



Renewable Energies in the Built Environment

Guest Editors:

Prof. Dr. Elena Lucchi

Department of Architecture, Built Environment and Construction Engineering (DABC), Politecnico di Milano, 20133 Milan, Italy

Dr. Tianyi Chen

Solar Energy Research Institute of Singapore (SERIS), National University of Singapore, Singapore 117574, Singapore

Prof. Dr. Wen Zhang

Department of Architecture, School of Architecture and Design, Beijing Jiaotong University, Beijing 100044, China

Deadline for manuscript submissions:

30 September 2024

Message from the Guest Editors

"Renewable Energies in the Built Environment" aims to present a holistic view of the opportunities and challenges associated with integrating renewable energy into the fabric of our built environment. Its scope spans across several domains of research—engineering, architecture, urban planning, environmental sciences, policymaking, and heritage conservation—aiming to foster innovative and sustainable solutions to energy use in the context of the built environment.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Emerging technologies in renewable energy;
- Integration of photovoltaics (PV), photovoltaic-thermal (PVT), and solar thermal (ST) technologies in the built environment;
- Integration of wind system technologies and wind farms;
- Geothermal, hydropower, and ocean energy;
- Digital tools for renewable energy integration;
- Renewable energy policies and regulation;
- Design criteria for renewable energies;
- Integration of renewable energies in heritage areas and buildings;
- Renewable energies in urban design;
- Energy landscapes;
- Case study and applications.





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)