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Long-Term Behavior of Cementitious Materials and Reinforced Concrete Structures

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Deadline for manuscript submissions:

closed (20 January 2022)

Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue is to cover recent research in time-dependent phenomena (shrinkage, creep, fatigue), aging, and durability of cementitious materials and reinforced concrete structures, including their service life design. The focus is on measuring, modeling, and monitoring these processes on multiple length scales, ranging from the microscale (pore-scale) all the way up to the macroscale (structural element/structure scale). Transport processes, cracking, damage, reinforcement corrosion, and loss of serviceability are all topics of interest. Furthermore, contributions dealing with the long-term performance of new types of concrete on all length scales are especially encouraged.

It is our ambition to circulate the latest knowledge in the long-term performance of cementitious materials and reinforced concrete structures. Excellent contributions will form a basis for new research for both young researchers as well as leading experts in the field.



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Message from the Editor-in-Chief

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