

Special Issue

Health and Sustainability in Buildings

Message from the Guest Editors

This Special Issue reports on emerging and novel trends regarding research activities related to health and sustainability in buildings, contributing to addressing the pressing challenges in this area of knowledge in such a way that advances are made in buildings comfortable, but at the same time healthy, sustainable and affordable, offering the maximum comfort without affecting health and the environment, ensuring the greatest safety of people, energy efficiency and that its entire life cycle is sustainable. This Special Issue deals with advances in building in relation to providing health and comfort to inhabitants without losing sight of improving the environment and making all activities related to buildings and their life cycle sustainable. It should be added, however, that it is intended to prioritize cutting-edge technologies related to, for example, simulation and experimentation, software, hardware, machine and deep learning, BIM, surveying and 3D modeling, digital twins, home automation and the Internet of Things, sensors, equipment, electronics, robotics and mechatronics, new materials, designs, procedures, etc.

Guest Editors

Prof. Dr. David Marín García

Dr. David Bienvenido Huertas

Dr. Manuel Duarte Pinheiro

Dr. Miguel José Oliveira

Deadline for manuscript submissions

closed (31 August 2023)



Buildings

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 3.4



mdpi.com/si/160668

Buildings

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

[mdpi.com/journal/
buildings](https://mdpi.com/journal/buildings)





Buildings

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 3.4



[mdpi.com/journal/
buildings](https://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 Scopus, SCIE (Web of Science), Inspec, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Civil) / CiteScore - Q1 (Architecture)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.2 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2024).