

Special Issue

New Trends in Numerical Modeling of Fractures in Porous Materials

Message from the Guest Editors

This Special Issue aims to showcase the latest developments and emerging trends in numerical modeling approaches to investigating fracture nucleation and propagation in porous materials. We invite contributions that explore innovative approaches, advanced algorithms, and multi-scale modeling strategies to address the complex interplay between fluid flow, mechanical deformation, and fracture propagation.

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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive Geosciences to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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