

## Special Issue

# Unconventional Oil and Gas Well Monitoring and Development

### Message from the Guest Editors

This Special Issue aims to present the latest findings and developments of reservoir description, monitoring, interpretation, and simulation in unconventional oil and gas resources. Topics of interest for publication include, but are not limited to:

- Micro/nano pore characterization and evaluation;
- Oil and gas flow mechanism;
- Drilling, completion, hydraulic fracturing, and related reservoir damage and stimulation;
- Fracture characterization and simulation;
- Well testing analysis;
- Production data analysis;
- Big data in oil and gas development;
- Heavy oil and oil sand thermal recovery;
- Heavy oil enhanced oil recovery;
- Reservoir monitor and evaluation by electrical resistance tomography (ERT);
- Natural gas hydrates flow behaviour used electrical tomography

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### Guest Editors

Dr. Shiqing Cheng

Dr. Wenyang Shi

Dr. Yang Wang

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### Deadline for manuscript submissions

closed (31 May 2023)



## Energies

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba  
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