

Special Issue

Innovations and Challenges in Sustainable Building Development: Materials, Design, Technologies, and Management

Message from the Guest Editors

This Special Issue, entitled “Innovations and Challenges in Sustainable Building Development: Materials, Design, Technologies, and Management”, aims to provide an overview of current achievements and current challenges in sustainable development in civil engineering. The scope of this Special Issue includes topics related to the sustainable development of construction, such as the following: the development and use of eco-friendly building materials, the introduction of design approaches that result in a decrease in material and energy consumption, the possibility of using novel technologies that enhance energy efficiency, and the implementation of sustainable management practices in construction processes. This Special Issue aims to consider both theoretical and practical perspectives, demonstrating the potential of modern materials, design approaches, and advanced technologies in construction from the perspective of sustainability. Together, these will contribute to the sustainable development of the construction industry.

Guest Editors

Dr. Maria Ratajczak

Dr. Monika Siewczyńska

Dr. Piotr Nowotarski

Dr. Patrick Dallasega

Deadline for manuscript submissions

31 August 2025



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/207780

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. *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.

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)