

Special Issue

New Challenges in Shale Gas and Oil

Message from the Guest Editors

We are calling for submissions to be included as part of a special collection covering the new advances and challenges in shale oil and gas exploration, and novel original research articles and reviews are all welcome. Potential topics include but are not limited to the following:

- Depositional, mineralogical and diagenesis, and other geological characteristics of shale oil and gas reservoirs;
- Petroleum generation and evolution kinetics of shales and the mechanism of oil and gas retention in shales;
- Occurrence and distribution of pore water in shales and its influence on shale adsorption capacity;
- Formation and evolution mechanism of nanopores in shales and their constraints on shale oil and gas;
- Origins of non-hydrocarbon gases in shales and thermal stability of methane in geological conditions;
- Advances in characterizing shale organic and mineral properties, and assessing and predicting sweet spots of shale oil and gas.

Guest Editors

Prof. Dr. Xianming Xiao
Prof. Dr. Shangbin Chen
Prof. Dr. Hui Tian

Deadline for manuscript submissions

closed (20 April 2022)



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

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Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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