



## Advances in Project Development and Construction Management

Guest Editors:

**Prof. Dr. Wenzhe Tang**

School of Civil Engineering,  
Tsinghua University, Beijing  
100084, China

**Dr. Jianli Hao**

Department of Civil Engineering,  
Xi'an Jiaotong-Liverpool  
University, Suzhou 215123, China

Deadline for manuscript  
submissions:

**closed (20 August 2024)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue, entitled “Advances in Project Development and Construction Management”, aims to publish research outcomes that address the advances related to construction engineering and management. The themes of this Special Issue cover engineering project planning, design, procurement, construction, project delivery, operation, sustainable project development, green buildings, construction waste management, and information technologies. Papers on new theoretical and technological advancements together with practical approaches, which help achieve the multiple objectives of engineering projects associated with economic, social and environmental sustainability, are invited.

More examples of Special Issues of Buildings at:

[https://www.mdpi.com/journal/buildings/special\\_issues](https://www.mdpi.com/journal/buildings/special_issues)

*Guest Editors*





## 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

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**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)

## Contact Us

---

Buildings Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/buildings  
buildings@mdpi.com  
X@Buildings\_MDPI