

Special Issue

Thermal Comfort and Energy Performance in Building

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to thermal comfort and energy performance in buildings. This Special Issue will be divided into three sections that bridge the gaps for PEB implementations: firstly, the potential applicability of adaptive comfort and adaptive strategies, including climate potential for renewable energy production; secondly, energy production and consumption with the optimal configuration of PEBs and thirdly, the application of several energy poverty indicators and the incidence of PEBs in energy poverty mitigation. Topics of interest for publication include, but are not limited to:

- Positive-energy buildings;
- Buildings' climate change adaptation;
- Energy consumption in buildings;
- Energy poverty issues;
- Thermal or hygrothermal comfort models;
- New construction materials or procedures to reduce energy consumption;
- Nearly zero-energy buildings: case studies or guidelines for building an NZEB;
- Energy simulation in buildings to reduce consumption.

Guest Editors

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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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