

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

Dr. Murat Aydin

Institute of Geosciences, University of Kiel, Kiel, Germany

Deadline for manuscript submissions

closed (30 April 2025)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/203253

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)