



## Hydraulic Fracturing: Progress and Challenges

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (20 October 2022)**

### Message from the Guest Editors

Hydraulic fracturing's transformative impact on the exploitation of shale rocks has been one of the most significant developments in the energy-related topic in the oil & gas industry. Aside from the evolution of hydraulic fracturing technology, its economic impact and environmental considerations will be the focus of this special issue. Original research articles as well as technical reviews on both fundamental problems and technical developments are invited for submission. Papers are invited, but are not limited to: 1) Hydraulic fracturing related topics in general, 2) Refracturing, 3) Infill well fracturing, 4) Production patterns, 5) Geomechanics and Stress computations, 6) Proppant placement, 7) Microseismic mapping and seismic hazards, 8) Novel Diagnostics Methodologies, 9) Artificial Intelligence and Data Analytics, and 10) Economics, Safety, and Environmental.





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## Message from the Editor-in-Chief

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