



Novel High-Performance Building Materials and Structures

Guest Editor:

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Message from the Guest Editor

High performance in buildings is achieved through a combination of the structure and material. Integrated research into topics such as the use of a variety of high-performance structural materials, including concrete, steel, fiber-reinforced cement, fiber-reinforced plastics, polymer materials, brick materials, and coatings to increase the performance of structures has helped to improve not only structural performance but also durability, resilience, and sustainability.

The goal of the Special Issue is to cover research on, among others, traditional materials and high-performance materials used in buildings and different novel materials used in bridge structures.

More specifically, some of the topics invited include: design of structures using high-performance materials; evaluation of seismic performance to experimentally characterize material performance; seismic retrofit and modular structure using different materials. Material experimental studies that improve the performance of structures are also welcome.





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Message from the Editor-in-Chief

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