

# Special Issue

## Building Physics, Structural and Safety Engineering

### Message from the Guest Editors

The subjects of building physics, structural and safety engineering have always been popular research topics for global scientists across many fields, including, but not limited to, architecture, civil engineering, and safety engineering. In recent years, considerable scientific progress has been achieved regarding the related research themes. The main theme of this [Special Issue](#) is dedicated to the recent advances in the design, theoretical, numerical, and experimental study of building physics, structural and safety engineering. The topics of particular interest of this Special Issue include (but are not limited to):

- Safety engineering;
- Buildings system and building materials;
- Energy and environment;
- Green building and architecture;
- Structural engineering;
- Disaster Prevention and Mitigation Project;
- Smart materials and structures;
- Construction and composites;
- Structural health monitoring;
- Civil engineering and architecture.

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

Prof. Dr. Xin Ren

Dr. Yaolin Lin

Dr. Teng Shao

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### Deadline for manuscript submissions

closed (20 April 2023)



## 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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### Author Benefits

#### 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)

#### 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).