

# Special Issue

## Advanced Composite Materials for Structure Strengthening and Resilience Improving

### Message from the Guest Editors

It is our honour to announce this Special Issue of *Buildings*, which will focus on Advanced Composite Materials for Structure Strengthening and Resilience Improving. This Special Issue aims to highlight recent scientific achievements in mechanics, technology, and analysis of composite materials and structural elements at an advanced level. Related topics include, but are not limited to:

- Mechanics of composite materials for structures strengthening;
- Design of resilience structures strengthening by composite materials;
- manufacturing technology of composite materials;
- experimental or numerical study of composite materials and devices;
- experimental or numerical study of structures strengthening by composite materials;
- Smart composites.

### Guest Editors

Dr. Xinghuai Huang

School of Civil Engineering, Southeast University, Nanjing 211189, China

Dr. Yeshou Xu

School of Civil Engineering, Southeast University, Nanjing 211189, China

### Deadline for manuscript submissions

closed (30 December 2023)



## Buildings

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*Buildings*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[buildings@mdpi.com](mailto:buildings@mdpi.com)

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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

Construction Engineering and Management Program, Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology, 3201 South Dearborn Street, Chicago, IL 60616, USA

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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).