

Special Issue

The Role of Digitalized Visual Management in Construction Projects

Message from the Guest Editor

The importance of visual management has been recognized by the lean construction research community. Improved visual management could contribute to reduction in time wasted on construction sites and to empowering the construction worker, thereby contributing to the U.N. Sustainable Development Goals. However, case studies on visual management have highlighted problems with outdated information and information outside of the workers' reach. To achieve better situational awareness, on-site digitalization of visual management tools has been proposed. This Special Issue invites papers that report research on digital visual management and its role in construction projects. Papers can cover implementation issues, technology-related topics, case studies, analysis of benefits and barriers, analysis of relevant data, decision-making analysis from worker point of view and other topics that are related to the overall theme of digitally distributing real-time and relevant information that can serve to increase the situational awareness and autonomy of construction workers and crews.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2022)



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Editor-in-Chief

Prof. Dr. Steve W. Lyon

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