

## Special Issue

# Biomass and Municipal Solid Waste Thermal Conversion Technologies II

### Message from the Guest Editors

Climate change is among the most pressing challenges of the 21st century. Concerns about the environmental impact of greenhouse gas emissions from burning fossil-based fuels have promoted the use of renewable sources of energy. These include renewable biomass, which is readily available. Notably, during the past few decades, municipal solid waste (MSW) has been drastically increasing around the world as a result of the growing urbanization. The development of the utilization of alternative resources has raised a number of other tasks and constraints linked to the nature of renewable resources, including the treatment, processing, thermal conversion, and applied technologies, and, thus, a large number of critical views on this issue. Hence, in this research topic, different kinds of “Thermal Conversion Technologies” for biomass and MSW utilization could be discussed herein.

---

### Guest Editors

Dr. Xiaohan Ren

Prof. Dr. Fei Sun

Dr. Juan Chen

---

### Deadline for manuscript submissions

closed (27 November 2024)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/149262](https://mdpi.com/si/149262)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)



## 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.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q1 (Control and Optimization)