefore play a central role in realizing a CO2-neutral future. Waste materials can be used for both material and energy purposes. Material uses include, for example, the production of fibers, fuel or platform chemicals, while energy-related electricity and heat can be produced on-demand for both private households and industry. Waste materials are generated in private households, in agriculture and in industry. In this Special Issue, all authors are invited to submit a paper on the material and energetic use of waste materials.

Guest Editor

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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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