

# Special Issue

## Reinforced Concrete Buildings

### Message from the Guest Editors

As the most widely used building material, concrete has the characteristics of simple processing, low production cost, and convenient application; however, its weight, low strength, and large consumption of natural resources influence and limit its scope of use. With the development of the social economy, engineering structures are developing to become higher, stronger, and more environmentally friendly, and people have higher requirements for concrete strength and performance. Therefore, ultra-high-performance concrete, which can improve the service life of concrete, save natural resources and meet the needs of modern engineering, has become a research hotspot in recent years. The primary purpose of this Special Issue is to collect and discuss the latest research on concrete in the field of building structures, including but not limited to experimental research, theoretical analysis, and finite element analysis. For further reading, please follow the link to the Special Issue Website at:

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

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### Guest Editors

Prof. Dr. Yuan Huang

Dr. Huzhi Zhang

Dr. Hui Chen

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### Deadline for manuscript submissions

closed (30 June 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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### Author Benefits

#### High Visibility:

indexed within SCIE (Web of Science), Scopus, Ei Compendex, Inspec, and other databases.

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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).