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Construction Workplace Trends and Work Health and Safety

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Deadline for manuscript submissions:
30 November 2024

Message from the Guest Editors

Dear Colleagues,

Construction workplaces are experiencing rapid changes as a result of digitalisation, globalisation, industrialisation and sustainability. The workplace changes have a significant impact on the ways that people work, the environments that they work in, and the conditions under which they do their everyday job. This Special Issue seeks to respond to the challenges to work health and safety (WHS) management in the construction industry brought by the workplace changes.

Topics of interest for this Special Issue include, but are not limited to:

- Technology (e.g., digitalisation and ICT, automation and robotics) and WHS;
- Sustainability and WHS;
- Building resilience for WHS management;
- Offsite construction and WHS;
- Globalisation, cultural diversity and WHS;
- Demographics (e.g., young workers, older workers and female workers) and WHS.

Original research, case studies and reviews are welcome for this Special Issue.

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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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