

Special Issue

The Exploration and Development of Unconventional Hydrocarbon Resources, 2nd Edition

Message from the Guest Editors

This Special Issue will mainly focus on the underlying scientific issues that are related to the accumulation and depletion of hydrocarbon mechanisms in shale reservoirs, in an attempt to improve our fundamental understanding of these processes for the high single-well productivity and low-cost sustainable development of hydrocarbon. **Keywords**

- genesis and evolution of gas/oil and multiscale pores
- genetic and distribution patterns of fractures
- geological controls on reservoirs quality
- hydrocarbon accumulation/depletion mechanisms
- petrophysical characterization of formations
- fluid flow and fluid–shale interactions

Guest Editors

Dr. Guoheng Liu
Dr. Jianhua Zhao
Dr. Xiaolong Sun
Dr. Yuqi Wu

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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