



Applications of AI Tools in Petroleum Industry from Geosciences to Engineering

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Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

Artificial Intelligence (AI) has changed the direction of multiple industries in the past decade and has significantly impacted how they are operating these days toward more efficiency. This special issue aims to showcase different aspects of petroleum engineering and geosciences where various AI tools have been utilized to provide us with more accurate results by avoiding complex numerical/analytical modeling. Editors, welcome original research papers, reviews, letters and communications that presents different applications of AI in reservoir fluid-rock interaction problems, improved field operations, production forecasting, reservoir characterization, stimulation and simulation methods. We are particularly interested in articles that have employed various and mainstream machine learning (ML) and AI techniques such as the deep learning, supervised and unsupervised learning, a variety of boosting methods where the algorithms are able to distinguish patterns or cluster the big data that is collected from the field/reservoir/play to resolve an issue with higher precision and independent from heavy mathematical manipulations.





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Message from the Editor-in-Chief

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