

## 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.

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### Guest Editors

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

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### Deadline for manuscript submissions

closed (20 July 2024)



## Applied Sciences

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## 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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