

Special Issue

Emerging Research and Intelligent Technologies for Reservoir Stimulation and Enhanced Oil and Gas Recovery

Message from the Guest Editors

This Special Issue aims to cover recent advances in the development, evaluation, simulation, optimization and field application of reservoir stimulation and enhanced recovery technologies. Topics include, but are not limited to, methods and/or applications in the following areas:

- Reservoir stimulation technologies for conventional, unconventional and complex reservoirs
- Intelligent design, optimization, diagnosis and control of reservoir stimulation and enhanced recovery processes
- Development, screening, evaluation and optimization of functional fluids for reservoir stimulation and enhanced oil and gas recovery
- Fluid-rock, fluid-fluid and fluid-solid interactions in complex reservoir environments
- Artificial intelligence, machine learning, digital twins and intelligent algorithms for stimulation design, production optimization and field decision-making
- Experimental characterization, laboratory evaluation, field diagnosis and performance assessment of stimulation and enhanced recovery technologies
- Integrated experimental, numerical, intelligent and field approaches for improving oil and gas recovery

Guest Editors

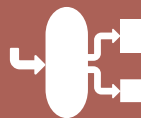
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Deadline for manuscript submissions

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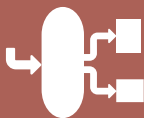


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