Special Issue

Geotechnical Earthquake Engineering: Current Progress and Road Ahead

Message from the Guest Editors

This Special Issue of Applied Sciences will be devoted to geotechnical earthquake engineering, and consider current progress and the road ahead. The safety of facilities and structures in seismically active areas is threatened by earthquakes, and thus has attracted widespread attention. There have been major improvements in scientific understanding and subsequent advances in geotechnical earthquake engineering due to the increase in recorded in situ data and the large number of case studies on the observed effects of recent major earthquakes. More advanced modeling methodologies and consideration of seismic soil and rock effects on the analysis and design of facilities and structures will undoubtedly result in a better understanding of the theory and practice of geotechnical earthquake engineering

Guest Editors

Dr. Jian Song

Key Laboratory of Ministry of Education for Geomechanics and Embankment Engineering, Hohai University, Nanjing 210098, China

Dr. Bin Ruan

School of Civil and Hydraulic Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

Deadline for manuscript submissions

closed (30 September 2024)



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/145269

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

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



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 multidimensional 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)

