Special Issue

Improvement of Indoor Environmental Quality and Energy Performance of Zero-Energy Buildings

Message from the Guest Editor

This Issue will examine occupant behavior and its implications on energy use and indoor comfort, providing a human-centric perspective on building design and operation. We will also feature papers that discuss the modeling and simulation of zero-energy buildings, enabling better predictions concerning energy usage and internal environmental conditions. Case studies focusing on real-world applications and the performance monitoring of existing zero-energy structures will serve to bridge the gap between theory and practice. By integrating academic research with practical insights, this Special Issue will serve as a comprehensive guide for architects, engineers, policymakers, and researchers engaged in creating the sustainable, energy-efficient buildings of the future.

Guest Editor

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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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