



Modern Trends in Oil and Gas Industry

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Message from the Guest Editor

Dear Colleagues,

We would like to invite you to submit articles across the broad topic of modern trends in the petroleum industry to be published in this SI. Problems of energy efficiency and environmental safety of various operations in the petroleum industry will be considered, from well construction to hydrocarbon refining.

Nowadays, there is a global trend towards “green” industry, which implies the reduction of carbon emissions from various industrial processes. However, until the renewable energy is 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, as the sustainable development of modern society is impossible without reliable energy sources.

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, with complex geological and rock characteristics. In Addition, environmental concerns are of great importance. Thus, this SI will discuss the problems of modern techniques and approaches to the production and use of hydrocarbons.

Prof. Dr. Valentin Morenov

Guest Editor





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Message from the Editor-in-Chief

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