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Multifunctional Cementitious Composites: Manufacturing and Characterization

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Message from the Guest Editors

Dear Colleagues,

The development of multifunctional cementitious composites has been a hot topic in the construction industry for the past decades. Techniques developed in other fields have been used to create multifunctional cementitious composites beyond what is possible with conventional technologies.

The aim of this Special Issue of *Materials* is to cover recent research in multifunctional cementitious composites with various functions, e.g., self-healing, self-sensing, self-cleaning, air-purifying, and so on. The focus is on the manufacturing process, material structure, and properties characterization and modelling of these materials on multiple length scales, ranging from the microscale (pore-scale) all the way up to the macroscale (structural element/structure scale). Mechanical properties, cracking, damage, time-dependent phenomena (shrinkage, creep, fatigue), aging, and durability properties are all topics of interest.



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Special Issue



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Message from the Editor-in-Chief

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