Special Issue

The Impact of Engineering Practices on a Sustainable Built Environment

Message from the Guest Editors

In view of the global challenges that the world is currently facing, to save and protect our planet, creating smart and sustainable built and human environments is crucial and requires a multi-disciplinary approach that addresses the complex interactions between the built environment, natural systems, and human activities. We therefore invite you to submit to this Special Issue research papers that address critical issues; challenges that provoke solutions for smarter and more sustainable built and human environments; and strategies that promote environmental, social, and economic sustainability, under the following themes:

- **Smart and sustainable building**
- **Circular economy in the built environment**
- **Smart and sustainable transportation**
- **Green infrastructure**
- **Sustainable urban planning**
- **Resilient infrastructure**
- **Smart city technologies**
- **Human behavior and sustainability**

Guest Editors

Prof. Dr. Vian Ahmed

Dr. Anupa Manewa

Dr. Sara Saboor

Deadline for manuscript submissions

closed (29 February 2024)

Buildings

an Open Access Journal by MDPI

Impact Factor 3.1
CiteScore 4.4

mdpi.com/si/174156

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

MDPI

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).