

# Special Issue

## Forensic Earthquake Engineering, Natural and Manmade Disasters

### Message from the Guest Editors

The subject of this Special Issue is rather similar to the well known “forensic medicine”, but it deals with buildings and/or structures. Here, we explore many issues, such as the following: how to handle the existing debris; how to demolish the remaining structure (these are tokens); what are the minimum necessary laboratory tests of the crucial materials and their position; comparison of the building permit and initial design of the building structure; the reconstruction in drawings of the damaged/collapsed structure; the degree of compliance of the building structure with the technology; the state of the art and the relevant legislations that were in force at the time of the construction and design of the project; and the selection and evaluation of related witnesses. This Special Issue may function as a forum where the basic concepts and practices, which are applied in various countries on the subject of buildings, might be presented in order for the involved stakeholders to be updated and helped. For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/buildings/special\\_issues/ZWAKC5Y020](https://www.mdpi.com/journal/buildings/special_issues/ZWAKC5Y020)

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### Guest Editors

Prof. Dr. Panayotis Carydis

Prof. Dr. Efthymios Lekkas

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### Deadline for manuscript submissions

31 October 2025



## Buildings

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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.

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### Editor-in-Chief

Prof. Dr. David Arditi

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indexed within SCIE (Web of Science), Scopus, Ei Compendex, Inspec, and other databases.

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JCR - Q2 (Construction and Building Technology) /  
CiteScore - Q1 (Architecture)

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).