buildings

an Open Access Journal by MDPI

IMPACT FACTOR 3.1

CITESCORE 4.4

# Recent Studies in Static and Dynamic Behaviour of Engineering Structures

Guest Editors:

**Dr. Xinzhi Dang**

**Prof. Dr. Zhihao Wang**

**Prof. Dr. Junfeng Jia**

**Dr. Xinxin Wei**

**Prof. Dr. Murat Dicleli**

Deadline for manuscript submissions:
**closed (20 August 2025)**

## 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.

*buildings*

IMPACT FACTOR 3.1

CITESCORE 4.4

an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. David Arditi**
Construction Engineering and Management Program, Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology, 3201 South Dearborn Street, Chicago, IL 60616, USA

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.
**High Visibility:** indexed within SCIE (Web of Science), Scopus, Ei Compendex, Inspec, and other databases.
**Journal Rank:** JCR - Q2 (Construction and Building Technology) / CiteScore - Q1 (Architecture)

## Contact Us

*Buildings* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/buildings
buildings@mdpi.com
𝕏@Buildings_MDPI