

Special Issue

Multiphase Flow-Material Interaction in Drilling Processes

Message from the Guest Editors

This Special Issue on 'Multiphase Flow-Material Interaction in Drilling Processes' seeks high-quality papers on multiphase flow and its interactions with various materials during the drilling process. Topics may include, but need not be limited to, the following:

- Rock mechanics testing, multi-field coupling, and numerical simulation.
- Drilling, hydraulic fracturing, and mining engineering.
- Advances in safe drilling theory and field practices.
- Research progress and case studies on drilling speed enhancement.
- Artificial intelligence and data science in imaging techniques and non-destructive testing.
- Multi-scale modeling of multiphase flow systems.
- High-pressure water jet applications in petroleum and other engineering industries.
- Multiphase flow during drilling process and multiphase flow-material interaction.

Guest Editors

Dr. Jian Zhao

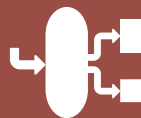
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Deadline for manuscript submissions

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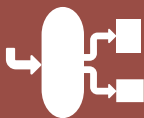


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