

Special Issue

Thermal Comfort and Energy Use in Sustainable Transportation and Buildings

Message from the Guest Editors

Overall Outline

- Focus: This Special Issue aims to pursue the interdisciplinary aspects of thermal comfort and sustainable energy in applications ranging from vehicles to buildings. We seek to foster a comprehensive understanding of the materials and systems used and the integration between vehicles and buildings for enhanced occupant satisfaction and energy efficiency.
- Scope: Innovative materials, system design strategies, advanced thermal management, passenger/occupant behaviors, and smart energy technologies for both vehicles and buildings. Manuscripts employing diverse methodologies, from empirical studies to modeling and simulation approaches, are encouraged.
- Purpose: Combine cutting-edge research and advancements in the field, providing insights for future research as well as solving current problems. By doing so, we aim to contribute to the development of sustainable technologies that provide thermal comfort while minimizing energy consumption.

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Deadline for manuscript submissions

closed (20 July 2025)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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