



Sustainable Architecture: Energy Efficiency in Buildings

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Message from the Guest Editors

The global architectural landscape is undergoing a transformative shift towards sustainability, driven by the urgent need to address climate change and enhance environmental stewardship, the global architectural landscape is undergoing a transformative shift towards sustainability. The scientific exploration of energy efficiency in buildings has become imperative, as it not only aligns with environmental goals but also holds the key to creating resilient, energy-efficient urban environments. This Special Issue seeks to explore the frontiers of research within this dynamic field, aiming to unravel innovative solutions, technological advancements, and interdisciplinary approaches that can redefine the future of sustainable architecture. Research areas may include (but are not limited to):

- Innovative architectural design for energy efficiency;
- Renewable energy integration;
- Smart building technologies;
- Advanced building envelope solutions;
- Sustainable materials and construction practices;
- Urban planning for energy efficiency;
- Life cycle assessment in architecture;
- Phase change energy system;
- Sustainable Energy Transition for Existing Buildings.





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Message from the Editor-in-Chief

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