

Special Issue

Nanotechnology in Sustainable Construction Engineering: Innovations and Applications

Message from the Guest Editor

This Special Issue seeks to consolidate recent research and foster interdisciplinary dialogue on nanotechnology applications that enhance the sustainability, durability, and performance of construction materials and systems. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Novel nanomaterials for enhancing concrete properties and sustainability;
- Nanoengineered solutions for ultra-high-performance and eco-efficient concrete;
- Nanotechnology for energy-efficient buildings and infrastructure;
- Nano-sensors and monitoring systems for structural health;
- Challenges and opportunities in scaling up nanotechnology for construction;
- Safety considerations and risk assessment of nanomaterials in construction;
- Innovative applications of nanotechnology in sustainable retrofitting and rehabilitation.

I look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2025)



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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. 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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