



Advanced Technologies and Applications in Sustainable Architecture and Urban Design

Guest Editors:

Prof. Dr. Jianghua Wang

School of Architecture, Tianjin
Chengjian University, Tianjin
300380, China

Prof. Dr. Bin Yang

1. School of Energy and Safety
Engineering, Tianjin Chengjian
University, Tianjin 300384, China
2. Department of Applied Physics
and Electronics, Umeå University,
901 87 Umeå, Sweden

Deadline for manuscript
submissions:
closed (10 July 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to bring together high-quality works on theories, frameworks, perspectives, literature reviews, technology applications, case studies, and innovative research and development that have been developed worldwide in the search for answers to these questions. The results or key findings of these works will provide a strong reference for subsequent scholars and researchers.

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

- Big data mining, analysis and utilization;
- AI applications in architecture and urban planning;
- Automation in sustainable architecture;
- Robotic architecture;
- Green renovation of existing building;
- Performance-based sustainable architecture and urban research.

We look forward to receiving your contributions.





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)