

Special Issue

Sustainable Innovations in Green Building Materials and Structural Design for Carbon Neutrality

Message from the Guest Editors

The construction industry plays a crucial role in achieving global carbon neutrality, yet it remains one of the largest contributors to carbon emissions and environmental resource consumption. In this context, green and low-carbon materials, coupled with efficient and sustainable structural systems, are essential to promoting eco-friendly, resilient, and energy-efficient buildings.

This Special Issue aims to gather the latest research, development, and applications of green building materials and low-carbon structural systems. It welcomes studies on innovative cementitious binders, recycled and waste-derived construction materials, and bio-based composites, as well as research on prefabricated, modular, or resilient structures designed to meet sustainability goals. Contributions related to life cycle assessment (LCA), carbon footprint analysis, smart material applications, and green construction policies and practices are also encouraged.

Guest Editors

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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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