Special Issue

Computational Modeling Strategies for Seismic Assessment of Unreinforced, Reinforced, and Confined Masonry Structures

Message from the Guest Editors

In this regard, this Special Issue aims to collect the most recent developments and knowledge in computational structural mechanics associated with the seismic assessment of masonry structures. We invite original contributions to the seismic assessment of unreinforced, reinforced, and confined masonry structures using up-to-date computational modeling strategies, case studies, and critical literature reviews. For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/buildings/special_issues/Masonry_Seismic

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Deadline for manuscript submissions

closed (30 November 2022)

Buildings

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CiteScore 4.4

mdpi.com/si/95523

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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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