

Special Issue

Sustainability of Phase Change Materials Used in Buildings

Message from the Guest Editors

The aim of this Special Issue in the Sustainability Journal is to focus on the sustainability of the use of Phase Change Materials (PCMs) in buildings. Research is needed to better understand the potential impacts of PCMs and to develop strategies for minimizing any negative impacts while maximizing the benefits of these materials. Furthermore, research is needed to develop more sustainable PCMs, and to improve production and manufacturing processes to minimize environmental impact. Research is also needed to develop methods for recycling and disposing of used PCMs in an environmentally responsible manner. Research is also needed to optimize the design and installation of PCMs in buildings. The potential papers in this issue can cover the above research needs with topics regarding PCMs using keywords and phrases, but not limited to, as given below.

- life-cycle assessment
- sustainable sourcing
- recycling and disposal
- consideration of sustainable design strategies in combination with PCMs
- monitoring and evaluation processes for continuous improvements
- materials selection
- building operation and maintenance
- adaptation of new material
- green certifications with PCMs

Guest Editors

Dr. Abid Nadeem
Dr. Serik Tokbolat
Prof. Dr. Jo Darkwa

Deadline for manuscript submissions

closed (26 October 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/163409

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. 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

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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