Special Issue

Energy Efficiency Improvements in Buildings to Achieve Climate Goals

Message from the Guest Editors

Several countries have adopted time-bounded climate and energy reduction targets. The climate impact of activities in the building sector is substantial. Energy efficiency (EE) improvements could significantly reduce greenhouse gas emissions. Accordingly, improvements to the EE of buildings constitute an important strategy for achieving climate goals. EE strategies can be adopted at different scales, e.g., from the urban to the building component level. In order to improve energy efficiency in the building sector, it is important to target both new and existing buildings. This Special Issue invites the submission of research work on energy efficiency improvements in both existing and new buildings at different scales and from different perspectives with the objective of achieving climate goals. We invite you to submit research papers on one or more of the following topics:

- nearly zero-energy buildings and energy renovation of existing buildings;
- energy efficiency improvements using smart building control technologies;
- innovative materials for energy efficiency improvements and/or thermal comfort improvements;
- ventilation strategies and heat recovery systems.

Guest Editors

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Deadline for manuscript submissions

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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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