Special Issue

Indoor Environment and Thermal Comfort in Sustainable Buildings

Message from the Guest Editors

The indoor environment and the level of thermal comfort within buildings significantly impacts the well-being, health, and productivity of its occupants. As the emphasis on sustainable building practices continues to grow, there is an increasing need to focus on optimizing indoor environments while balancing energy efficiency. In this Special Issue, we are inviting submissions of high-caliber original research articles that dive deep into various aspects related to the indoor environment and thermal comfort in sustainable buildings. We are keen to spotlight both theoretical insights and practical applications that uphold rigorous technical standards across interdisciplinary domains. Topics include but are not limited to:

- Building materials and their thermal properties;
- HVAC systems and their efficiency in sustainable buildings;
- Indoor air quality and its effects on thermal comfort;
- Passive design strategies for thermal optimization;
- Monitoring, sensors, and feedback systems for indoor environmental quality;
- Energy-efficient solutions for maintaining indoor thermal comfort;
- Application of machine learning and numerical techniques in sustainable building;

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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