



Innovations in Soil Mechanics Analysis for Geotechnical Engineering

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Message from the Guest Editor

This Special Issue seeks to explore and highlight cutting-edge advancements and recent developments in soil mechanics analysis and its application in geotechnical engineering.

The scope of this Special Issue encompasses a wide range of novel topics that includes but is not limited to new laboratory testing methods, advanced numerical modeling techniques, in situ monitoring technologies, remote sensing applications, and data-driven and sustainable approaches for soil mechanics analysis in geotechnical engineering.

The focus is on exploring how these themes can enhance our understanding and knowledge of soil behavior, improve site characterization, enable more accurate predictions of soil responses, and ultimately contribute to the design and construction of safer and more efficient geotechnical projects.

Authors may submit their contributions to this Special Issue as original research papers, review articles, case studies, or technical notes that explore the theoretical foundations, practical implementations, and real-world applications of recent trends in soil mechanics analysis techniques.





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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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