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Integrated Managements/Operations of Conventional and Unconventional Reservoirs

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Message from the Guest Editors

Dear Colleagues,

For the ideal management of conventional and unconventional reservoirs, combined techniques for exploration, drilling, production, etc., are required. However, the integration of these techniques to maximize economic and environmental profits remains a challenge. To mitigate global warming and carbon emissions and reach carbon neutrality, cleaner CO₂ capture and storage, hydrogen production, transport and storage project and hydrocarbon/coal recovery must be realized.

This Special Issue aims to present the latest advances in enhanced oil recovery (EOR), CO₂ capture, utilization and storage (CCUS), petrophysics, geology and other areas.

Topics of interests include, but are not limited to:

- conventional and unconventional hydrocarbon recovery;
- chemical heavy oil recovery;
- coalbed methane recovery;
- CO₂/CH₄/H₂ geo-storage;
- transport in porous media;
- geomechanics;
- petroleum geology;
- petroleum exploration.

Special Issue



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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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