

Special Issue

Advances in Sustainable Building Materials and Concrete Technologies

Message from the Guest Editors

It is our pleasure to introduce this Special Issue. Building materials and concrete technologies are the foundation of the sustainable development of civil engineering and the construction industry. Therefore, it is very important to improve the performance of building materials and concrete. This Special Issue welcomes original and review articles and case studies that address the challenges and opportunities of using sustainable building materials and concrete technologies, providing readers with insights into the latest state-of-the-art research and practices related to civil engineering construction. Research areas for consideration in this Special Issue may include, but are not limited to, the following:

- High-performance sustainable building materials;
- Green and intelligent building materials;
- Mechanical properties of sustainable building materials;
- Durability of sustainable building materials;
- Fire protection properties of sustainable building materials;
- Thermal insulation performance of sustainable building materials;
- Construction technologies of sustainable building materials and concrete.

Guest Editors

Dr. Zigeng Wang

College of Architecture and Civil Engineering, Beijing University of Technology, Beijing 100124, China

Dr. Lan-Ping Qian

Department of Civil Engineering, Beijing University of Technology, Beijing 100124, China

Deadline for manuscript submissions

20 October 2025



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/222671

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)