



Development of Unconventional Reservoirs

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Message from the Guest Editor

Dear Colleagues,

The need for energy is increasing, and at the same time production from conventional reservoirs is declining quickly. Among some alternative future energy solutions, the most approachable source is from unconventional reservoirs. As the name “unconventional” implies it requires a different and challenging approach to characterize and to develop such a resource. This Special Issue will attempt to cover the most pressing technical challenges for developing unconventional energy sources from shale gas, shale oil, tight gas sand, coalbed methane, and gas hydrates.

Topics of interest for publication in this Special Issue include, but are not limited to:

- Reservoir characterization of unconventional plays;
- Petrophysical and well-log interpretation challenges of unconventional reservoirs;
- Geomechanical and drilling aspects of unconventional reservoirs;
- Hydraulic fracturing challenges;
- Rock physics analysis of unconventional reservoirs;
- Completion, reservoir management, and surveillance of unconventional reservoirs;
- Unconventional reservoirs’ environmental issues and challenges.





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Message from the Editor-in-Chief

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