

Special Issue

Data Science in Reservoir Modelling Workflows

Message from the Guest Editors

Dear Colleagues Recent trends in reservoir modelling continue to show a keen interest in machine learning and data mining applications. This Special Issue aims to support the dissemination and exchange of recent progress on this topic. We would like to invite original research contributions to the Special Issue that will cover machine learning and data mining applications including but not limited to the following topics:

- Analysis, inference and integration of core samples and imaging data;
- Knowledge discovery and integration from outcrop and analogue data;
- Seismic inversion with machine learning;
- Automatic seismic interpretation and integration into geo-modelling workflows;
- Machine learning for discrete and continuous reservoir property modelling;
- Reservoir flow prediction modelling and uncertainty—learning from data;
- Decision making based on information and knowledge mined from large reservoir data sets.

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Deadline for manuscript submissions

closed (25 May 2023)



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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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