Special Issue

Advances in Project Development and Construction Management

Message from the Guest Editors

This Special Issue, entitled “Advances in Project Development and Construction Management”, aims to publish research outcomes that address the advances related to construction engineering and management. The themes of this Special Issue cover engineering project planning, design, procurement, construction, project delivery, operation, sustainable project development, green buildings, construction waste management, and information technologies. Papers on new theoretical and technological advancements together with practical approaches, which help achieve the multiple objectives of engineering projects associated with economic, social and environmental sustainability, are invited. More examples of Special Issues of Buildings at: https://www.mdpi.com/journal/buildings/special_issues

Guest Editors

Prof. Dr. Wenzhe Tang
School of Civil Engineering, Tsinghua University, Beijing 100084, China

Dr. Jianli Hao
Department of Civil Engineering, Xi’an Jiaotong-Liverpool University, Suzhou 215123, 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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