



*energies*



an Open Access Journal by MDPI

## Energy Efficiency of the Buildings III

Guest Editors:

**Prof. Dr. Jozsef Nyers**

School of Applied Informatics  
and Applied Mathematics, Obuda  
University Budapest, Bécsi út  
96/B, 1034 Budapest, Hungary

**Dr. Árpád Nyers**

Department of Building Services  
and Building Engineering, Faculty  
of Engineering and Information  
Technology, University Pecs,  
7622 Pécs, Hungary

Deadline for manuscript  
submissions:

**20 June 2024**

### Message from the Guest Editors

Dear Colleagues,

In the developed world, energy consumption is rapidly growing, and so is the environmental load. One consequence of it is global warming. Buildings make a major contribution to greenhouse gas emissions. Therefore, the aim of the Special Issue is to publish papers presenting the possibilities to improve energy performance of buildings based on the latest research results.

The potential for energy savings in buildings mainly lies in the use of the thermal insulation, renewable energy sources and, to some extent, energy storage.

Energy consumption is slightly affected by the control of heating-cooling systems and the value of comfort parameters. Therefore, the Special Issue involves the aforementioned scope and topics.

In order to increase the energy efficiency of buildings, we would like to ask colleagues to participate in this Special Issue by presenting their new research results in scientific papers.

We invite papers on innovation, reviews, case studies, analytical and numerical energy optimization, as well as assessment papers about the discipline of energy-efficient buildings.



[mdpi.com/si/191392](https://mdpi.com/si/191392)

# 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 (*Engineering (miscellaneous)*)

## Contact Us

---

*Energies* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://x.com/energies_mdpi)