Special Issue

Innovations in Bio-Inspired Materials for Sustainable Construction Evolution

Message from the Guest Editors

Dear Colleagues: This Special Issue explores the multifaceted dimensions of sustainable and green building materials, as well as their diverse applications, performance characteristics, and life cycle assessments. Contributions to this Special Issue will not only elucidate the technical aspects of these materials but also address their economic viability and social impact and foster a comprehensive understanding of their benefits. By delying into this critical aspect of construction, we aim to provide a platform for researchers, engineers, and practitioners to share cutting-edge insights, advancements, and solutions that contribute to a more sustainable and resilient built environment. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: Eco-friendly cementitious composites; sustainable concretes; green pavements; textile-reinforced mortars; waste/recycled materials; bio-based materials; mechanical/durability properties; and sustainability analysis of construction materials. We look forward to receiving your contributions. Team

Guest Editors

Prof. Dr. Mujib Rahman

Dr. Payam Sadrolodabaee

Dr. Moura Mehravar

Dr. Bahman Ghiassi

Deadline for manuscript submissions

31 October 2025



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/197429

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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 OC5, 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, CAPlus / SciFinder, and other databases.

Journal Rank:

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

