

Special Issue

Sustainable Development in the Built Environment: Renewable Energy and Thermal Energy Storage

Message from the Guest Editors

This Special Issue aims to collect scientific papers on recent advances in implementing renewable energy resources and energy storage systems in the built environment. This Special Issue welcomes submissions on the following topics:

- Renewable energy sources for building integration;
- Zero or nearly zero energy buildings;
- Zero-emission buildings;
- Energy storage systems;
- Thermal energy storage systems and materials;
- Sustainable and green buildings design;
- Energy and thermal resiliency in buildings;
- Building energy retrofit;
- Future climate impacts of renewable energy sources;
- Sustainable and green building materials;
- Energy auditing and monitoring;
- Building energy simulation;
- Energy efficiency measures;
- Building enclosure;
- HVAC system;
- Climate change impacts in buildings;
- Case study evaluation (relevant to main topic)

We look forward to receiving your contributions.

Guest Editors

Dr. Reza Daneshazarian

Department of Architectural Science, Ryerson University, Toronto, ON M5B 2K3, Canada

Dr. Shahrzad Soudian

Post Doctoral Fellow, Department of Architectural Science, Toronto Metropolitan University, Toronto, ON, Canada

Deadline for manuscript submissions

closed (20 July 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/127216

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)