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Innovations in Hydraulic Fracturing Technology for Unconventional Reservoirs

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Message from the Guest Editors

This Special Issue, titled "Innovations in Hydraulic Fracturing Technology for Unconventional Reservoirs", aims to cover the recent advances in hydraulic fracturing technology in unconventional reservoirs. Topics of interest include, but are not limited to, the following areas:

- New theories, models, and numerical simulation methods for hydraulic fracturing;
- Innovative fracturing method and technology in low-permeability oil and gas reservoir (tight oil and gas, shale oil and gas, etc.), coalbed methane, natural gas hydrate, geothermal, etc.;
- Cross-layer fracturing in laminated reservoirs;
- Carbonate reservoir acid fracturing;
- Ultra-deep high-temperature high-pressure reservoir fracturing;
- CO_2 fracturing and CCUS technology;
- Novel fracturing materials (fracturing fuild, proppant, etc.) and tools;
- Non-aqueous fracturing technology;
- Hydraulic fracturing assied by artificial intelligence, internet of things, and big data;
- Monitoring and evaluation of hydraulic fracturing (fiber-optic cables, etc.);
- Envoiromental risks and seism reduction.

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Message from the Editor-in-Chief

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