

Special Issue

Sustainable Architecture: Energy Efficiency in Buildings

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.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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