

Special Issue

Utilization of Solar Energy in Smart Buildings: Second Edition

Message from the Guest Editors

This Special Issue aims to collect research that address the varying aspects of sustainable solar energy applications in smart buildings, and thereby provide an international forum for the dissemination of the latest advancements in this domain. Topics of interest include, but are not limited to, the following:

- Solar photovoltaic integration in buildings (BIPV);
- Hybrid solar-wind power technologies;
- Advanced solar energy technologies;
- Advanced energy storage technologies;
- Advanced renewable energy systems (solar heating and cooling, PV, PV/T, and ground-source heat pump technologies);
- Solar energy policy in buildings;
- Smart control in low-energy and zero-energy buildings;
- Dynamic simulation of building energy systems;
- Building energy load prediction;
- Building energy system assessment and diagnosis;
- Big data analytics for smart energy systems and smart buildings;
- Smart building management;
- Green construction in smart buildings.

Guest Editors

Dr. Tian You

Dr. Zongwei Han

Dr. Yang Zhao

Deadline for manuscript submissions

closed (14 July 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/185183

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)