On Studying the Inter-Relationship amongst Sustainable Building Information Modelling (SBIM) Practices Indicators in Construction Projects

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 176
Number 12

Year of Publication: 2020

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10.5120/ijca2020920077

Abstract

In recent years, there have been significant calls for a more technologically driven construction sector which would not meet the expected standards in quality, time and cost but also integrate sustainable principles in delivering its final products. This research study aims at determining and prioritizing the key criteria success factors (CSFs) that can enhance the integration of Building Information Modelling (BIM) and sustainable practices in construction projects. The implementation of these key drivers would help the construction sector to implement sustainable practices and BIM. After the exploration, these key drivers are further studied for establishing the possible inter-relationships amongst them using ISM methodology.

References


Index Terms
Computer Science Information Sciences

Keywords
Sustainable building information modeling, ISM Methodology; construction industry