Special Issue

Advances in Unconventional Natural Gas: Exploration and Development

Message from the Guest Editors

Unconventional natural gas mainly involves shale gas, coalbed methane, tight gas, natural gas hydrate, etc. Globally, unconventional natural gas resources are abundant. Unconventional natural gas is the most realistic replacement resource for conventional natural gas and plays an important role in the world energy pattern. Currently, the development and utilization technologies are becoming increasingly advanced, and countries around the world attach great importance to the development and utilization of unconventional natural gas resources. This Special Issue on "Advances in Unconventional Natural Gas: Exploration and Development" aims to cover the recent advances in the exploration and development of unconventional natural gas. Topics include, but are not limited to, the methods and/or applications in the following areas:

- Key technologies for the exploration and development of unconventional natural gas;
- Deep unconventional natural gas resources;
- Numerical simulation techniques for unconventional natural gas reservoirs;
- Recovery-enhancing techniques for unconventional natural gas;
- Favorable area selection for unconventional natural gas.

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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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