



Applied Structural Geology and Tectonics

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Message from the Guest Editor

Dear Colleagues,

The interplay between deformation, fluid flow and chemical reactions could control permeability in rocks at shallow levels of the crust and thus has a wide range of applications such as the exploration of hydrocarbon, groundwater and geothermal resources, and radioactive waste disposal and carbon dioxide storage. These combined processes also lead to weathering, which can cause rock mass movement such as landslides reducing the strength of rocks.

Considering that the geological processes near surfaces during human time scales are a snapshot of tectonic processes that occurred for a long geological time period, research that links these processes on vastly different time scales are necessary, which we call “Applied structural geology and tectonics” here. In this Special Issue, contributions related to natural observations, experiments and numerical simulations are all 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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