# **Special Issue**

# Research on Sustainable Cement-Based Composites

# Message from the Guest Editors

The construction industry faces environmental pressures and aims to become more sustainable. This Special Issue focuses on "Sustainable Cement-Based Materials" and compiles the latest research progress in this area. It explores methods for designing new materials and using energy-saving alternatives to Portland cement and natural sand. The issue covers innovative solutions such as phase-change materials, low-heat cement, insulating materials, geopolymers, nanotechnology, waterproof coatings, and self-healing technologies. Contributions are sought for original research or review articles that promote sustainability in cement-based materials. Topics of interest include energy-saving materials, lightweight and recycled concrete, phase-change materials, low-heat cement, durability issues, corrosion protection, microcapsulebased self-healing structures, creep behavior, intelligent concrete, and durability prediction using Al. We invite contributions to further the progress of sustainable cement-based materials and promote the industry's environmental friendliness, energy efficiency, and sustainability. Sincerely,

#### **Guest Editors**

Dr. Yi Xu

College of Civil and Transportation Engineering, Hohai University, Nanjing 210098, China

Prof. Dr. Zijian Song

College of Civil and Transportation Engineering, Hohai university, Nanjing 211100, China

#### Deadline for manuscript submissions

closed (30 October 2024)



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# Message from the Editor-in-Chief

#### Editor-in-Chief

Dr. Francesco Tornabene

Department of Innovation Engineering, University of Salento, 73100 Lecce, Italy

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