

Special Issue

Future Prospects in Life Cycle Assessment and Green Building

Message from the Guest Editor

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.

Guest Editor

Dr. Svetlana Pushkar
Department of Civil Engineering, Ariel University, Ariel 40700, Israel

Deadline for manuscript submissions

closed (29 February 2024)



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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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

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