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Advances in Cement-Based and Construction Materials

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Message from the Guest Editors

Dear Colleagues,

Cement-based materials have always been the main choice for the construction of civil engineering infrastructures. Introducing alternative binders such as alkali-activated materials, modifying microstructures of cement-based materials by using various types of nanomaterials, developing recycling strategies, CO2 mineralization, and digital construction, and 3D printing materials are all among the most recent developments in the manufacturing of functionally advanced construction materials. In addition, advancements in material characterization techniques can help to better understand the performance of construction materials, leading to the promotion of their practical applications.

Considering all the technological and scientific advances in cement-based and construction materials, this Special Issue aims at introducing new techniques and summarizing recent developments in the field, providing a platform for researchers to focus on the current progress and the future of construction materials











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Message from the Editor-in-Chief

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