

## Special Issue

# Renewable Fuels: A Key Step Towards Global Sustainability

### Message from the Guest Editors

Renewable fuels continue to gain attention as a key component in the global pursuit of sustainability, especially in reducing greenhouse gas emissions and addressing climate change. As the world transitions from reliance on fossil fuels to more sustainable energy sources, renewable fuels offer a practical and scalable solution for decarbonizing energy-intensive sectors, including transportation, industry, and power generation. These fuels are produced from natural, replenishable resources such as biomass, organic waste, algae, and renewable electricity, making them a sustainable alternative to conventional fossil fuels.

Based on before, this Special Issue aims to present and disseminate the latest advancements in:

- Biofuels in transportation;
- Green hydrogen for industry;
- Renewable fuels and carbon neutrality;
- Biogas from organic waste;
- Sustainability of biomass;
- Challenges of renewable fuel production;
- Renewable fuels for aviation;
- Biomethane in power generation;
- Policy support for renewable fuels.

### Guest Editors

Dr. Manuel Bailera

Escuela de Ingeniería y Arquitectura, Universidad de Zaragoza, María de Luna 3, 50018 Zaragoza, Spain

Dr. Alexander García Mariaca

Escuela de Ingeniería y Arquitectura, Universidad de Zaragoza, María de Luna 3, 50018 Zaragoza, Spain

### Deadline for manuscript submissions

5 August 2025



## Energies

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/219438](https://mdpi.com/si/219438)

*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)