

Special Issue

Comprehensive Application of Concrete for Sustainability in Construction and Green Building

Message from the Guest Editors

Concrete is the most widely used construction material, essential for modern infrastructure and sustainable building development. With growing attention to green construction and environmental responsibility, researchers are exploring innovative ways to enhance the durability, mechanical performance, and energy efficiency of concrete. Integrating advanced materials, structural analysis, and sustainable design is key to achieving both performance and sustainability goals. This Special Issue highlights current advances in concrete applications that support green building strategies. Interdisciplinary studies combining experimental, computational, and analytical perspectives are encouraged. **Topics include:** advanced concrete materials, structural modeling, durability and long-term performance, sustainable applications, innovations for energy-efficient buildings, life-cycle assessment, and integration with green certification.

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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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