

Special Issue

Green Paths towards High-Performance Sustainable Concrete and Cement Materials

Message from the Guest Editors

A global imperative for sustainable construction has emerged as a pressing issue, standing at a pivotal moment that calls for immediate action. The current Special Issue aims to gather novel approaches towards sustainable concrete and collect assessments of their implementation level. Minimizing carbon footprints, controlling energy consumption, and reducing dependence on finite raw material resources are continuously pursued towards sustainability by reusing and recycling unconventional materials. This pursuit could entail the deliberate substitution of conventional mix design materials for green materials like non-potable water and recycled materials instead of cement and aggregates without compromising strength and durability properties. The critical importance of these eco-friendly strategies lies not only in their positive impact on the environment but also in their potential economic benefits.

Research areas may include (but are not limited to) the following: low-cement concrete, concrete sustainability, concrete durability, sustainability, green construction, and sustainable cement materials.

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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