

## Peer Review

# Review of: "Tomorrow's Buildings: What Are the Occupational Health and Safety Issues?"

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The review article **"Tomorrow's Buildings: What Are the Occupational Health and Safety Issues?"** presents a comprehensive foresight-based analysis of future occupational health risks in the construction sector, and its main strength lies in its multidisciplinary expert-driven scenario methodology, which systematically integrates digitalisation, environmental transition, and industrialisation as major transformation drivers. However, the study shows several weaknesses, particularly the heavy reliance on qualitative expert opinion rather than empirical or quantitative validation, which limits the generalisability and predictive reliability of its conclusions. Additionally, the study is strongly centred on the French and partially European context, reducing global applicability, especially to developing countries where construction risks and labour conditions differ substantially. The methodology also lacks clear criteria for expert selection, bias mitigation, and reproducibility of scenario construction. To improve the work, the authors should incorporate mixed-method approaches such as quantitative risk modelling, epidemiological occupational injury data, or case-study validation, expand geographic diversity, provide transparent expert recruitment and Delphi-style validation processes, and include measurable indicators or risk prediction frameworks that allow policymakers and industry stakeholders to translate foresight findings into actionable occupational safety strategies.

## Declarations

**Potential competing interests:** No potential competing interests to declare.