

Special Issue

Sustainable/Renewable Energy Systems Analysis and Optimization

Message from the Guest Editor

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.

Guest Editor

Dr. Vedran Mrzljak

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

Deadline for manuscript submissions

closed (13 July 2024)



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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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

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