# Special Issue

# Reservoir Simulation Studies for Enhanced Oil Recovery

## Message from the Guest Editor

We are soliciting high-quality technical papers for this Special Issue “Reservoir Simulation Studies of EOR Technologies”. Many EOR techniques have been tested in pilot studies and at commercial scales with three major processes of miscible gas, and chemical and thermal methods. There are new hybrid EOR methods currently under field testing to improve the cost and recovery efficiencies, such as low salinity water/polymer, gas/surfactant (low tension foam), and CO2 storage in oil reservoirs, among others. There has been growing motivation and contribution to EOR projects for improving reservoir characterization and process modeling for predicting recovery responses. Practically all EOR methods require a high-resolution description of the reservoir to capture the variations in reservoir properties more accurately. All EOR methods require specific correlations for phase behavior, fluid properties, and relative permeability/capillary pressure, among others. An understanding of the interactions of fluids/rock and the role of geochemistry in low salinity water, chemical, and CO2 floods have also been receiving increasing attention.

## Guest Editor

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## Deadline for manuscript submissions

closed (20 September 2021)

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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.

## Editor-in-Chief

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