

Special Issue

Green Building Materials and Intelligent Construction Technology

Message from the Guest Editors

This [Special Issue](#) aims to present recent advances in intelligent building construction technology. It seeks to bring together researchers from various fields, including mechanical science, civil engineering, materials science, and engineering management, to contribute their expertise to the discussion of intelligent construction.

This [Special Issue](#) will cover a wide range of topics related to green building materials and intelligent construction as well as defects in building material development, building structural design, and the application of construction management models. The goal of this [Special Issue](#) is to integrate the research results of intelligent construction technology and promote the popularization of green building materials and intelligent construction technology.

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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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