

Special Issue

Low-Carbon Cement Composites for Sustainable Future

Message from the Guest Editors

Construction industry is one of the biggest contributors to GHG emissions, especially CO₂. Many countries have committed to achieve net-zero emissions by 2050. The development and understanding of novel low-carbon materials, smart intelligent materials, and advanced cement-based composites are essential to establish circularity and build sustainable and resilient infrastructure. Rapid progression in this research area is necessary to tackle climate change and its impacts. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Low-carbon binders;
- Utilisation of waste/recycled materials;
- Self-healing materials;
- Novel repair materials;
- Thermally conductive materials;
- Self-sensing materials;
- Micro- and nano-mechanisms;
- New test methods;
- Durability and long-term performance;
- Standards, policies and life cycle assessments;
- Applications and case studies.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

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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

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