

## Special Issue

# Recent Advances in Oil Shale Conversion Technologies

### Message from the Guest Editor

Recent advances in oil shale conversion technologies are important for the full development of this abundant resource. Innovative approaches in oil shale conversion, such as in situ retorting, oxidative-assisted pyrolysis, steam-assisted cracking, hydrothermal decomposition and catalytic pyrolysis, have emerged as key areas of interest and research focus. These technologies aim to enhance the efficiency, yield, recovery and environmental performance of oil shale conversion processes, providing sustainable solutions for the production of shale oil and gas from oil shale. Topics of interest for publication in this Special Issue include, but are not limited to, the following:

- In situ conversion technology;
- Oxidative-assisted pyrolysis;
- Steam-assisted pyrolysis;
- Hydrous pyrolysis;
- Catalytic pyrolysis;
- Advanced heat transfer technologies;
- Enhanced oil recovery technologies;
- Low carbonization development;
- Environmental issues and challenges;
- Socioeconomic impact and policy editor.

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### Guest Editor

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### Deadline for manuscript submissions

closed (10 November 2025)



## Energies

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### 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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### Editor-in-Chief

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