Special Issue

Safety, Mental Health and Wellbeing in Construction: Advancing SDG Goals Through Smart Practices

Message from the Guest Editor

The construction industry continues to experience disproportionately high rates of workplace accidents, psychological distress, and suicide compared to other sectors. Despite increased awareness, mental health and wellbeing are still underprioritized in mainstream construction management practices. As global attention shifts toward sustainable and ethical development under the SDG framework, it is important to reimagine how safety and wellbeing are integrated into project delivery. Smart practices, including digital tools, wearable technologies, real-time monitoring, and proactive leadership strategies, offer new opportunities to create safer and more supportive work environments. This Special Issue brings together research that identifies challenges and demonstrates scalable, impactful innovations that support mental and physical health in construction environments. Contributions and submissions will collectively advance a more resilient, ethical, and performance-enhancing construction culture that aligns with global sustainability targets. We look forward to receiving your contributions.

Guest Editor

Dr. Funmilayo Ebun Rotimi
Built Environment Engineering, School of Futures Environment, Auckland University of Technology, Auckland 1010, New Zealand

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

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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