



Sustainable/Renewable Energy Systems Analysis and Optimization

Guest Editor:

Dr. Vedran Mrzljak

Faculty of Engineering, University
of Rijeka, Vukovarska 58, 51000
Rijeka, Croatia

Deadline for manuscript
submissions:

closed (13 July 2024)

Message from the Guest Editor

Dear Colleagues,

As the energy sector is currently facing many challenges, the analysis of various sustainable and renewable energy systems as well as their optimization are pressing challenges. Understanding operation characteristics, detecting problems, performing improvements and optimizing any energy system inevitably leads to economic, environmental and other benefits which can be achieved during exploitation.

This Special Issue will deal with analysis and optimization of various sustainable and renewable energy systems. Topics of interest for publication include, but are not limited to:

- Conventional energy systems;
- Marine energy and power systems;
- Renewable and sustainable energy processes;
- Energy storage systems;
- Electric energy systems;
- Energy management;
- Novel energy processes;
- Energy processes: environmental impact;
- Energy system performance improvement;
- Optimal energy system operation guidelines;
- Various load conditions;
- Process analysis;
- Optimization algorithms;
- Application of artificial intelligence methods and processes in the energy sector.





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 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)