

Special Issue

Machine Learning Applications in Petroleum Industries and Geothermal Systems

Message from the Guest Editors

We have organized a Special Issue on “Machine Learning Applications in Petroleum Industries and Geothermal Systems” in *Energies*, and we would like to invite you to contribute.

The goal of our Special Issue is to include comprehensive review papers, case-studies, short communications, recent results, and studies related to the application of ML for geothermal and petroleum industries. Applications may also include machine learning methods and data analytics to discover and exploit new subsurface signatures, engineer subsurface systems, estimate the state of the stress, increase hydrocarbon extraction efficiency from unconventional reservoirs, control and manipulate permeability, discover and exploit hidden/blind/enhanced geothermal systems, play fairway analysis, reduce the risk of geothermal energy development and exploration, optimize thermal power production through geothermal power plant or reservoir monitoring and analytics, improve prediction and detection of anomalous events during oil and gas and geothermal operations, and improve data analytical capabilities in geothermal operations.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)



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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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