

Special Issue

Smart and Low-Carbon Concrete Composites

Message from the Guest Editors

We are pleased to invite you to contribute to this Special Issue, which aims to present cutting-edge research and comprehensive reviews in the field of high-performance and sustainable cementitious materials. By bridging novel material design, service life prediction, corrosion inhibition, and thermal energy management, this Special Issue seeks to address current challenges and promote innovations for concrete infrastructures and buildings, especially in marine, underground, and coastal environments. This Special Issue aims to provide a comprehensive platform for recent developments in concrete durability enhancement, low-carbon cementitious composites, and multifunctional material systems that address both mechanical and environmental performance. It aligns well with the journal's scope by emphasizing material innovation, structural health monitoring, energy efficiency, and lifecycle sustainability in construction engineering. We look forward to showcasing the latest advancements that push the boundaries of durable and sustainable cement-based materials, and hope to hear from you.

Guest Editors

Dr. Zhe Li

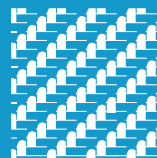
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Deadline for manuscript submissions

30 June 2026



Journal of Composites Science

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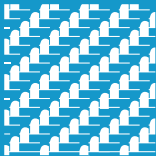
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Editor-in-Chief

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