Special Issue

Advances and Techniques in Rock Fracture Mechanics

Message from the Guest Editors

This Special Issue aims to bring together cutting-edge research that explores various aspects of rock fracture mechanics, including experimental studies, theoretical models, and computational simulations. The topics covered include the mechanics of crack initiation and propagation, the influence of rock properties on fracture behavior, and innovative techniques for monitoring and analyzing fractures. This compilation aims to provide valuable insights and advancements that contribute to the fields of geology, civil engineering, and resource extraction, ultimately enhancing the understanding and management of rock fractures in natural and engineered environments.

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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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