

Special Issue

Reservoir Characterization and Modeling in Hydrocarbon Exploration and Development

Message from the Guest Editor

Reservoir characterization and modeling is a crucial step in the hydrocarbon exploration and development process. It involves the acquisition, integration, and analysis of various types of data to build a comprehensive understanding of a reservoir and its properties. Accurate reservoir characterization and modeling can lead to improved reservoir performance, and ultimately, better economic outcomes. This Special Issue welcomes original research articles, review articles, and case studies related to reservoir characterization and modeling. Topics of interest include, but are not limited to:

- Geological modeling;
- Geophysical characterization;
- Petrophysical properties and analysis;
- Reservoir simulation and modeling;
- Uncertainty and risk analysis;
- Enhanced oil recovery methods.

Guest Editor

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