

Special Issue

Sustainable Building Materials: Innovations and Trends in Green Construction

Message from the Guest Editor

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.

Guest Editor

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Deadline for manuscript submissions

closed (15 January 2026)



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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. 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

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