Special Issue

Research on the Seismic Performance of Reinforced Concrete Structures

Message from the Guest Editor

The seismic performance of concrete structures has been a hot topic in the field of civil engineering. This Special Issue launched by *Buildings* aims to publish research results related to the seismic performance analysis of concrete structures, promote international academic exchanges, and contribute to the earthquake resilience of concrete structures. The Special Issue is focused on, but not limited to, the following topics:

- Seismic performance of prefabricated concrete structures.
- Stability of concrete structures under earthquake.
- Numerical simulation.
- Experimental research.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

Editor-in-Chief

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