

عنوان مقاله:

Analyzing the Effective Factors in Promoting Sustainable Construction in the Construction Industry with the Approach of Green Project Management Through PRiSM

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خلاصه مقاله:

The construction industry is a significant contributor to environmental degradation, driving the need for sustainable practices. This review examines the effective factors promoting sustainable construction, with a focus on Green Project Management through the PRiSM (Projects Integrating Sustainable Methods) methodology. PRiSM integrates environmental, social, and economic considerations into construction project management, making it a vital tool in the pursuit of sustainability. Key factors analyzed include leadership commitment, stakeholder engagement, sustainable design, use of eco-friendly materials, energy efficiency, water conservation, waste management, and lifecycle assessment (LCA). Additionally, the paper explores the role of technology, barriers to adoption, and case studies demonstrating the successful implementation of PRiSM. Ultimately, this review highlights the importance of integrating sustainability into construction to reduce environmental impacts and promote long-term resilience.

کلمات کلیدی:

Sustainable construction, Green Project Management, PRiSM, eco-friendly materials, energy efficiency

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