



## Reservoir Characterization on Conventional and Unconventional Resources

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Deadline for manuscript submissions:

**closed (30 December 2022)**

### Message from the Guest Editors

Understanding reservoir characterization is the first step towards the better exploitation of energy resources. In recent decades, several studies have been focused on the reservoir characteristics of conventional resources. However, unconventional resources have gained more attention as alternative future energy solutions rather than depleted conventional resources. The energy industry is facing technical challenges in terms of drilling, exploration, development and production of conventional and unconventional resources. This Special Issue will attempt to cover the most pressing technical challenges for developing both conventional reservoirs and unconventional energy sources.

Topics of interest will include:

- Sedimentological and diagenesis analysis;
- Pore evolution and structure of reservoirs;
- Geochemical characteristics;
- Petroleum geomechanics;
- Well logging application in resource assessment;
- Machine learning application;
- EOR and CO<sub>2</sub> storage;
- Subsurface modeling;
- Case studies;
- Reservoir engineering (e.g., formation damage, production optimization, water flooding, stimulations, fluid flow, enhanced recovery, drilling, fluids and casing design).





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## Message from the Editor-in-Chief

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