

## 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.

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### Guest Editors

Dr. Yuxuan Liu

Prof. Dr. Mao Sheng

Prof. Dr. Jianwei Tian

Dr. Jie Zeng

Dr. Chunming He

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### Deadline for manuscript submissions

closed (31 May 2025)



## Processes

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### Editor-in-Chief

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