Special Issue

Proactive and Advanced Research on Construction Safety Management

Message from the Guest Editors

While there has been much in the way of research on occupational health and safety issues, the construction industry still shows poor safety levels in terms of accident likelihood and severity worldwide. This Special Issue covers the general areas relating to construction safety and management, including system, policy, organizational and technical aspects. This Special Issue aims to collate state-of-the-art developments in this area; papers are invited that address the development of construction safety and management, including, but not limited to:

- Construction safety policy and regulation.
- Design for safety/prevention through design.
- Construction safety management.
- Accident analysis and investigation.
- Digital and smart technology for safety.
- Off-site construction for safety.
- Worker behavior and safety.
- Risk assessment.
- Other topics on health and safety in construction.
- We look forward to receiving your submissions.

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/buildings/special_issues/ Proactive_Safety

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)

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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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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).