

Special Issue

Future Trends in Sustainable Buildings: Materials, Technologies, and Computational Approaches

Message from the Guest Editors

This Special Issue encourages interdisciplinary contributions from fields such as materials science, civil, and environmental engineering, architecture, and computer science, while also welcoming research from other related disciplines, focusing on but not limited to the following topics:

- The development and application of sustainable materials for building construction and maintenance, including recycled concrete aggregates, phase change materials, geopolymers, and bio-based or natural materials, to enhance environmental performance and resource efficiency.
- Exploration of innovative and sustainable construction technologies, such as 3D printing, modular construction, and robotics, for reducing material waste, enhancing efficiency, and promoting environmental sustainability in building practices.
- Advanced computational techniques, such as energy simulation, numerical modeling, and data analysis, for building design and management.

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Deadline for manuscript submissions

30 April 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/217710

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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.

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