

Special Issue

Advances in Soil–Structure Interaction and Earthquake Engineering

Message from the Guest Editors

This Special Issue welcomes submissions of research results relating to soil–structure interaction, such as artificial boundary, foundation impedance, direct method and substructure method, software algorithm, engineering example, recommendations of code provisions, and site modeling. As such, we are interested in articles that describe a variety of research. Possible topics include, but are not limited to, the following:

- Algorithm for artificial boundary and foundation impedance;
- Engineering example with refine model and important conclusion;
- Theory on soil dynamics and site modeling;
- Applications in engineering seismic design;
- Soil–structure interaction for winds, fluid, vibration, explosion, etc.;
- Software algorithm;
- Mechanism of soil–structure interaction.

Guest Editors

Dr. Jia Fu

Department of Civil Engineering, Northwestern Polytechnical University, Xi'an 710072, China.

Dr. Joaquim Tinoco

Department of Civil Engineering, Advanced Production and Intelligent Systems (ARISE), Institute for Sustainability and Innovation in Structural Engineering (ISISE), University of Minho, 4800-058 Guimarães, Portugal

Deadline for manuscript submissions

closed (20 January 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/209653

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

mdpi.com/journal/

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





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, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

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