

Special Issue

Applications of Renewable Energy Technologies on Buildings

Message from the Guest Editors

(1) Renewable energy plays a significant role in the energy system design of modern buildings, especially green buildings, not only because of its potential for reducing greenhouse gas emissions but also considering the shortage of non-renewable energy resources in the future.

(2) The aim of this Special Issue is publish studies related to innovative renewable energy technologies applied to buildings, especially energy-efficient and/or green buildings, for sustainable development.

(3) In this Special Issue, original research articles and reviews related to renewable energy systems used in buildings are welcome. For example, the research areas may include (but are not limited to) the following: renewable energy application in buildings, solar and geothermal energy systems, building energy-saving technologies, advanced energy storage technologies, energy retrofitting with renewable energy systems, sustainable and green/LEED buildings, life cycle analysis of building renewable energy, etc.

Guest Editors

Dr. Yao Yu

Department of Civil, Construction, and Environmental Engineering,
North Dakota State University, Fargo, ND 58108, USA

Dr. Abdulaziz Banawi

Assitant Professor, Department of Civil, Construction and
Environmental Engineering, North Dakota State University, Fargo, ND
58105 Fargo, USA

Deadline for manuscript submissions

closed (30 November 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/111934

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)