Special Issue

Building Energy Efficiency and Thermal Energy Storage in Building Design and Application

Message from the Guest Editors

Energy consumed in buildings represents an important part of the global energy consumed. Advanced building energy systems, efficient building energy saving technology, building energy system planning and programs are all helpful in reducing building energy consumption. In addition, thermal energy storage (TES) is one of the most promising technologies to enhance the efficiency of renewable energy sources. This Special Issue aims to encourage researchers to publish in detail their work related to efficient energy utilization, and the design and application of thermal energy storage technology in buildings. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Modeling, experiments or analyses of building energy.
- Advanced building load forecasting methods.
- Energy planning and energy management of buildings or districts.
- Simulation of or experiments on advanced building energy systems and equipment.
- Integrated energy systems for buildings.
- New heat storage materials and phase change energy storage materials.
- Renewable energy utilization in the building area.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2023)

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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