



New Approaches and Technologies in Thermal Comfort and Energy Consumption in Social Housing

Guest Editors:

Dr. Amir Ebrahimi-Moghadam

Faculty of Engineering,
Mechanical Engineering
Department, Ferdowsi University
of Mashhad, Mashhad, Iran

**Dr. Mohammad Hossein
Ahmadi**

Faculty of Mechanical
Engineering, Shahrood University
of Technology, Shahrood
3619995161, Iran

Deadline for manuscript
submissions:
closed (15 February 2022)

Message from the Guest Editors

Today, using new technologies and approaches for improving the level of energy consumption and the thermal comfort conditions in buildings could be considered as important topics for researchers. This Special Issue (SI) focusses on collecting high-quality research and review papers related to new approaches and technologies for improving thermal comfort conditions and reducing energy consumption in social housing.

The potential topics for submissions to the SI include, but are not limited to:

- Passive and active approaches in thermal comfort and energy consumption;
- Passive and active approaches in greenhouse gas emissions in buildings;
- Controlling the daylight in buildings by means of the proper strategies;
- Proposing innovative standalone energy systems for satisfying the energy requirements of residential complexes;
- Modelling and using novel light shelves arrangements in buildings;
- Using innovative micro/nano technologies in buildings.





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)