



Sustainable Building Materials: Innovations and Trends in Green Construction

Guest Editor:

Dr. Svetlana Pushkar

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

Deadline for manuscript
submissions:

closed (15 January 2026)

Message from the Guest Editor

Dear Colleagues,

We are pleased to announce the launch of a new Special Issue, “Sustainable Building Materials: Innovations and Trends in Green Construction,” in the journal *Sustainability*. In 1987, the concept of sustainable development was defined as “the ability to meet the needs of the present without compromising future generations' ability to meet their own needs.” This principle drives the shift from non-renewable to renewable energy sources, changing our perspective on building materials' role in construction.

Historically, with coal and gas dominating energy production, building materials accounted for roughly 20% of total energy use, while operational energy represented 80%. As solar energy becomes more prevalent, this balance will shift, with building materials comprising up to 80% of energy use. Therefore, it is crucial to explore innovative, cost-effective, and sustainable building materials.

We invite potential authors to submit original research and reviews on this topic.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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.

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)

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](#)