Special Issue

Innovative Design and Research on Solar Thermal Systems

Message from the Guest Editors

This Special Issue covers topics related to the conversion, storage, and harnessing of the **solar energy**, in order to intensify the transition to a cleaner energy consumptions in daily anthropogenic activities related to the energy support of buildings, industry, agriculture, transport, and communications. Topics and applications of interest for publication include but are not limited to:

- Solar engineering
- Innovative collectors, technologies, and materials
- Design and optimization of solar and hybrid energy systems
- Advanced energy storage systems
- On-grid and off-grid solar applications
- Solar buildings, active and passive
- Infrastructure and parametric urban development
- Buildings and districts' energy efficiency by solar energy harnessing
- Energy efficiency and environmental impact of solar systems
- Energy and carbon footprints
- Energy performance analyses and indicators of performance

Guest Editors

Dr. Teodora Melania Șoimoșan

Faculty of Civil Engineering, Technical University of Cluj-Napoca, Constantin Daicoviciu Street, No. 15, 400020 Cluj-Napoca, Romania

Dr. Ligia Mihaela Moga

Department of Civil Engineering and Management, Faculty of Civil Engineering, Technical University of Cluj-Napoca, 400027 Cluj-Napoca , Romania

Deadline for manuscript submissions

closed (31 January 2024)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/104306

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

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)