Special Issue

Fracturing of Coal and Rock Mass

Message from the Guest Editors

This Special Issue aims to collect recent advances in the hydro-mechanical behavior of coal-rock fractures or fracture networks. We expect to bring together researchers in the aforementioned fields to highlight the current development of new techniques, to exchange the latest understanding of the underlying mechanisms, to present advanced algorithms for modeling, and to facilitate collaboration between researchers in different fields. We invite you to submit comprehensive review papers and original articles. Potential topics include but are not limited to the following: 1. Theoretical modeling of fracturing in coal and rock mass;
2. Advanced techniques for monitoring or characterizing hydraulic fracture propagation;
3. Permeability evolution and multiphase fluid flow in fracturing coal-rock;
4. Novel laboratory testing approaches in the hydraulic fracturing of coal;
5. Field test of multistage hydraulic fracturing in the directional borehole;
6. Evaluation of fracturing effect in laboratory testing or field experiments.

Guest Editors

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Deadline for manuscript submissions

closed (23 September 2022)

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About the Journal

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

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