

## Special Issue

# Development of Unconventional Reservoirs 2020

### Message from the Guest Editor

The need for energy is increasing, and at the same time production from conventional reservoirs is declining quickly. Among some alternative future energy solutions, the most approachable source is from unconventional reservoirs. As the name “unconventional” implies, it requires a different and challenging approach to characterize and develop such a resource. This Special Issue will attempt to cover the most pressing technical challenges for developing unconventional energy sources from shale gas, shale oil, tight gas sand, coalbed methane, and gas hydrates. Topics of interest for publication in this Special Issue include, but are not limited to:

- Reservoir characterization of unconventional plays;
- Petrophysical and well-log interpretation challenges of unconventional reservoirs;
- Geomechanical and drilling aspects of unconventional reservoirs;
- Hydraulic fracturing challenges;
- Rock physics analysis of unconventional reservoirs;
- Completion, reservoir management, and surveillance of unconventional reservoirs;
- Unconventional reservoirs’ environmental issues and challenges.

### Guest Editor

Prof. Dr. Reza Rezaee

Western Australian School of Mines: Minerals, Energy and Chemical Engineering, Curtin University, Kent St, Bentley, WA 6102, Australia

### Deadline for manuscript submissions

closed (31 October 2020)



## Energies

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/36373](https://mdpi.com/si/36373)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)



## 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.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba

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

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q1 (Control and Optimization)