



*energies*

an Open Access Journal by MDPI



## Challenges Towards Sustainable Energy

Guest Editors:

**Prof. Dr. Carlos Felgueiras**

**Prof. Dr. Zita Vale**

**Prof. Dr. Coriolano Salvini**

**Prof. Dr. Luís Tarelho**

**Dr. Marta Ferreira Dias**

**Prof. Dr. Nelson Martins**

**Prof. Dr. Nídia Caetano**

Deadline for manuscript  
submissions:

**closed (31 July 2020)**

### Message from the Guest Editors

Dear Colleagues,

This Special Edition aims to contribute to the "Challenges Towards Sustainable Energy" agenda through scientific development to improve the global and multidisciplinary performance of modern energy systems. We invite authors to submit articles on innovative technical developments, reviews, case studies, analyses, and evaluations from different disciplines that are relevant to the existing challenges related to sustainable energy. These include smart grids, renewable energy, energy storage systems and materials, life cycle analysis of energy (systems), zero-energy buildings, energy efficiency, (novel) electric and hybrid vehicles, financial and economic analysis, intelligent systems, energy and big data, energy policy, novel energy sources, and renewable-based generation, among others.

Prof. Dr. Carlos Felgueiras

Prof. Dr. Zita A. Vale

Prof. Dr. Coriolano Salvini

Prof. Dr. Luis Tarelho

Prof. Dr. Marta Ferreira Dias

Prof. Dr. Nelson Martins

Prof. Dr. Nídia Caetano

*Guest Editors*



[mdpi.com/si/27777](https://mdpi.com/si/27777)

# Special Issue



# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## 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.

## 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 (*Engineering (miscellaneous)*)

## Contact Us

---

*Energies* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://x.com/energies_mdpi)