

Special Issue

The Technology of Oil and Gas Production with Low Energy Consumption

Message from the Guest Editors

Dear colleagues, With the exhaustion of conventional and shallow oil and gas, more attention is being paid to deep and ultra-deep, shale oil and gas, tight gas and high water contained oilfields. However, these reservoirs are characterized by a low transport ability and their exploitations usually consume a high amount of energy. Besides this, oil and gas exploitation is a significant resource in carbon emissions and takes a dominant role in the goal of achieving net zero emissions. Many efforts—field practice, laboratory testing and theoretical research—have been made in the last decade to achieve the above goal of sustainable exploitation and emission reduction. This Special Issue will draw upon recent advances to characterize the state of the art and to help to chart a course for future research activities. Both research articles and reviews are welcomed to this issue.

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Deadline for manuscript submissions

closed (20 January 2025)



Energies

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Impact Factor 3.2
CiteScore 7.3



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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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