

Special Issue

Characteristics of Rock and Soil in Extremely Complex Environment

Message from the Guest Editors

This [Special Issue](#) plans to discuss the latest scientific issues regarding major geotechnical engineering and focuses on the characteristics of rock and soil in extremely complex environments, so as to provide scientific support for the safety construction of major projects in alpine and polar regions, urban underground spaces and deep-sea continents. Potential topics include, but are not limited to: 1. Characteristics of frost heave and the thaw settlement of rock and soil mass in complex environments; 2. Interactions between rock, soil and structures in complex environments; 3. The dynamic characteristics of rock and soil in complex environments; 4. Interactions between rock, soil and sea ice in polar environments; 5. The effects of polar engineering and environmental disasters; 6. Characteristics of rock and soil in marine environments; 7. Characteristics of rock mass under high pressures and temperatures in deep ground 8. Long-term strength characteristics of rock and soil in complex environments.

Guest Editors

Dr. Shengyi Cong
Prof. Dr. Xianzhang Ling
Prof. Dr. Liang Tang

Deadline for manuscript submissions

closed (30 November 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/123864

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

mdpi.com/journal/

appls.c





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://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, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)