Special Issue

Feasible UHPC for Building and Construction Applications

Message from the Guest Editor

High cost and environmental impacts are the two major challenges of using UHPC in building applications, preventing it from being a feasible material for use in large projects. Responding to the fact that sustainability is becoming a growing concern within the construction industry, this Special Issue will provide an overview of efficient, cost-effective UHPC with lower environmental impact. We invite scholars and those carrying out relevant work to submit original research, case studies and review papers for publication. For more information, please click on the link below:
https://www.mdpi.com/journal/buildings/special_issues/5537S43I7K

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Deadline for manuscript submissions

closed (15 March 2024)

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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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