

## Special Issue

# Advances in Safety and Health at Work in Building Construction

### Message from the Guest Editors

The construction industry is vital to economic development, infrastructure improvement, and societal progress. However, it is also one of the most hazardous sectors for workers, characterized by a multitude of risks ranging from stress, poor mental health, suicidal ideation, falls, and accidents to exposure to hazardous materials. Ensuring the safety and health of construction workers is paramount to the sustainability and success of the industry. With the rapid advancement of technology, there are unprecedented opportunities to innovate safety practices and leverage tools such as wearable devices, drones, and artificial intelligence to enhance safety and health outcomes. We invite researchers, practitioners, policymakers, and industry experts to contribute original research articles, reviews, case studies, and perspectives that advance our understanding and practice of safety and health in construction. Contributions should address current challenges, propose innovative solutions, and offer practical insights to improve safety standards and promote good health and well-being in the construction industry.

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### Guest Editors

Dr. Riza Yosia Sunindijo

Dr. Janet Mayowa Nwaogu

Dr. Xiaowei Wang

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### Deadline for manuscript submissions

30 April 2025



## Buildings

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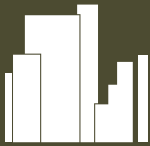
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MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[buildings@mdpi.com](mailto:buildings@mdpi.com)

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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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indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Civil) / CiteScore - Q1 (Architecture)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.2 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2024).