

Special Issue

Waste to Watt: Biomass and Waste Valorization to Fuels

Message from the Guest Editor

This Special Issue delves into conversion of biomass and waste into fuels. It explores strategies and technologies that support the expansion of biogas, promoting sustainability and energy security. This issue welcomes original research articles and reviews that cover a wide range of topics, including enhancement of biogas yield from various feedstocks, biogas upgrading, and biochemical and thermochemical conversion. In addition, this Special Issue explores case studies and pilot projects, illustrating the successful implementation and scalability of biogas technologies. These examples provide insights into practical challenges and solutions to achieve notable progress in biogas production.

Furthermore, this Special Issue aims to address the economic and policy frameworks necessary for expansion of biogas production. It seeks to identify opportunities in the current landscape, emphasizing supportive legislation, financial incentives, and innovative business models. By integrating diverse perspectives, this Special Issue aims to provide a comprehensive overview of the current state and future of biogas and bioenergy, contributing to sustainable and secure energy landscape.

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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