

Special Issue

Fundamentals of Enhanced Oil Recovery

Message from the Guest Editor

For many years, there has been a clear trend of increasing energy demand. Despite the search for alternative energy sources, it is estimated that oil and natural gas will be the main source of energy in transport for the next several dozen years. However, the reserves of renewable raw materials are limited in volume. Along with the degree of depletion, oil recovery becomes increasingly difficult, even though the deposits are not yet completely empty. Therefore, it is essential to find new methods to increase oil and gas recovery. Actions aimed at intensifying oil recovery are a very rational use of energy that has not yet been fully used. This Special Issue will mainly cover original research and studies on the above-mentioned topics, including but not limited to improving the efficiency of oil recovery, improving the correct selection of drilling fluids, secondary methods of intensifying production, appropriate energy management in the oil industry, and so on. Papers selected for this Special Issue will be subject to a rigorous peer-review procedure with the aim of rapid and wide dissemination of research results, developments, and applications.

Guest Editor

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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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