



*energies*



an Open Access Journal by MDPI

## Building Thermal Environment and Building Energy Saving Technology

Guest Editors:

**Dr. Haichao Wang**

1. Institute of Building Environment and Facility Engineering, School of Civil Engineering, Dalian University of Technology, Dalian 116024, China

2. Department of Mathematics and Systems Analysis, School of Science, Aalto University, P.O. BOX 11100 Aalto, Finland

**Dr. Haiwen Shu**

School of Civil Engineering, Dalian University of Technology, Dalian 116024, China

Deadline for manuscript submissions:

**closed (28 July 2023)**

### Message from the Guest Editors

This Special Issue aims to encourage novel research on the ways in which one can reduce the energy consumption of buildings, while improving or not sacrificing building thermal comfort. The research topics of this Special Issue include the following:

- Building thermal environments;
- Nearly zero-energy buildings;
- Renewable energy utilization;
- Heat storage technology;
- Building energy consumption and carbon footprint;
- Precise control for space heating;
- Building dynamic stimulation;
- Climate change and heating/cooling load prediction;
- Advanced HVAC systems and equipment;
- Artificial intelligence and big data in building control;
- Heating/cooling terminals;
- Other relevant topics are also welcome.



[mdpi.com/si/156737](https://mdpi.com/si/156737)

# 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)