

Special Issue

Artificial Intelligence in Enhanced Oil Recovery

Message from the Guest Editor

In recent years, the oil and gas industry has undergone a transformative shift toward incorporating cutting-edge technologies to optimize and improve various processes. One of the most prominent areas benefiting from this technological revolution is enhanced oil recovery (EOR). EOR techniques play crucial roles in maximizing hydrocarbon extraction from reservoirs, thereby extending the productive lives of oilfields. Among the emerging technologies, artificial intelligence (AI) has shown great potential to revolutionize EOR methodologies. This proposed Special Issue aims to explore the intersection of AI and enhanced oil recovery, shedding light on innovative research, methodologies, and case studies that highlight the use of AI to enhancing oil recovery processes. This Special Issue provides a comprehensive platform for researchers, engineers, and practitioners to present and discuss the latest advancements, challenges, and opportunities in the field of AI-driven enhanced oil recovery.

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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