

Special Issue

Advancing Oil and Gas Resource Exploration, Extraction, and Utilization for Sustainability

Message from the Guest Editors

This Special Issue, themed “Advancing Oil and Gas Resource Exploration, Extraction, and Utilization for Sustainability”, focuses on critical challenges and opportunities for sustainable development across the entire oil and gas resource value chain.

Key Themes:

- Intelligent and Precise Oil and Gas Exploration Theories and Technologies
- Green and Low-Carbon Oil and Gas Development Technologies and Practices
- Efficient Reservoir Development and Enhanced Oil Recovery (EOR) Technologies
- Clean, Low-Carbon Utilization and Conversion of Oil and Gas Resources
- Oilfield Environmental Protection and Ecological Restoration Technologies
- Digitalization and Carbon Footprint Management Across the Oil and Gas Production Lifecycle
- Integrated Development Pathways for Oil and Gas and New Energy
- Policy, Economics, and Strategic Research for Sustainable Development in the Oil and Gas Industry
- Enhancing Oil and Gas Supply Chain Resilience and Circular Economy Practices

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Deadline for manuscript submissions

20 January 2026



Energies

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Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/248661

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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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