

Special Issue

Advances in Oil and Gas Well Engineering Science and Technology

Message from the Guest Editors

The development of oil and gas well engineering science and technology not only plays an indispensable role in the oil and gas industry, it is also crucial for the exploration and development of geothermal, combustible ice, coalbed methane and solid mineral resources, as well as geoscience research, environmental detection and treatment, and so on. Topics of interest for this publication include, but are not limited to:

- All aspects of oil and gas well engineering science and technology.
- Well drilling, cementing, completion, testing, logging and reservoir reconstruction technologies in conventional oil and gas, deep or deep-water oil and gas, and unconventional oil and gas wells, as well as geothermal resources, etc.
- Artificial intelligence in oil and gas well engineering.
- New materials (graphene, etc.) in oil and gas well engineering.
- Carbon-reducing technologies (CCUS, etc.) in oil and gas well engineering.
- Extraction technologies (hydraulic fracturing, etc.) of shale oil and gas.
- Safety and reliability in oil and gas well engineering.
- Developmental technologies of new energy resources (hydrogen energy, etc.).

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Deadline for manuscript submissions

closed (15 August 2023)



Energies

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Impact Factor 3.2
CiteScore 7.3



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About the Journal

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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