

## Special Issue

# Constraints and Prospects in the Development of Renewable Energy Sources

### Message from the Guest Editors

In this Special Issue, areas of interest include, but are not limited to, the following topics:

- Characteristics of energy generation systems; energy generation systems and the natural environment.
- Biomass and biofuels; systems for generating electricity and heat using biomass.
- Wind energy; current status and development opportunities for wind energy; ecological and economic aspects of using renewable energy sources.
- Hydropower; the energy of tides, waves and sea currents; the thermal energy of seas and oceans; ecological and economic aspects of using renewable energy sources.
- Solar energy; passive and active solar energy utilization systems; solar panels; photovoltaic cells; solar power plants.
- Geothermal energy; the use of geothermal energy in the process of electricity and heat production.
- Environmental problems related to RES and their impacts on biotic and abiotic components of the environment and the landscape.
- Good practices in the development of RES.

---

### Guest Editors

Prof. Dr. Grażyna Łaska

Prof. Dr. Grzegorz Zajac

Dr. Magdalena Joka Yildiz

---

### Deadline for manuscript submissions

closed (12 December 2024)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 8.3



[mdpi.com/si/162094](https://mdpi.com/si/162094)

*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 8.3



[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)