

Special Issue

Advanced Research in Seismic and Dynamic Engineering for Structures and Infrastructures

Message from the Guest Editors

Response to general dynamic loading. Analysis of nonlinear structural response. Single and multiple degree of freedom systems. Distributed-parameter systems. Random vibrations. Stochastic response of linear SDOF systems. Analysis of structural response to earthquakes. Deterministic and non-deterministic analysis of earthquake response. Seismic behaviour and design of buildings and foundations. Experimental assessment of seismic performance. Retrofit of buildings. Seismic design of bridges, towers, elevated deposits, roads, railways, dams, airports, installations, etc.

Guest Editors

Dr. Fernando González Vidosa

School of Civil Engineering, Department of Construction Engineering,
Universidad Politécnica de Valencia, Valencia, Spain

Dr. Julián Alcalá González

Campus Camino Vera, Universitat Politècnica Valencia, 46021 Valencia,
Spain

Deadline for manuscript submissions

closed (31 January 2024)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/129758

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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.

Editor-in-Chief

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

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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