Special Issue

Costs and Cost Analysis in Construction Project Management

Message from the Guest Editor

One of the most critical success factors for construction projects is the “Iron Triangular” cost–quality–time. One step further would be, “is the right project in progress?” This level of project success is one of the most preferred by owners, sponsors, and developers and is known as “value for money”. Again, though, the question remains of which the most effective approach is. The evolution of technology and the new era of the 4th Industrial Revolution with the introduction of digital technologies in the construction sector such as building information modeling (BIM) and blockchain could pave new avenues for successful projects.

The aim of this Special Issue is to investigate ways for the adoption of new technologies for efficient and effective cost estimation and analysis in the construction industry. For scholars interested to submit papers to the Special Issue, please click “Submit to Special Issue” or contact Astoria Yao: astoria.yao@mdpi.com.

Guest Editor

Dr. Kleopatra Petroutsatou

Laboratory of Planning and Project Management, Department of Civil Engineering, School of Engineering, Aristotle University of Thessaloniki, GR 54124 Thessaloniki, Greece

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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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