

## Special Issue

# Earthquake Engineering and Seismic Risk

### Message from the Guest Editors

Factors such as the high cost of land, the desire to curb urban sprawl, and the necessity to preserve valuable agricultural land have collectively driven the construction of building structures upwards. As a consequence, high-rise structures have emerged as prominent symbols of modern civilization, transforming the skylines of cities worldwide. However, a primary challenge associated with the modern structures is their vulnerability to earthquake and seismic forces. The aim of this Special Issue is to cover earthquake engineering and seismic risk particularly within the building industry. This Special Issue also focuses on the behaviour and design of building structures to combined seismic and wind forces. In this Special Issue, original research articles and reviews are welcome. Research areas may include but are not restricted to structural steel research, structural engineering and innovations, structural dynamics, earthquake engineering, structural stability, seismic risk, and disaster engineering. We look forward to receiving your contributions.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 April 2025)



## Applied Sciences

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### 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  
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