Special Issue

Advances in Life Cycle Management of Buildings

Message from the Guest Editors

Following the success of this Special Issue's first edition, we are pleased to announce the launch of its second edition, "Advances in Life Cycle Management of Buildings". It has become the consensus of policy makers, designers, contractors and scholars to realize the scientific management of the whole life cycle of buildings. This is of great significance for enhancing the value of buildings. This Special Issue aims to gather experts from academia and industry to share their new methods, strategies and practical experiences in promoting more efficient, safe, environmentally friendly and sustainable development in the field of buildings. We hope that these contributions will provide new perspectives and solutions for optimal management at all or specific stages of the project life cycle. This Special Issue presents an excellent opportunity for researchers to share their findings and contribute to the advancement of knowledge in this field.

Guest Editors

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Dr. Han Wu

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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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