

Special Issue

Advanced Fracturing Technology for Oil and Gas Reservoir Stimulation

Message from the Guest Editors

To overcome these challenges, researchers have continued to update the related theory of fracturing and introduce a series of advanced fracturing technologies. The aim of this Special Issue is to present the most recent theoretical research, indoor experimental work, and on-site experiments in the following fields:

- Advanced sweet-spot evaluation methods for hydraulic fracturing;
- Advanced optimization methods for fracturing treatment parameters;
- Advanced simulation methods for fracture propagation and proppant transport, including physical and numerical simulation;
- Advanced fracture conductivity evaluation and prediction methods;
- Advanced fracturing diagnosis methods;
- Evaluation and application of advanced fracturing materials and equipment;
- Advanced fracturing technology application case studies.

Guest Editors

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Prof. Dr. Mao Sheng

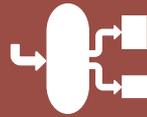
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Deadline for manuscript submissions

closed (31 May 2025)



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