

Special Issue

Trends and Prospects in Nearly Zero-Energy Buildings

Message from the Guest Editor

For decades, academics have promoted and researched the idea of low energy or net zero buildings, and a few examples have been constructed. However, the mass move to zero has not happened. In this Special Issue we ask, why? This will be achieved through papers that examine the limits of low energy buildings, be they materials, architecture, or society/policy. New ways of looking at the problem will be particularly welcome, for example, simple energy models that can be used by architects, or the way that finance or the media can be used to encourage the mass roll-out of low carbon buildings.

Guest Editor

Prof. Dr. David Coley

Department of Architecture and Civil Engineering, University of Bath,
Bath BA2 7AY, UK

Deadline for manuscript submissions

31 July 2025



Buildings

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 3.4



mdpi.com/si/185158

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).