



Digital Innovations and Smart Technologies for Occupational Health and Safety in Construction

Guest Editors:

Dr. Maxwell Fordjour Antwi-Afari

Department of Civil Engineering,
College of Engineering and
Physical Sciences, Aston
University, Birmingham, UK

Dr. Yantao Yu

Department of Civil and
Environmental Engineering, The
Hong Kong University of Science
and Technology, Clear Water Bay,
Hong Kong 999077, China

Dr. Waleed Umer

Department of Architecture and
Built Environment, Northumbria
University, Newcastle upon Tyne
NE1 8ST, UK

Deadline for manuscript
submissions:

closed (26 March 2023)

Message from the Guest Editors

Occupational health and safety (OHS) is one of the major concerns in the construction industry because of the increased number of fatal and non-fatal injuries among construction workers. It is widely known that these occupational injuries can lead to substantial disorders, project delays, increased project costs, workers' absenteeism, medical burden, and permanent disabilities. Given these adverse effects, there is a need to mitigate occupational injuries in construction by monitoring construction hazards and suggesting proactive injury-preventive measures. With the advancement of digital innovations and smart technologies, there is great potential for researchers and industry practitioners to improve occupational health and safety among construction workers.

The goal of this Special Issue is to publish technical, empirical, and review papers that make practical and theoretical contributions to the cutting-edge digital innovations and smart technologies with the latest research findings and practical interventions to enhance OHS in the construction industry.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)