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Integrated Approaches for Unconventional Oil and Gas Extraction and Exploration

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Message from the Guest Editor

Unconventional resources of crude oil and natural gas are a very important supplement to the existing resource base (conventional) of these raw materials. Constant research, development and implementation of new technologies for obtaining resources of unconventional hydrocarbon and taking into account external factors, e.g. environmental and social, may contribute to increasing the extraction of oil and gas from unconventional sources and thus delay the depletion of total resources, moreover unconventional gas may be a fuel transition between traditional (coal) and renewable energy sources. This special issue aims to collect scientific papers on topics related to the natural conditions of unconventional hydrocarbon resources (shale gas, tight gas, coal bed methane, shale and tight oil, tar sands, deep gas and methane clathrates), their origin, properties of reservoirs, production technology (hydraulic fracturing), processing, resources management, environmental and social issues and also spatial development of the areas of unconventional oil and gas exploitation.



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Special Issue



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Message from the Editor-in-Chief

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