Special Issue

Indoor Air Quality and Human Comfort in Modern Working and Living Spaces

Message from the Guest Editors

The present Special Issue provides a forum for the discussion and exchange of ideas with regard to the creation of healthy and sustainable indoor environments in modern workspaces. Submissions are welcomed on any subject relating to advances in indoor environmental quality and human comfort. Topics covered in this Special Issue include, but are not limited to, the following themes:

- Indoor air quality (IAQ);
- Architecture design;
- Ventilation;
- Energy-efficient passive design approaches;
- Health and well-being related to the built environment;
- Sources of indoor pollutants and strategies for contaminant removal and control;
- Visual, thermal, and acoustic comfort in built environments;
- Sustainable and smart HVAC technologies;
- Thermal performance;
- Sustainable traditional building techniques.

Guest Editors

Dr. Maria Idália Da Gomes

CERIS, Departamento de Engenharia Civil, Instituto Politécnico de Lisboa, 1959-007 Lisboa, Portugal

Dr. Mafalda Batista Pacheco

CHAM, Faculdade de Ciências Sociais e Humanas, Univesidade Nova de Lisboa, 1069-061 Lisboa, Portugal

Deadline for manuscript submissions

closed (31 October 2025)

Buildings

an Open Access Journal by MDPI

Impact Factor 3.1
CiteScore 4.4

mdpi.com/si/229067

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 15.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).