

## Special Issue

# Materials and Design for Advanced Functional Pavements

### Message from the Guest Editors

The Chinese-European Workshop (CEW) on Functional Pavement was founded in 2010 to promote activities relating to experimental characterization, advanced modeling, material development and production, and design and construction of functional pavements. The workshop provides academics, researchers, practitioners, and administrators from China, Europe, and worldwide a unique and rewarding opportunity to present and forward emerging ideas. The 7th CEW Conference (CEW2023) will be held in Birmingham, the goal of CEW2023 is SMART+, which represents Sustainable, Safer, Multi-functional, Advanced Pavements for Tomorrow. Selected authors from the CEW2023 are invited to submit their extended papers to this Special Issue. Moreover, we also encourage researchers who were unable to participate in the CEW2023 to submit their research outcomes to this edition, which will be fully peer-reviewed for further selection and publication.

---

### Guest Editors

Dr. Romain Balieu

Dr. Liang He

Dr. Augusto Cannone Falchetto

Dr. Jiqing Zhu

---

### Deadline for manuscript submissions

closed (31 March 2024)



## Buildings

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.1  
CiteScore 3.4



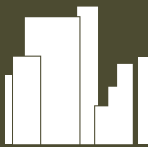
[mdpi.com/si/149743](https://mdpi.com/si/149743)

*Buildings*

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