Special Issue

Are “Green” Construction Materials Truly Feasible?

Message from the Guest Editors

With the increasing awareness of climate change and its impact on the economy and society, we want to highlight the efforts that have been made in developing sustainable construction materials. In this Special Issue, we want to share the latest developments for meeting the sustainable targets in the construction industry. We invite colleagues to present their work on novel sustainable materials for the construction industry, and the challenges associated with their durability. We welcome research articles and reviews on sustainable Portland-based solutions, clinker-free materials, building and infrastructure materials (including, but not limited to, asphalt, bituminous, masonry, glass, ceramics, and steel), studies on durability, life-cycle analyses, and the incorporation of waste and recycled materials as alternatives to natural resources. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/buildings/special_issues/ 52ZXQ6LLHM

Guest Editors

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Deadline for manuscript submissions

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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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