

Special Issue

Recent Advances in Geotechnical Structures and Soil–Structure Interaction

Message from the Guest Editors

This Special Issue highlights cutting-edge research on geotechnical engineering in cold regions, including permafrost mechanics, ice–structure interaction, and sustainable construction techniques. Papers on new and emerging topics within the general discipline are also encouraged, and we invite contributions on innovative design methods, numerical simulations, and experimental studies that advance knowledge of polar and seasonally frozen environments.

Areas of interest include, but are not limited to, the following topics:

- Soil–structure interaction under freeze–thaw cycles
- Numerical and physical modeling
- Innovative materials and construction techniques
- Remote sensing and monitoring
- Case studies and field experiments
- Numerical simulation and advanced algorithms
- Geotechnical engineering stability assessment and reinforcement

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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.

Editor-in-Chief

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