

Indoor Environmental Quality and Occupant Comfort

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Deadline for manuscript
submissions:

closed (31 January 2023)

Message from the Guest Editors

The goal of this research topic is to highlight the importance of indoor environment quality. The purpose is to discuss the relationship between indoor environment and occupant comfort, well-being, and health. The focus could either be on theoretical or methodological aspects.

We especially encourage papers that report on the following topics:

- Indoor environment quality improvement of public and residential buildings;
- Impact of indoor environment quality on physiological, psychology and emotion indicators;
- Interactions between physical environments;
- Subjective and objective surveys for assessing indoor environment quality;
- Reports on new or improved equipment, materials, processes, or systems used directly or indirectly in interior environment design;
- Indoor thermal environment quality and building energy consumption;
- Technical aspects related to electric lighting, daylighting, lighting controls, standards, and innovations in design.

For further reading, please follow the link to the Special Issue Website at:

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Environmental_Comfort



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Special Issue

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Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

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