



Performance Evaluation, Thermal Comfort and Energy Efficiency in Buildings

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Deadline for manuscript submissions:

closed (30 May 2023)



mdpi.com/si/72986

Message from the Guest Editors

Climate change, the growth of indoor activities and the changing attitude to comfort has led to an increase in energy consumption in buildings. Only by understanding the relationship between the building, its systems, and their occupants' needs, can come the changes needed to radically reduce the energy used in buildings and the greenhouse gasses emitted from them.

This Special Issue will deal with “Thermal Comfort and Energy Efficiency in Buildings”. The topics of interest for publication include, but are not limited to:

- Thermal comfort and energy efficiency in buildings;
- Thermal comfort and indoor air quality;
- Thermal comfort and natural ventilation during the COVID-19 pandemic;
- Comfort standards to reduce energy use and greenhouse gas emissions;
- Designing for thermal resilience;
- Thermal comfort for different groups of the population;
- Safe and healthy environments for people with different needs;
- Thermal comfort and climate change;
- Building and HVAC control for indoor environmental quality (IEQ);
- Building information modelling (BIM) and digital twins for indoor environmental quality (IEQ) analysis;
- Predictive and adaptive thermal comfort models.

Special Issue



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Message from the Editor-in-Chief

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