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Novel Insights into Rock Mechanics and Geotechnical Engineering

Guest Editors:

Prof. Dr. Diyuan Li
School of Resources and Safety Engineering, Central South University, Changsha 410083, China

Dr. Quanqi Zhu
School of Resources and Safety Engineering, Central South University, Changsha 410083, China

Prof. Dr. Pengzhi Pan
Institute of Rock and Soil Mechanics, Chinese Academy of Sciences, Wuhan 430071, China

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Message from the Guest Editors

With the increasing demand for various resources and energy, the scale and quantity of geotechnical engineering, such as mines, tunnels, hydropower stations, underground nuclear waste storage caverns, and oil storage caverns, are increasing rapidly, resulting in many complex engineering problems. This Special Issue aims to encourage scholars to present new perspectives, advances, and challenges in rock mechanics and geotechnical engineering, and welcomes the latest scientific and technological achievements and cutting-edge testing technologies in the study of rock materials, with an exploration of their mechanical properties and fracture behavior under complex environments.

Keywords

- rock mechanics
- mechanical properties
- deformation and fracture
- constitutive model
- laboratory test
- theoretical analysis
- numerical simulation
- geotechnical engineering

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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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