



an Open Access Journal by MDPI

Advanced Seismic Evaluation of Relevant Architectures

Guest Editors:

Prof. Dr. Giuseppe Brando

Department of Engineering and Geology, University “G. d’Annunzio” of Chieti-Pescara, 65127 Pescara, Italy

Dr. Maria Giovanna Masciotta

Department of Engineering and Geology, University “G. d’Annunzio” of Chieti-Pescara, 65127 Pescara, Italy

Prof. Dr. Massimo Latour

Department of Civil Engineering / DICIV, University of Salerno, 84084 Fisciano, SA, Italy

Deadline for manuscript submissions:

closed (31 July 2023)

Message from the Guest Editors

We are interested in collecting papers promoting the use of advanced retrofitting techniques and sophisticated structural analysis methods to assess the seismic behavior of buildings with high architectural value. Potential topics include but are not limited to the following:

Application of nonlinear methods for tall buildings;

Seismic evaluation of complex building shapes;

New architectures seismically protected with special devices;

Seismic assessment of cultural heritage;

Advanced strengthening and retrofitting techniques.

Keywords

- seismic nonlinear analysis
- seismic protection
- tall buildings
- complex architectural shapes
- cultural heritage
- seismic strengthening





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)