Special Issue

Development of Unconventional Reservoirs

Message from the Guest Editor

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.

Guest Editor

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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