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Advances in Techniques of Construction, Development and Operation of Oil and Gas Wells

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Deadline for manuscript submissions:

closed (10 October 2022)

Message from the Guest Editors

Dear Colleagues,

We invite you to submit articles regarding the broad topic of the petroleum well life cycle to be published in this Special Issue of *Energies*. We also welcome critical review articles from renowned experts in industry and academia.

Despite the existing trend towards green power sources, hydrocarbons will be essential for the world energy market for years to come. Sustainable development of modern society is impossible without reliable energy sources. Until renewables are able to cope with such problems as the efficient generation and storage of produced energy, oil and gas will provide a steady power supply for consumers. At the same time, traditional petroleum fields are being depleted. New deposits of oil and gas are located in remote and hard-to-reach regions, such as the Arctic. In addition to complicated conditions of petroleum production in these areas, environmental concerns are of great importance. A relevant trend is reducing the carbon footprint for oil and gas production. In this regard, this Special Issue deals with questions of modern techniques and approaches during the entire life cycle of petroleum wells: from construction to abandonment.



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Special Issue



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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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