

Special Issue

Energy Efficiency of the Buildings: 3rd Edition

Message from the Guest Editors

In the developed world, energy consumption is rapidly growing, and so is the environmental load. One consequence of it is global warming. Buildings make a major contribution to greenhouse gas emissions. Therefore, the aim of the Special Issue is to publish papers presenting the possibilities to improve energy performance of buildings based on the latest research results. The potential for energy savings in buildings mainly lies in the use of the thermal insulation, renewable energy sources and, to some extent, energy storage. Energy consumption is slightly affected by the control of heating-cooling systems and the value of comfort parameters. Therefore, the Special Issue involves the aforementioned scope and topics. In order to increase the energy efficiency of buildings, we would like to ask colleagues to participate in this Special Issue by presenting their new research results in scientific papers. We invite papers on innovation, reviews, case studies, analytical and numerical energy optimization, as well as assessment papers about the discipline of energy-efficient buildings.

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Deadline for manuscript submissions

closed (20 May 2025)



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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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