



Future Prospects in Life Cycle Assessment and Green Building

Guest Editor:

Dr. Svetlana Pushkar

Department of Civil Engineering,
Ariel University, Ariel 40700, Israel

Deadline for manuscript
submissions:

closed (29 February 2024)

Message from the Guest Editor

Dear Colleagues,

Our new Special Issue is well known that the terms life cycle assessment (LCA) and green building were introduced in the second half of the 20th century. Despite the fact that LCA became widespread in green buildings at the beginning of the 21st century, there are nevertheless scientific areas that still require intensive research.

Authors may submit contributions dealing with, but not limited to, the following:

- At the level of building materials: the replacement of individual components of cement/concrete/reinforced concrete with waste or by-products.
- At the building structural level: the replacement of a reinforced concrete structure with a wooden one.
- At the non-structural level: the examination of a longer life of non-structural components to mitigate maintenance activities.
- At the envelope level: the examination of the impact of green walls, green roofs, and differing architectural forms for reducing building operating energy.
- At the urban level: the current trend of urban green infrastructure planning using LCA in modern architecture and urban planning.





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)