

Special Issue

Recent Scientific Developments in Sustainable Construction Project Management and Urban Development

Message from the Guest Editors

This Special Issue deals with sustainable construction and urban development of regions, also deals with the various parameters related to sustainable construction management and material utilization. Submissions to this Special Issue of original contributions containing fundamental and applied research, case studies, or explorations of the state of the art are highly encouraged. Relevant topics for this Special Issue include but are not limited to:

- Sustainable construction;
- Green building practices;
- Risk management;
- Project life cycle assessment (LCA);
- Carbon footprint reduction;
- Net-zero energy buildings;
- Smart construction technologies;
- Lean construction;
- Project management;
- Renewable building materials;
- Circular economy in construction;
- Building information modeling (BIM);
- Conservation of historic buildings;
- Urban analysis;
- Scanning of historic shrines;
- Cement composites;
- Sustainable Development Goals (SDGs).

For more details:

https://www.mdpi.com/journal/buildings/special_issues/333M0B45DP

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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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