

Special Issue

Advancing Bottom-Up Energy Approaches for Carbon-Neutral Building Stock

Message from the Guest Editors

Topics of interest include, but are not limited to, the following:

- Energy-efficient building design (new optimization techniques);
- Resilient buildings for climate change (climate neutral cities and districts);
- Building energy performance simulation and analysis tools (white- and black-box techniques using GIS, synthetic, hybrid and machine learning approaches);
- Building-, community-, regional-, national-, and multi-scale-level modeling of energy efficiency methods;
- Digital twin-enabled building operations.

Guest Editors

Dr. Usama Bin Perwez

Department of Mechanical Engineering (CEME), National University of Sciences and Technology (NUST), Islamabad 44000, Pakistan

Dr. Muhammad Salman Siddiqui

Faculty of Science and Technology, Norwegian University of Life Sciences, Elizabeth Stephansens v. 15, 1430 Ås, Norway

Deadline for manuscript submissions

1 November 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/209723

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)