# Special Issue

# Analysis and Modelling of Petroleum System

### Message from the Guest Editors

Analysis and modeling of petroleum systems are modern tools of petroleum exploration that allows to increase energy resources. The petroleum system is a concept that encompasses all elements and processes of petroleum geology leading to finding of new deposits. Practical application of an idea of petroleum systems can be used in exploration, resource evaluation, and pure research. A petroleum system includes all the geologic elements and processes that are essential if an oil and gas accumulation is to exist. Such systems describes the interdependent elements and processes that form the functional unit that creates hydrocarbon accumulations. The essential elements of a petroleum system include: source rock; reservoir rock; seal rock; overburden rock. Petroleum systems have two major processes: trap formation and generation-migration-accumulation of hydrocarbons. These essential elements and processes must be correctly placed in time and space so that organic matter included in a source rock can be converted into a petroleum accumulation. In this Special Issue we would like to provide new insight into petroleum systems in different geological setting

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### Deadline for manuscript submissions

closed (25 June 2022)

**Energies**

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**CiteScore 7.3**

mdpi.com/si/100831

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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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