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Sustainable Built Environment: Energy Efficiency Technologies, Performance Evaluation and Indoor Environment Quality

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Message from the Guest Editors

This Special Issue is part of an international scientific journal that aims to delve into the most recent advancements and research in building energy efficiency. This collection of papers underscores the pivotal role that buildings play in global energy consumption and carbon emissions, showcasing innovative solutions and technologies designed to enhance energy performance in both new constructions and existing structures. Additionally, it covers the development and validation of building performance simulation and monitoring methods. The relationship between energy efficiency and indoor environmental quality is another key theme, investigating how to balance energy savings with occupant comfort and health.

Overall, this Special Issue aims to contribute to the global discourse on sustainable building practices, presenting comprehensive research that supports the transition to low-energy and zero-emission buildings. It serves as a valuable resource for researchers, practitioners, policymakers, and anyone interested in the sustainable development of the built environment.

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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