

## Special Issue

# Structural and Earthquake Engineering: Advances, Innovations and Challenges

### Message from the Guest Editor

Structural and earthquake engineering has been a crucial field of study for decades, with the aim of ensuring the safety and stability of buildings and structures during natural disasters. The recent advances and innovations in this field have been significant, providing new solutions to long-standing challenges and paving the way for more efficient and effective approaches to structural design. The Special Issue aims to provide a platform for researchers, engineers, and practitioners to share their knowledge and experiences in this field. We welcome original research articles, review papers, and case studies covering a wide range of topics related to structural and earthquake engineering, including but not limited to:

- Seismic design and analysis of structures;
- Retrofitting and rehabilitation of existing structures;
- Performance-based design and assessment;
- Innovative materials and technologies;
- Structural health monitoring and damage detection;
- Resilient infrastructure and community planning;
- Risk assessment and mitigation strategies.

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### Guest Editor

Dr. Juipin Wang

Department of Civil Engineering, National Central University, Jhongli, Taoyuan 32001, Taiwan

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### Deadline for manuscript submissions

closed (20 September 2024)



## Applied Sciences

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*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls-ci@mdpi.com](mailto:appls-ci@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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