

# Special Issue

## Green Energy

### Message from the Guest Editors

The concept of Green Energy refers to the adoption of non-polluting natural energy resources capable of generating an inexhaustible and clean energy supply. In this perspective, the most widespread renewable energy systems (RES), namely wind, solar, hydrogen, biomass and geothermal energy technologies. This Special Issue welcomes both theoretical and experimental research works, as well as review articles, devoted to the development of innovative low- or zero-carbon technologies.

Topics of interest include, but are not limited to:

- Simulation tools, modeling and analysis of wind turbines;
- Novel materials, methods, solutions and characterization of PV systems;
- Development of hybrid solar-thermal systems;
- Energy savings in RES;
- Development of sea wave generators;
- Advances in fuel-cell technologies;
- Design, development and control of innovative power converters for renewable generation systems;
- Novel measurement techniques in green energy systems;
- Innovative concepts and solutions for biomass energy generation;
- New concepts and applications in geothermal technologies;
- Rain energy harvesters.

### Guest Editors

Prof. Dr. Antonino Oscar Di Tommaso

Department of Engineering, University of Palermo, Palermo, Italy

Dr. Massimo Caruso

Department of Engineering, University of Palermo, Viale delle Scienze, Building nr. 9, 90128 Palermo, Italy

### Deadline for manuscript submissions

closed (25 November 2021)



## Energies

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/49777](https://mdpi.com/si/49777)

*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/](https://mdpi.com/journal/)

[energies](https://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)