



Cement-Based Polymeric Composites: Design, Synthesis and Properties

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Message from the Guest Editors

Cement-based composites are the construction material of choice. However, with the global demand for cementitious materials rising and the associated depletion of resources and pollution, there is a need for higher-performance, smarter and ultimately more sustainable cementitious composites. In response to this challenge, the cementitious materials community is developing new cementitious materials containing a growing range of non-conventional additives with high-performance and emergent functional properties.

This Special Issue will curate recent advances in the design, synthesis, characterization, and utilization of cementitious composites, highlighting some of the challenges in the development and implementation of these materials. Topics will include but are not limited to:

- Novel non-conventional cementitious composites, including those with fiber and textile reinforcement, and nanoparticle and smart additives;
- The functional performance;
- Application of these materials.





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Message from the Editor-in-Chief

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