



energies



an Open Access Journal by MDPI

Improvement of Indoor Environmental Quality and Energy Performance of Zero-Energy Buildings

Guest Editor:

Dr. Tiberiu Catalina

Faculty of Building Services,
Technical University of Civil
Engineering, 020396 Bucharest,
Romania

Deadline for manuscript
submissions:

31 May 2025

Message from the Guest Editor

This Issue will examine occupant behavior and its implications on energy use and indoor comfort, providing a human-centric perspective on building design and operation. We will also feature papers that discuss the modeling and simulation of zero-energy buildings, enabling better predictions concerning energy usage and internal environmental conditions. Case studies focusing on real-world applications and the performance monitoring of existing zero-energy structures will serve to bridge the gap between theory and practice.

By integrating academic research with practical insights, this Special Issue will serve as a comprehensive guide for architects, engineers, policymakers, and researchers engaged in creating the sustainable, energy-efficient buildings of the future.



mdpi.com/si/189792

Special Issue



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)