

# Special Issue

## Advances in Soils and Foundations

### Message from the Guest Editors

The behavior and characteristics of soil and substructure and their interaction are pertinent to the stability of the superstructure and the safety of occupants. However, different soil deposits behave distinctly under non-identical circumstances, in particular, when they are subjected to earthquake loading. Moreover, because of modern urbanization processes, extensive urban construction involving excavation adjacent to old buildings could also result in ground-movement-related issues such as uneven settlement and tilting of existing buildings. Thus, an understanding of the characteristics of urban soil and also urban soil/structure interaction under loadings imposed by earthquakes, vehicles, wind or heat is important in safeguarding newly designed buildings or mitigation measures for existing buildings. We welcome the submission of original research articles related to, but not limited to, the following topics:

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### Guest Editors

Prof. Dr. Chih-Wei Lu

Department of Civil and Construction Engineering, National Taiwan University of Science and Technology, Taipei, Taiwan

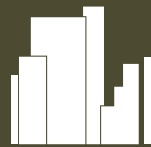
Dr. Meen-Wah Gui

Department of Civil Engineering, National Taipei University of Technology, Taipei, Taiwan

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### Deadline for manuscript submissions

closed (30 April 2023)



## Buildings

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

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## 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.

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### 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

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JCR - Q2 (Construction and Building Technology) /  
CiteScore - Q1 (Architecture)

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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).