



Nanotech for Oil and Gas

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Message from the Guest Editors

Dear Colleagues,

Research on nanotechnology applications in the oil and gas industry has been growing rapidly in the past decade, as is evidenced by the number of scientific articles published in the field. Essentially, the industry has been part of nanotechnology since the beginning because oil reserves are really emulsions of oil, gas and water in the nano- and micro- scale.

The aim of this Special Issue is to attract world-leading researchers to report their latest exciting research outcomes on nanotechnology and nanomaterials application in the oil and gas industry. The scope of the study could be, but not limited to, the fundamental aspects and applications of nanotechnology in hydrocarbon detection, drilling and hydraulic fracturing fluids, enhanced oil recovery, oil well cementing, corrosion inhibition, formation fines control, geology, etc. Original research papers, case histories, review articles, short communications are all welcome to contribute to this special issue. Authors are especially encouraged to submit their manuscripts which bridge the gaps between research, development and implementation.

Prof. Dr. Zhixin Yu
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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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