

## Special Issue

# Thermal Comfort, Environment Quality and Energy Consumption—2nd Edition

### Message from the Guest Editors

The built environment plays a pivotal role in shaping the well-being of its occupants across three crucial factors—thermal comfort, environmental quality, and energy consumption—and their delicate interplay. Achieving an optimal balance of these elements is essential for creating sustainable and occupant-friendly buildings. Building upon the success of our first edition, this second Special Issue of *Energies* explores emerging technologies and methodologies that are transforming how we achieve optimal balance among these elements toward creating sustainable and occupant-centric buildings. This Special Issue is dedicated to original research and review articles focusing on thermal comfort, environmental quality, and energy-efficient building design. Areas of interest include, but are not limited to, the following topics:

- Advanced Technologies and Systems
- Post-Pandemic Indoor Environment
- Traditional and Emerging Approaches

### Keywords:

- thermal comfort
- indoor environment quality
- building energy use
- occupant well-being
- task performance
- artificial intelligence
- digital twins
- post-COVID ventilation
- smart building technologies
- predictive control

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### Guest Editors

Dr. Jan Kaczmarczyk

Dr. Asit Kumar Mishra

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### Deadline for manuscript submissions

30 August 2026



## Energies

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## 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.

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### Editor-in-Chief

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