

Special Issue

Advances in Natural Gas Engineering

Message from the Guest Editors

This Special Issue presents papers on the natural gas chain process: gas exploration, production, processing, and transmission. We call for theoretical and empirical papers focus on the following topics:

- natural gas/hydrocarbon reservoir classification;
- natural/unconventional gas resources and exploration;
- natural gas drilling and completion technologies;
- natural gas reservoir stimulation;
- natural gas reservoir modeling and simulation;
- rock mechanics in gas reservoirs;
- natural gas reservoir production and management;
- enhanced gas recovery and CO₂/flue gas injection;
- coal bed methane technologies;
- gas hydrates and extraction;
- natural gas processing and plant optimization;
- phase behavior aspects of wet and retrograde gases;
- LNG technology and LNG supply;
- biomethane/biogas and hydrogen production ('energy' gas);
- natural gas and hydrogen/natural gas pipelines, transportation, and distribution;
- underground gas and energy storage;
- carbon capture, utilization, and sequestration;
- natural gas markets;
- natural gas and 'energy' gas utilization;
- natural gas risks, safety, and security; and
- environmental aspects of the use of natural gas.

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Deadline for manuscript submissions

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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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