

Special Issue

Innovation in Construction and Project Management: Digital Technologies, Intelligent Systems, and Sustainable Solutions

Message from the Guest Editors

With the convergence impact of multi-dimensional emerging technologies, such as digital, energy, and engineering, as well as the increasing complexity of projects, innovation regarding the sustainability of construction projects has become increasingly significant. However, many issues, such as technology adoption and diffusion, AI opportunities and threats, the convergence of emerging technologies, constraints on carbon targets, and social responsibility in innovation, are deeply embedded in construction and project systems, resulting in uncertainty and challenges. This Special Issue of the journal *Buildings* concerns the multi-disciplinary research of innovation frontiers in construction and project management. Research findings focusing on fundamental and applied research centered around innovation in construction and project management are welcomed in order to advance the knowledge in this area and improve related practices.

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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

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