Special Issue

Sustainability in the Built Environment: Advancements in Architecture and Construction Materials

Message from the Guest Editors

The built environment plays a crucial role in addressing the pressing challenges of climate change and resource depletion. This Special Issue seeks to highlight innovative approaches and advancements in sustainable architecture and construction materials that contribute to reducing environmental impacts, improving energy efficiency, and promoting sustainable practices. We invite submissions covering a wide range of topics, including;

- Sustainable building design,
- Green construction materials,
- Energy-efficient systems,
- Circular economy principles,
- Renewable energy integration,
- Sustainable urban development

For more information, please click on the link below:
https://www.mdpi.com/journal/buildings/special_issues/DKV5AV65TZ

Guest Editors

Dr. Morteza Khorami

Prof. Dr. Mark Tyrer

Dr. Niall Holmes

Deadline for manuscript submissions

closed (30 March 2024)

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Buildings
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
buildings@mdpi.com

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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

Prof. Dr. David Arditi
Construction Engineering and Management Program, Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology, 3201 South Dearborn Street, Chicago, IL 60616, USA

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