

Special Issue

Built Environment and Sustainable Energy Efficiency

Message from the Guest Editors

The built environment plays a pivotal role in the global effort to achieve sustainable development. With buildings accounting for a significant proportion of energy consumption and greenhouse gas emissions worldwide, enhancing energy efficiency within this sector is critical. Innovations in materials, construction techniques, energy systems, and urban planning offer promising opportunities to minimize environmental impacts while maintaining functionality, comfort, and resilience. The intersection of the built environment and sustainability is central to addressing the urgent challenges of climate change and resource depletion. With buildings and infrastructure accounting for a substantial share of global energy use and emissions, improving energy efficiency is not merely a technical goal. This Special Issue aims to bring together cutting-edge research and perspectives on integrating energy-efficient practices into the design, construction, and operation of the built environment. The Special Issue will serve as a platform for interdisciplinary dialog, addressing the technological, economic, social, and policy dimensions of energy efficiency.

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

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