



Advanced Research on Functional Cement-Based Composites

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Message from the Guest Editors

Topics of interest include, but are not limited to, the following:

- ▶ Self-healing and self-immune cement-based composites;
- ▶ Inspection and assessment of cement-based composites;
- ▶ Protection and strengthening of cement-based composites;
- ▶ Thermal storage cement-based composites;
- ▶ Cement-based composites with recycled materials;
- ▶ Cement-based composites with green materials.

For more information, please click on the link below:

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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.

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