

Call for Chapters: Construction Safety, Health and Well-being in the COVID-19 Era

Globally, the construction sector accounts for thousands of worker fatalities, injuries and illnesses. The industry is also notorious for poor workforce well-being. The outlook of the industry's occupational safety, health and well-being (OSHW) has been exacerbated by the global COVID-19 pandemic, with thousands and millions of COVID-19 cases recorded in many countries worldwide.

The construction sector is highly labour intensive with operations that are difficult to manage due to the rapidly changing nature of construction sites, the multiplicity of site hazards, activities and trades, and the transience of construction projects. Moreover, construction site operations are often undertaken by teams of workers who work in close proximity to each other. There is also less mechanisation of construction activities in some countries, which implies a greater physical presence of workers on construction sites, which, by extension, implies greater workforce exposure to occupational health and safety hazards. These conditions make the construction workforce susceptible to COVID-19 transmission and infection.

Given that the COVID-19 pandemic has impacted nations on all continents, in similar and different manners/scales, there is a need for a global perspective of the OSHW situation induced by the pandemic in the construction industries of nations. This edited book addresses this need.

This book will coalesce chapters from various countries pertaining to:

- the management of COVID-19 transmission risk – this will capture insights, practices, technologies, and lessons learned relating to what is done/being done/has been done/can be done to prevent or mitigate the risk of COVID-19 transmission among the construction workforce.
- the management of COVID-19 infection cases– this will capture insights, practices, technologies, and lessons learned relating to what is done/being done/has been done/can be done to deal with/manage cases of COVID-19 infection among the construction workforce.
- the impacts of COVID-19 on the OSHW of the construction workforce as well as the management of those impacts.
- implications of the pandemic (at the short, medium, and long-term) for other performance measures of construction projects (e.g., cost, schedule, quality) and most importantly how the pursuit/non-pursuit of such performance measures have impacted/will impact the OSHW of construction workers and professionals in the industry

If you would like to contribute a chapter, kindly submit a chapter summary (using the chapter summary form) to Dr Patrick Manu (patrick.manu@manchester.ac.uk) no later than **31st December 2021**. The chapter summary form can be obtained from Dr Patrick Manu. Case study chapters/contributions are also welcome, especially from industry professionals.

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