

Special Issue

Experimental Investigation and Numerical Modeling of Rock Brittle Failure Behavior under High Stress Conditions

Message from the Guest Editors

Some new laboratory experimental techniques and numerical simulation methods for understanding rock mechanical behavior have appeared in recent years. This Research Topic aims to highlight the influence of high stress on the failure behaviors and mechanical properties of brittle rock under high stress. Submissions of original research articles, review articles, and case studies are all welcome. Potential topics include, but are not limited to:

- Failure mechanism of brittle rock under high stress
- Mechanical properties of brittle rock under high stress
- Damage constitutive model of brittle rock under high stress
- Analysis and evaluation of deep rock engineering
- New numerical simulation method for deep brittle rock
- New technology of deep brittle rock test

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2023)



Applied Sciences

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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.

Editor-in-Chief

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