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Thermal Comfort, Environment Quality and Energy Consumption

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Message from the Guest Editors

As technology advances and awareness of these factors increases, the construction industry is poised to lead the way in creating energy-efficient buildings that are conducive to the well-being of their occupants.

This Special Issue is dedicated to original research and review articles focusing on thermal comfort, environmental quality, and energy-efficient building design. Topics of interest include, but are not limited to, the following:

- Effective design and control of heating, ventilation, and air conditioning (HVAC) systems;
- Advanced HVAC systems;
- Active and passive solutions for improving environment quality;
- Occupant-centric approaches in building performance (including PECS);
- Occupant well-being;
- Human response to environmental conditioning systems;
- Human building interaction;
- Smart building technologies;
- Energy-efficient buildings, low-carbon buildings, passive houses, zero energy buildings, and green buildings;
- Climate change effects on indoor thermal comfort and building energy use



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Special Issue



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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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