

Special Issue

Influence of Environmental Vibration on Building Comfort

Message from the Guest Editor

Buildings invites researchers studying various topics related to the influence of environmental vibrations on building comfort to submit their work for possible publication in a [Special Issue](#) entitled “[Influence of Environmental Vibrations on Building Comfort](#)”.

Contributions related to, but not limited to, the following aspects of building vibrations will be considered:

- The evaluation of human response to vibrations.
- The evaluation of forcing functions for building dynamic response predictions.
- Computer modeling of building structures subjected to various dynamic loads.
- Tests to estimate the dynamic properties of building structures and their components.
- Comparisons of analytical and experimental building models susceptible to excessive vibrations.
- Remote monitoring of building vibrations and comparison with analytical predictions.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2024)



Buildings

an Open Access Journal
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Impact Factor 3.1
CiteScore 4.4



mdpi.com/si/205026

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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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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).