Smart Solutions and Structural Systems for Seismic-Resistant Buildings

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Deadline for manuscript submissions:
closed (30 September 2019)

Message from the Guest Editors

The Special Issue is devoted to presenting the most recent research in the field of seismic design and analysis. In particular, its aim is to collect papers regarding both the assessment of original state-of-the-art and the new design and analysis methods available for structures in seismic areas.

mdpi.com/si/23703

Special Issue

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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.

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