

Special Issue

Disaster-Resilient Buildings and Offshore Structures

Message from the Guest Editors

We seek contributions on structural dynamics, earthquake-resistant design, wind-induced vibration, soil–structure interaction, and performance-based engineering. Topics of interest include structural vibration control, intelligent damping systems, damage identification, structural health monitoring, and retrofit optimization. Studies addressing high-rise buildings, wind turbines, wind farms, and offshore support structures under multi-hazard loading are particularly encouraged. Submissions may present analytical, numerical, experimental, or data-driven approaches that enhance safety, serviceability, and post-disaster functionality. We additionally seek research on innovative structural systems, advanced materials, and integrated monitoring technologies for both the new construction and strengthening of existing infrastructure. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/buildings/special_issues/X99O8803M7

Guest Editors

Dr. Muhammad Moman Shahzad
Dr. Xinwei Wang
Dr. Ghazanfar Anwar

Deadline for manuscript submissions

31 December 2026



Buildings

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.4



[mdpi.com/si/273541](https://www.mdpi.com/si/273541)

Buildings
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
buildings@mdpi.com

[mdpi.com/journal/
buildings](https://www.mdpi.com/journal/buildings)





Buildings

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.4



[mdpi.com/journal/
buildings](https://mdpi.com/journal/buildings)



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

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

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 15.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).