Special Issue

Artificial Intelligence Techniques in Oil and Gas Exploration and Development

Message from the Guest Editors

Nowadays, the oil and gas industry is facing unprecedented challenges and uncertainty. Artificial intelligence (AI) not only provides feasible solutions for large-volume data, high labor cost, and severe repeatability in oil and gas industries but also offers opportunities to formulate innovative methods and technologies that surpass and even break through the limited boundaries of traditional theories. This Special Issue aims to present and disseminate the most recent advances in artificial intelligence techniques for geophysical data processing, interpretation, inversion, and other aspects of oil, gas, coal, and gas hydrate exploration. Due to your expertise and excellent publication record in this field, we are inviting you to submit a paper on traditional fossil fuel exploration and development. Topics of interest for publication include, but are not limited to: AI for geophysical data processing of oil and gas exploration and development;
AI for geophysical data inversion of oil and gas exploration and development;
AI for geophysical data interpretation of oil and gas exploration and development.

Guest Editors

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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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