# Special Issue

# Characterization of Unconventional Petroleum Reservoirs

## Message from the Guest Editors

Unconventional petroleum resources, shale gas/oil, coal seam gas and tight gas have become significant contributors to global hydrocarbon production in the past two decades and are projected to continue to grow in importance for at least the next 30 years. Unconventional hydrocarbon production is complex due to the myriad of geological processes that control reservoir characteristics. These processes include primary depositional environment, diagenesis (mineral and organic matter), and fluid migration and hydrocarbon retention, all of which are, in turn, impacted by the structural and tectonic evolution of the reservoir and its associated strata. Our goal for this Special Issue is to compile a collection of papers that explore the importance of reservoir characterisation on the development of unconventional resources including shale gas/shale oil, coal seam gas, and tight gas plays. Research that applies cutting-edge technologies and novel techniques to investigate unconventional reservoir properties, detailed case studies, and holistic overviews are of interest.

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## Deadline for manuscript submissions

closed (20 February 2022)

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*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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