Special Issue

Building Energy Management: Materials, Modeling, and Components

Message from the Guest Editors

This special issue is focused on all aspects of energy management in buildings including, but not limited to, material developments, modeling and simulations, energy analysis, design innovations, and experiments. This issue broadly covers both traditional and non-traditional approaches for building energy-efficiency improvements by retrofits, thermal and hygrothermal analysis, thermal energy storage, renewable energy applications, HAVC and refrigeration systems, and grid-interactive buildings. We particularly encourage the solutions pertaining to the global energy challenges and better building initiatives to improve the lives of people worldwide. We welcome all types of research articles—reviews, perspectives, case studies, and original papers—and look forward for your support.

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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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