



Phase Change Materials and Building Systems Dynamics

Guest Editor:

Dr. Vasileios C. Kapsalis

School of Mechanical
Engineering, National Technical
University of Athens, Zographou
Campus, 15780 Athens, Greece

Deadline for manuscript
submissions:

closed (15 December 2021)

Message from the Guest Editor

The Special Issue entitled “Phase Change Materials and Building Systems Integration” aims to provide an integrated approach to the interactions and modeling between phase change materials embedded in the passive and active engineering systems dynamics of the built environment towards economic growth decoupling from resource depletion and environmental degradation in different levels.

Phase change materials and their integration in the built environment, both in passive and active systems, are one of the promising methods to provide latent storage towards peak load reduction and/or energy savings optimization. Since engineering systems interact with their environment, knowledge of their impacts is always of utmost importance toward the transition to sustainable living.





an Open Access Journal by MDPI

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

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.

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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)