Special Issue

Study on Influencing Factors of Construction Management Sustainability

Message from the Guest Editors

Sustainable construction projects are designed and constructed to consume less energy and resources than conventional structures and have minimal impact on the environment. Construction management sustainability embraces a multidisciplinary approach that involves the crucial elements of project management, planning and development, and strategic innovations, encompassing technical, economic, social, environmental, and political points of view to lead to overall sustainability at each level of construction while looking at its future impact. Therefore, this Special Issue sees sustainable construction as the implementation of sustainable dimensions to the complete project lifecycle, not only by reducing the unfavourable effects but also by proposing the intention of restoring the environment, together with the economic and social aspects of sustainability, while clearly establishing the goals of these aspects. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/buildings/special_issues/ Factors_Management

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About the Journal

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

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