



Advances in Fabric-Reinforced Cementitious Matrix (FRCM) and Fiber-Reinforced Polymers (FRP) Applications Under Extreme Conditions

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue targets recent research related to the recent advances in the applications of the different types of FRCM and FRP composites in engineering in general and in concrete structures in particular. Topics may include the durability and overall performance of structural members reinforced and strengthened with FRCM and FRP composites under severe environmental exposure, sustained loading, elevated temperatures, seismic activity, fatigue, fire, blast, and impact. This Special Issue may also address topics related to the FRP strengthening of steel structures, advances and new technologies in FRP bond mechanisms, and the recent usage of prestressed FRP in reinforcing and strengthening structures. Ideally, contributions will focus on experimental tests, finite element and numerical analysis, theoretical and code equations, algorithms, and statistical applications that will help to compile the current state of the art and to highlight the range of their applications. Both original contributions and review articles are welcome.

Prof. Dr. Farid Abed

Guest Editor





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