

Special Issue

Sustainable Cementitious Composites

Message from the Guest Editors

In the face of escalating climate challenges and growing demand for high-performance infrastructure, the advancement of sustainable, low-carbon concrete has become both an environmental imperative and a technological frontier. This Special Issue aims to showcase the latest research efforts that integrate low-carbon design with advanced performance enhancement technologies for concrete materials and structures. Emphasizing the full pathway “from materials to structures,” this Special Issue welcomes contributions that bridge fundamental materials science with structural-scale application and durability, especially through the use of emerging technologies such as AI, nanotechnology, and smart sensing systems. The topic of this Special Issue is well-aligned with the scope of journals that focus on construction materials, structural mechanics, sustainable infrastructure systems, life-cycle performance, and digital engineering. This Special Issue ensures thematic coherence, while remaining broad enough to attract interdisciplinary contributions from researchers in fields of material science, structural engineering, environmental technology, and digital construction.

Guest Editors

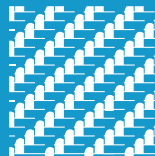
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Editor-in-Chief

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