

Special Issue

Thermo-Hydro-Mechanical Coupling in Fractured Porous Media

Message from the Guest Editors

Due to the complex occurrence environment of rock fracturing due to geostress, high temperatures, osmotic pressure and hydrochemical settings, the deformation and failure process in fractured rock becomes discontinuous, inhomogeneous, anisotropic, and nonlinear. The multi-field couplings in fractured rock designate the coupled processes among stress, seepage, thermal and chemical fields (THMC). It is of great practical significance to analyze and study the interaction mechanism of fractured rock under the action of multi-field coupling to prevent accidents and ensure safety in geological engineering. We invite authors to contribute original research papers and review papers that will illustrate and stimulate the continuing effort on the multi-field coupling characteristics in fractured rock. [...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/3IDG469252

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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