

Special Issue

Advancing Energy Efficiency, NetZero Strategies, and Decarbonization for Sustainable Built Environments

Message from the Guest Editors

The global imperative to mitigate climate change, reduce resource consumption, and improve living standards has elevated the importance of energy efficiency and sustainability in the built environment. The built environment accounts for a substantial proportion of global energy use and driving the need for innovative solutions and integrative approaches. This Special Issue aims to gather state-of-the-art research and reviews that bridge the gap between theoretical frameworks and practical applications in energy efficiency and sustainability in the built environment. Contributions should align with Sustainability's mission to disseminate impactful research addressing sustainability's environmental, social, and economic dimensions. We welcome interdisciplinary studies and innovative methodologies that reflect the complexity and interconnectedness of sustainability challenges in the built environment. Topics of interest include, but are not limited to: Energy Efficiency in Building Design and Retrofitting
Advanced materials for energy conservation
Passive and active energy-saving technologies
Energy performance modeling and optimization

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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. *Sustainability* publishes original research articles, review 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.

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