



materials



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Novel Approaches in Concrete and Building Materials

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Message from the Guest Editors

Dear Colleagues,

Today, concrete and other cement-based materials are one of the most widely used construction materials. Despite characteristics such as high mechanical strength, low cost, availability, and durability of concrete and cement-based materials, there are some issues associated with these materials that are the subject of current and/or future research. Efforts are being made to improve the aforementioned characteristics of these materials. While increases in compressive strength and durability and decreases in permeability and costs are being considered, at the same time, there is growing concern over the environmental impacts of these materials. A review of the literature demonstrates that, topics such as physical, mechanical, durability, economic and environmental characteristics of concrete and other cement-based materials have been increasingly considered by researchers. The present Special Issue pays particular attention to the utilization of AI-based hybrid approaches to achieve improved solutions.



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Special Issue



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Message from the Editor-in-Chief

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