

# Special Issue

## Sustainable Architecture and Healthy Indoor Environment

### Message from the Guest Editors

This Special Issue focuses on the relationship between architecture, man and nature. It discusses the interaction between regional culture, lifestyle, bedroom hygiene, housing construction strategy and the needs of healthy and pleasant indoor environments, as well as the scientific evidence based on the philosophy of "moving by feeling". The topics of this Special Issues are as follows: (1) Description and evaluation method of healthy and pleasant indoor environment requirements combined with cultural background; (2) Design parameters of building openings and acceptable indoor environment based on the requirements of photothermal environment; (3) Data collection technology and evaluation tools for intelligent human settlements; (4) Low-carbon building suitability solutions and evidence.

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### Guest Editors

Prof. Dr. Bin Chen

Prof. Dr. Yu Liu

Prof. Dr. Shen Xu

Prof. Dr. Shui Yu

Dr. Yu Chen

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### Deadline for manuscript submissions

closed (30 September 2023)



## Buildings

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*Buildings*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[buildings@mdpi.com](mailto:buildings@mdpi.com)

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## 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.

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### 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

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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).