Special Issue

Innovations in Low-Carbon Building Energy Systems

Message from the Guest Editors

Low-carbon building energy systems refer to building energy systems that adopt efficient and low-carbon energy technology and equipment to save energy, as well as to reduce and recycle greenhouse gas emissions during the life cycle of a building. These systems actively use renewable energy sources, such as solar energy, wind energy, and geothermal energy, to reduce dependence on traditional fossil energy. They are an important method of achieving the goal of "carbon peak and carbon neutrality" in the building field.

The main aim of this Special Issue is to explore the recent developments in low-carbon building energy systems. Topics include, but are not limited to:

- New building energy-saving technology
- Low- or zero-carbon building energy systems
- Efficient energy conversion and storage technology
- Renewable energy utilization technology
- Multi-energy complementation and comprehensive utilization of energy technology
- Energy management system optimization
- Building carbon reduction technology

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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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