

Special Issue

Research and Enhancement of Mechanical Properties of Cementitious Materials

Message from the Guest Editors

Various cementitious materials have recently been introduced and developed for sustainability and multi-functionality. This Special Issue focuses on reporting state-of-art studies regarding the advancement of mechanical properties of various cementitious materials. The intention is to present novel experimental/analytical approaches for characterizing the mechanical properties of cementitious materials in the context of civil infrastructure that reflect contemporary understanding. In addition, submissions on state-of-art modeling techniques and innovative experimental approaches are highly encouraged. The submission of original research articles, critical review articles, and experimental and analytical studies focused on the mechanical properties of advanced cementitious materials for the structural components and systems is warmly encouraged. Topics of interest for this Special Issue include but are not limited to the following: Traditional/supplementary cementitious materials; Macro/micro/nanomaterials reinforced concrete; Effect of various loading types; Time-dependent behavior and durability; Experimental approaches and modeling.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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