

Special Issue

Promoting Sustainable Management of Construction Projects

Message from the Guest Editor

With the in-depth popularization of the concept of sustainable development, the outdated concept of engineering has gradually been eliminated, and the harmonious development between man, nature and society has received widespread attention. As a pillar industry of the national economy, the construction industry needs to emphasize the unity of the project economy and environmental protection. The implementation of green buildings is a way to cope with ecological pressures and adhere to the concept of sustainable development, which promotes the green development of the construction industry. Although scholars have been committed to exploring this field for decades, the scientific issues related to the process of engineering project management still deserve attention, especially as policy systems, multi-project management models (portfolios and plans), green materials and information technology adoption, risk assessment and control, and social responsibility have brought many new challenges to green building project management.

Guest Editor

Prof. Dr. Qingfeng Meng

Department of Industrial Engineering, School of Management, Jiangsu University, Zhenjiang 212013, China

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Buildings
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
buildings@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. David Arditi

Construction Engineering and Management Program, Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology, 3201 South Dearborn Street, Chicago, IL 60616, USA

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