

Special Issue

Challenges and Research Trends of Energy Efficient Buildings

Message from the Guest Editor

The building industry consumes significant energy at various stages, such as during the extraction of raw materials and manufacturing of construction materials, during construction, and during the operational and maintenance phase. In order to reduce the carbon footprint as well as reduce the demand for energy, it is apt to follow the principle of energy conservation as well as alternate energy generation and utilization. The current issue of *Energy* on "Energy Efficient Buildings" shall cover a range of broad areas in all phases of construction (manufacturing, construction, and operation), wherein the primary focus should be on designing structures which have less energy demand and a smaller carbon footprint.

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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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