

Special Issue

Sustainable Thermal Comfort: Heat Pump Solutions for Energy-Efficient Buildings

Message from the Guest Editor

Research studies, applied theoretical, or experimental works and review papers are welcome in this Special Issue. Relevant topics include, but are not limited to: Energy efficiency in buildings; Sustainability analysis of heat pumps and thermal comfort; Ground-/water-/air-source heat pump systems; Ground heat exchangers, borehole heat exchangers, horizontal ground heat exchangers; Thermal response tests and geothermal tests; Passive houses; Energy storage in buildings; Smart houses and smart heat systems; Artificial intelligence in thermal management in buildings; Decreasing pollution, emissions, waste, and the other side effects of buildings; LCA analysis of thermal systems in buildings.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2025)



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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

Prof. Dr. Steve W. Lyon

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