

## Special Issue

# Advances in Biomass Conversion Technologies

### Message from the Guest Editors

The generation of energy from alternative and renewable sources is of enormous importance for the sustainable development of the world bioeconomy, as its use mitigates environmental issues such as greenhouse gas emissions. For different sectors to prosper, long-term structural reforms are necessary, which will result in more sustainable and balanced patterns of energy supply and demand. Of the energy sources available, biomass has shown great potential for expansion due to existing reserves worldwide and its versatile characteristics that can help to meet energy demands and reduce the accumulation of waste. Several countries aim to promote and support the bioenergy expansion; however, to increase the share of renewables, policy goals, new technologies, and sustainable biomass evaluation need to be explored. The purpose of this Special Issue is to compile research from the fields of science, engineering, economics, and society on the possibilities, problems, and prospective solutions for biomass resources as sustainable energy sources for energy generation via various conversion technologies.

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### Guest Editors

Dr. Clara Mendoza Martinez  
Prof. Dr. Esa Kari Vakkilainen  
Prof. Dr. Elem Patricia Alves Rocha

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### Deadline for manuscript submissions

closed (31 October 2023)



## 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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### Editor-in-Chief

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