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Impacts of Heat Pumps, Thermal Insulation, and Building Structures on the Environment

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Message from the Guest Editors

Dear Colleagues,

In the developed world, energy consumption is increasing rapidly, and this results in environmental burdens and global warming.

Buildings' energy consumption contributes significantly to environmental burdens and the emission of greenhouse gases.

Therefore, the purpose of this Special Issue is to present possibilities for reducing the energy consumption of buildings in the form of scientific articles. We await original, unpublished articles which contain the latest research about reducing energy consumption.

The topic of the possibility of energy-saving buildings is mainly used in thermal insulation, renewable energy sources, heat pumps, and, to some extent, the shape and orientation of buildings.

Energy consumption is influenced to a small extent by the type and control of the heating-cooling systems and the value of the comfort parameters, too.

This Special Issue covers the scope and topics mentioned above. To reduce energy consumption, we ask our colleagues to participate in this Special Issue by presenting new research results as scientific articles.



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Special Issue



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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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