Special Issue

Advanced Research on Cementitious Composites for Construction

Message from the Guest Editors

Cementitious composite materials have attracted significant attention in the construction industry due to their excellent mechanical properties and durability. This Special Issue launched by *Buildings* aims to publish cutting-edge research in the field of cementitious composite materials, fostering international academic exchange and contributing to the research and applications in this area. This Special Issue will focus on, but is not limited to, the following topics:

- Fiber-reinforced cementitious composite materials;
- Mechanical properties of cementitious composite materials;
- Durability of cementitious composite materials;
- Performance of cementitious composite materials under extreme conditions;
- Cementitious composite materials in structural applications;
- Sustainable development of cementitious composite materials.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

Editor-in-Chief

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