

## Special Issue

# Waste to Energy: Low-Carbon Resource and Energy Utilization from Solid Wastes with Pollution Control

### Message from the Guest Editor

The is inviting submissions to a Special Issue of *Energies* on the subject area of “Waste to Energy: Low-Carbon Resource and Energy Utilization from Solid Wastes with Pollution Control”. This Special Issue will deal with novel optimization and control techniques for waste to energy. Topics of interest for publication include, but are not limited to, the following:

- Biomass utilization for biofuel production;
- Low-carbon pollution control of hazardous solid wastes;
- Dehydration of solid waste with high moisture content;
- Waste to energy utilization for organic wastes;
- Resource recycling for industrial inorganic wastes;
- Green eco-materialization of solid waste;
- Solid waste treatment with carbon utilization;
- Thermochemical technologies for waste to energy;
- Solar-driven photothermal technologies for waste treatment;
- Electrocatalysis for waste to energy.

---

### Guest Editor

Dr. Fawei Lin

School of Environmental Science and Engineering, Tianjin University,  
Tianjin 300072, China

---

### Deadline for manuscript submissions

5 June 2026



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/222687](https://mdpi.com/si/222687)

*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)