Special Issue

Occupational Safety and Health in Building Construction Project

Message from the Guest Editors

This Special Issue seeks to gather original research that bridges disciplines of occupational health and safety in construction projects, contributing to the healthy and sustainable development of the construction industry. Key topics of interest include workplace stress, job burnout, mental health, occupational disease, well-being at work, the work–family interface, accidents, safe/unsafe behavior, safety climates/cultures, AI-based safety and health management, the application of BIM in safety control, safety and health management in human–robot interactions (HRIs), etc. We welcome both qualitative and quantitative research, provided that submissions are underpinned by rigorous logical frameworks, theoretical bases, or are supported by empirical data. In addition, we encourage the use of novel theories, research methodologies, and tools.

Guest Editors

Prof. Dr. Guodong Ni

Dr. Chunlin Wu

Dr. Fan Yang

Dr. Miaomiao Niu

Deadline for manuscript submissions

31 October 2025

Buildings

an Open Access Journal by MDPI

Impact Factor 3.1
CiteScore 4.4

mdpi.com/si/216061

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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.

Editor-in-Chief

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