Special Issue

Research on Coalbed Methane and Coal-Measure Gas: Exploration, Exploitation, and Utilization

Message from the Guest Editors

The scope of this Special Issue encompasses studies on exploration techniques, including advanced geophysical methods and remote sensing, to identify optimal reservoirs. It also explores novel extraction technologies, reservoir engineering approaches, and sustainable utilization practices. We welcome both original research and review articles. Potential topics of interest include but are not limited to, the following:

- Characterization of coalbed methane and coal-measure gas reservoirs;
- Evaluation methods and technologies of favorable areas in coalbed methane and coal-measure gas exploration;
- Advances in coalbed methane and coal-measure gas drilling, fracturing, or drainage;
- Chemical or biological developments for the enhanced recovery of coalbed methane and coal-measure gas;
- Reservoir dynamic characterization in coalbed methane and coal-measure gas production;
- Enhanced gas recovery combined with CO2 geological storage;
- Advances in coalbed methane and coal-measure gas utilization;
- Coal mine methane extraction and utilization.

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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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