

Special Issue

Research on Advanced Materials in Road Engineering

Message from the Guest Editors

Materials are among the most basic and important elements in road engineering. The quality and performance of materials are directly related to the standard of the entire road engineering industry. With the development of science and technology, new engineering materials are emerging in the field of road engineering. Additionally, the shortcomings of the original material technology of road engineering have been effectively solved, further enhancing the reliability and safety of road engineering. We invite authors to contribute original research, theoretical and experimental work, case studies, and comprehensive review papers that enhance the use of advanced technologies and application of materials in road engineering. Relevant topics to this Special Issue include, but are not limited to, the following subjects: the design and application of multifunctional material; waste material utilization; low-carbon-emission materials; long-life materials; green environmental protection material; and novel characterization of materials.

Guest Editors

Dr. Canlin Zhang

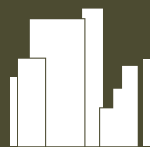
Dr. Xinxing Zhou

Dr. Zhengang Feng

Dr. Zhilong Cao

Deadline for manuscript submissions

closed (31 October 2024)



Buildings

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.4

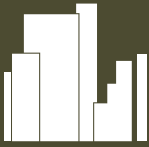


mdpi.com/si/187177

Buildings
Editorial Office
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 4.4



[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 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).