Special Issue

Inclusion, Safety, and Resilience in the Construction Industry

Message from the Guest Editors

The construction industry stands as a vital pillar of our society, yet it grapples with multifaceted challenges related to inclusion, safety, and resilience. Safety, being of paramount importance in construction due to its inherent risks, involves a comprehensive examination of the most up-to-date safety practices, technological innovations, and behavioral strategies aimed at mitigating accidents and injuries on construction sites. This Special Issue seeks to illuminate the research surrounding these pressing concerns and their interconnectedness within the construction domain. Topics of interest include but are not limited to: (1) exploring strategies to foster diversity and inclusivity in construction organizations, emphasizing ethnic and gender diversity, and create equitable workplaces; (2) sharing the latest advancements in safety training, technology, and culture to enhance safety on construction sites and beyond; and (3) delving into risk management, resilient design principles, sustainable practices, and disaster preparedness.

Guest Editors

Dr. Sainan Lyu

Dr. Jingyu Yu

Dr. Beibei Zhang

Dr. Xiaoyan Jiang

Dr. Peng Cui

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

mdpi.com/journal/buildings

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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

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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