

## Special Issue

# Sustainable Energy from Biomass and Waste

### Message from the Guest Editors

This Special Issue will deal with novel developments in the conversion of biomass and waste to produce sustainable energy, in particular, the technology options being developed for utilisation of biomass, agricultural wastes, and municipal solid wastes. Topics include developments in integrated systems combining thermochemical and biological conversion, integrated hybrid systems utilising other renewable energy technologies such as solar thermal, optimisation of conversion routes, resource assessment and life cycle analysis, and development in waste to energy strategies. Topics of interest for publication include, but are not limited to:

- Biomass and waste resource assessment and characterisation
- Hybrid conversion technologies
- Pretreatment approaches for improved energy
- Anaerobic digestion and fermentation
- Combustion and incineration
- Gasification and pyrolysis
- Hydrothermal conversion
- Production of solid recovered fuel/refuse-derived fuel
- Evaluation of fuel quality
- Material flow analysis
- Life cycle and risk assessment
- Technoeconomic analysis
- Environmental considerations

---

### Guest Editors

Dr. Andrew Ross

School of Chemical and Process Engineering, University of Leeds,  
Leeds LS2 9JT, UK

Prof. Dr. Anurag Garg

Environmental Science and Engineering Department, Indian Institute of  
Technology, Mumbai 400 076, India

---

### Deadline for manuscript submissions

closed (17 January 2024)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/79494](https://mdpi.com/si/79494)

*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)