Special Issue

Energy Management of Renewable Energy Systems

Message from the Guest Editors

This Special Issue aims to present and disperse the most recent advances related to energy management of renewable energy systems. Topics of interest for publication include, but are not limited to:

- Innovations photovoltaic system;
- Innovations thermal solar system;
- Thermal management systems for photovoltaic cells and panels in natural and concentrated light;
- Energy management of the small energy harvesting systems;
- Management of the energy storage systems;
- Solar hybrid power system management using Modular Multilevel Converter;
- Reliability and feasibility studies and consideration of critical issues encountered in solar hybrid power systems;
- Management of the grid integration of solar power systems:
- Energy management of heating, ventilation, and air conditioning (HVAC) systems.

Guest Editors

Prof. Dr. Daniel Tudor Cotfas

Electrical Engineering and Computer Science Faculty, Transilvania University of Brasov, Eroilor, nr. 29, 500036 Brasov, Romania

Prof. Dr. Petru Adrian Cotfas

Electrical Engineering and Computer Science Faculty, Transilvania University of Brasov, Eroilor, nr. 29, 500036 Brasov, Romania

Deadline for manuscript submissions

closed (5 September 2025)



Energies

an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 7.3



mdpi.com/si/190941

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

mdpi.com/journal/energies





Energies

an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 7.3



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)

