

Special Issue

Review Papers in Energy and Buildings: 2nd Edition

Message from the Guest Editor

Buildings compose more than 40% of the total energy consumption worldwide, mostly to create thermal and visual comfort. This Special Issue aims to focus on energy generation, utilisation and distribution within buildings; this includes renewable energy integration within buildings, power management, grid management and power conditioning. The focus is not restricted to energy and buildings, but also includes comfort living, healthy aging with comfortable buildings and digital energy controls for buildings. This Special Issue only accepts state-of-the-art reviews in the following topics:

- Building-integrated photovoltaics;
- Energy management systems;
- Power distribution mechanisms for buildings;
- Hybrid renewable energy systems for buildings;
- Thermal comfort for buildings;
- Building energy efficiency;
- Artificial intelligence tools for energy utilisation in buildings;
- Sensors for building and energy management;
- Energy-efficient buildings through efficient renewable integration;
- Power management in buildings.

Guest Editor

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closed (31 October 2024)



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About the Journal

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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