

Special Issue

Challenges and Research Trends of Building Energy Performance

Message from the Guest Editor

This Special Issue aims at collecting research papers and reviews on building energy performance, with the goal of instantiating recent trends and challenges on this topic. Studies of interest to this Special Issue range from energy performance of building envelope and HVAC system components to the analysis of the efficacy of different building control strategies, dealing with either existing and new buildings and carried out by means of experimental and simulation methods.

- Building energy performance;
- Nearly zero energy buildings;
- Building renovation;
- Smart buildings;
- Building automation;
- Building envelope;
- HVAC system;
- Building ventilation;
- Building management;
- Building performance optimization;
- Building energy simulation

Guest Editor

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About the Journal

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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