Special Issue

Occupant Comfort and Well-Being

Message from the Guest Editor

Building performance is critical for environmental sustainability and occupant environmental comfort and wellbeing, which extensively impacted the growth of numerous environmental design and technology. However, a lack of understanding of how the environment affects human responses and behaviours could result in environmental discomfort and inefficient building performance. This Special Issue invites scholars to contribute original research articles with regard to design, engineering, psychological and physiological issues that are relevant to each individual's comfort, health, and work productivity, which could answer numerous challenging questions in building design and performance. Potential research topics include (but are not limited to):

- Post-occupancy evaluation and measurement
- Indoor environmental quality (IEQ)
- Occupant IEQ perception and behaviours
- Innovative/Sustainable design for human comfort
- Health and work productivity
- Intelligent IEQ monitoring and management (systems)
- Data-driven environmental comfort modelling
- User-centred environmental control

Guest Editor

Dr. Joon-Ho Choi
School of Architecture, University of Southern California, Los Angeles, CA 90089, USA

Deadline for manuscript submissions

closed (30 September 2018)

Buildings

an Open Access Journal by MDPI

Impact Factor 3.1
CiteScore 4.4

mdpi.com/si/11791

Buildings
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
buildings@mdpi.com

mdpi.com/journal/buildings

Buildings

an Open Access Journal by MDPI

Impact Factor 3.1
CiteScore 4.4

mdpi.com/journal/buildings

About the Journal

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.

Editor-in-Chief

Prof. Dr. David Arditi
Construction Engineering and Management Program, Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology, 3201 South Dearborn Street, Chicago, IL 60616, USA

Author Benefits

High Visibility:

indexed within SCIE (Web of Science), Scopus, Ei Compendex, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Construction and Building Technology) / CiteScore - Q1 (Architecture)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).