

# Special Issue

## Recent Studies in Static and Dynamic Behaviour of Engineering Structures

### Message from the Guest Editors

Engineering structures are very important to people and society. It is crucial to understand the static and dynamic behaviours of engineering structures in order to enhance their design, construction, maintenance, management, etc. However, this understanding is challenging for many structures. On the one hand, under different loads, the same structures have different behaviours; on the other hand, different structures present varying behaviour when subjected to different loads. Thus, this [Special Issue](#) provides a forum for recent studies on the static and dynamic behaviours of engineering structures. Topics of interest for this Special Issue may include, but are not limited to, the following:

- Engineering structures such as bridges, buildings, infrastructures, etc.
- Static loads such as fires, snow, heavy furniture, etc.
- Dynamic loads such as seismic loads, wind loads, traffic loads, human-induced loads, etc.

For scholars interested to submit papers to the [Special Issue](#), please click “Submit to Special Issue” or contact Astoria Yao: [astoria.yao@mdpi.com](mailto:astoria.yao@mdpi.com).

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### Guest Editors

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Prof. Dr. Zhihao Wang  
Prof. Dr. Junfeng Jia  
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### Deadline for manuscript submissions

closed (20 August 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.

#### Journal Rank:

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

#### Rapid Publication:

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).