Special Issue

Nanotechnology for Oil and Gas Applications

Message from the Guest Editor

Dear Colleauges, The global demand of energy is expected to increase by as much as 50% in the next 20 years, and the demand for oil and gas will also increase. The era of finding “easy oil” is coming to an end, and future supply will become more reliant on fossil fuels produced from non-conventional reservoirs and from enhanced oil recovery process, which calls for new technologies. Nanotechnology may offer an alternative promising solution. This Special Issue will act as a timely platform to advance the nanotechnology applications in oil and gas sectors, including but not limited to reservoir characterisation, enhanced oil recovery, surface processing and flow assurance, and promote researchers of various areas of nanotechnology to disseminate their most recent findings and define the frontier of nanotechnology in oil and gas applications.

Guest Editor

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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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