Special Issue

Development of Unconventional Oil and Gas Fields

Message from the Guest Editors

Recent applications of advanced techniques and technologies have largely facilitated the efficacy of unconventional oil and gas development. This Special Issue will present the latest advances in this field. With this aim in mind, we are inviting investigators to submit relevant original research articles, case studies, and review articles. **Topics of particular interest include (but are not limited to):**

- Strategies for heavy oil and oil sand/tar sand development;
- Recent advances in in-situ combustion and thermal recovery;
- Effective exploitation of oil shale;
- Hydrogen energy production and utilization;
- Strategies for shale gas and shale oil reservoir development;
- Strategies for tight gas and tight oil reservoir development;
- Theories and techniques for the sustained exploitation of gas hydrates;
- Hydraulic fracturing techniques in the development of unconventional resources;
- Experimental and numerical modeling techniques related to unconventional resource development;
- Machine learning techniques related to unconventional resources development.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2024)

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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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