

Special Issue

Review Papers in Energy and Buildings

Message from the Guest Editors

This Special Issue aims to focus on energy generation, utilisation and distribution within buildings; this includes renewable energy integration within buildings, power management, grid management and power conditioning. The focus is not restricted to energy and buildings, but also includes comfort living, healthy aging with comfortable buildings and digital energy controls for buildings. This Special Issue only accepts state-of-the-art reviews in the following topics:

- Building-integrated photovoltaics;
- Energy management systems;
- Power distribution mechanisms for buildings;
- Hybrid renewable energy systems for buildings;
- Thermal comfort for buildings;
- Building energy efficiency;
- Artificial intelligence tools for energy utilisation in buildings;
- Sensors for building and energy management;
- Energy-efficient buildings through efficient renewable integration;
- Power management in buildings.

Guest Editors

Prof. Dr. Senthilarasu Sundaram

Professor of Sustainable Energy Materials, School of Computing, Engineering and Digital Technologies, Teesside University, Tees Valley, Middlesbrough TS1 3BX, UK

Prof. Dr. Karthikeyan Palanisamy

Department of Automobile Engineering, PSG College of Technology, Coimbatore 641 004, India

Deadline for manuscript submissions

closed (31 July 2023)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/133963

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://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)