Special Issue

Advances in Energy Management and Control for Smart Buildings

Message from the Guest Editors

The reduction in greenhouse gas emissions has become a top priority in mitigating the ongoing climate crisis. Building energy management systems, also known as smart buildings, are emerging as an effective approach to achieve energy efficiency in the building sector, which is responsible for a significant portion of greenhouse gas emissions globally. Smart buildings offer extended opportunities to obtain various energy use-related data at different time points, and the big data obtained from them can be used to provide useful insights into various ways to optimize building energy efficiency through artificial intelligence. This Special Issue will feature the latest research in the areas of energy efficiency in buildings, smart buildings, big data and energy, and many more, focusing on the application of artificial intelligence for building sustainability. In addition to the keywords below, various original research papers included in this category are welcome.

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Deadline for manuscript submissions

closed (20 March 2025)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/201122

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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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