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Mechanical Properties and Fracture Behavior of Rocks

Guest Editors:

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Deadline for manuscript submissions:
closed (20 August 2022)

Message from the Guest Editors

Dear Colleagues,

Over the last few decades, the stability of rock engineering under various geological environments has attracted attention both from academics and engineering practice. It is well known that rock masses contain a number of flaws at multiple scales, such as cracks, joints, and faults, varying from the microscopic to macroscopic, which are induced during the initial formation stage of rock masses and successive tectonic motion processes. The mechanical behavior of rock masses is controlled by mechanical properties and fracture behavior of rocks. Therefore, research on mechanical properties and fracture behavior of rocks is required.

The aim of this Special Issue is to gather original fundamental and applied research concerning mechanical properties and fracture behavior of rocks. Both original research papers and review articles are welcome.

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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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