

Special Issue

Dynamic Harmony: Balancing Energy Efficiency and Thermal Comfort

Message from the Guest Editors

This Special Issue aims to explore the balance between optimizing energy efficiency and maintaining thermal comfort in various environments. As a high-ranking open-access journal, *Energies* offers a prestigious platform for researchers to share their findings globally. With rising energy demands and the need to combat climate change, achieving energy efficiency without sacrificing thermal comfort is crucial. This SI will showcase how to harmonize these goals, demonstrating that thermal comfort can be achieved while considering a building's energy footprint. We invite innovative research on technologies and strategies that integrate energy use with thermal comfort. Topics of interest include:

- Adaptive thermal comfort and energy use
- Behavioral studies impacting energy-saving practices
- Strategies for extreme thermal conditions
- Personal comfort systems with limited energy use
- Policy and regulation analysis
- Building design and retrofitting for optimal performance
- Smart technologies for indoor environment control
- Renewable energy integration for thermal comfort.

Guest Editors

Dr. Sally Shahzad

Architecture Institute, School of Civil Engineering, University of Leeds,
Leeds LS2 9LG, UK

Prof. Dr. Hom Bahadur Rijal

Faculty of Environmental Studies, Tokyo City University, Yokohama,
Japan

Deadline for manuscript submissions

25 August 2025



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/232533

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)