

Special Issue

Safety Management and Occupational Health in Construction

Message from the Guest Editors

The construction industry remains one of the most hazardous sectors worldwide, with workers often facing risks leading to injuries, illnesses, and fatalities. As construction projects grow more complex, ensuring effective safety management and occupational health practices is crucial to protect workers and maintain project efficiency. Focusing on construction safety, occupational health, and risk management, this issue will bring together the latest research, new methods, practical case studies, and practical applications of AI that enhance safety management strategies and occupational health frameworks in construction. We invite academics, researchers, industry professionals, and policymakers to submit original research articles, reviews, and case studies addressing key challenges and solutions in construction safety. We also invite articles on how AI-powered technologies can enhance hazard detection, safety training, and decision-making in construction. We welcome interdisciplinary approaches combining engineering, AI, safety science, management, and emerging technologies to advance construction safety and occupational health knowledge.

Guest Editors

Dr. Krishna Kisi

Department of Engineering Technology, Texas State University, San Marcos, TX 78666, USA

Dr. Kishor Shrestha

Voiland College of Engineering and Architecture, Washington State University, Pullman, WA 99164, USA

Deadline for manuscript submissions

closed (31 March 2026)



Buildings

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.4



mdpi.com/si/237694

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

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