# Special Issue

# The Vibration Control of Building Structures

## Message from the Guest Editors

This Special Issue is dedicated to research on the vibration control of building structures. Papers within the Special Issue must focus on one of the following subjects:

- Vibrations transmitted to constructions from external sources of vibrations, shocks, and explosions;
- Vibrating movements of constructions with earthquakes as the source;
- Structural vibrations produced by dynamic equipment installed on foundations or construction elements of the building envelope;
- The passive isolation of building vibrations using various systems and materials;
- The control of vibrations and structural noise transmitted in buildings;
- Comfort conditions in constructions for noise and vibration pollution;
- Methods and dynamic equipment for building foundations on natural land with material additions (foundations for public buildings and foundations for roads);
- Systems used for the monitoring, acquisition, and processing of acceleration signals of seismic movements intended for buildings located in areas with significant seismicity.

## Guest Editors


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## Deadline for manuscript submissions

closed (31 January 2026)


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

**Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).