



Exploitation of Geological Resources in Unconventional Reservoirs

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Message from the Guest Editors

This Special Issue aims to present and disseminate recent advances about the exploitation of geological resources in unconventional reservoirs. Original contributions including experimental studies, numerical simulation, and theoretical analysis are expected. Topics of interest for publication include but are not limited to:

- Reservoir characterization and modeling;
- Geomechanics for unconventional reservoirs;
- Multiphase fluid flow in unconventional reservoirs;
- Pore-scale and reservoir scale simulation studies;
- Machine learning applications in exploration of unconventional resources;
- Geothermal energy extraction;
- In situ conversion technology;
- Hydraulic fracturing;
- Production optimization;
- CO₂ sequestration and enhanced oil recovery.





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Message from the Editor-in-Chief

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