

## Special Issue

# Energy Efficiency and Thermal Performance in Buildings

### Message from the Guest Editors

In the face of the ever-increasing global energy demand and the growing severity of environmental challenges, the theme of “Energy Efficiency and Thermal Performance in Buildings” holds profound significance. Buildings, as the primary spaces for human living and working, account for a substantial portion of total societal energy consumption. Enhancing energy efficiency in buildings can effectively reduce energy usage, decrease reliance on conventional energy sources, and significantly lower carbon emissions, thereby contributing to global efforts in combating climate change. Moreover, optimal thermal performance in buildings is crucial for providing a comfortable indoor environment. Whether in winter or summer, maintaining stable indoor temperatures is essential for improving quality of life and work for occupants. This Special Issue will gather the latest research findings from around the world in this field, promoting innovation and development in building energy efficiency and thermal performance. It seeks to provide a scientific basis and technological support for the construction of a more sustainable built environment.

### Guest Editors

Dr. Wuxing Zheng

Prof. Dr. Seigen Cho

Prof. Dr. Honglian Li

Dr. Wen Yang

### Deadline for manuscript submissions

closed (25 July 2025)



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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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