

Special Issue

Mechanical Properties and Engineering Applications of Special Soils

Message from the Guest Editors

We are inviting submissions to this Special Issue on "Mechanical Properties and Engineering Applications of Special Soils". Geotechnical design and construction all over the world are constantly challenged by a variety of special soils, including residual soil, loess, frozen soil, expansive soil, glacial till, and contaminated soil. The mechanical properties of special soils are significantly different from those of common sedimentary clays and sands, which poses great difficulties for engineering applications. The detailed characterizations of these special soils are of great importance if the related engineering is to be conducted in a secure and economical way. This Special Issue serves as an opportunity for researchers to present their high-quality works toward mechanical properties and engineering applications of special soils. Sample topics of interest of this Special Issue include but are not limited to mechanics, theory, in situ and laboratory tests, and numerical analysis of special soils. Special soil engineering cases such as foundation excavation, ground improvement, slope, tunnel, and geohazard are also welcomed.

Guest Editors

Prof. Dr. Xianwei Zhang
Dr. Xinyu Liu
Dr. Ran An

Deadline for manuscript submissions

closed (20 July 2024)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/135913

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](http://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)

