



Enhanced Oil Recovery Processes Evaluation, Design and Implementation

Guest Editor:

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Deadline for manuscript submissions:
closed (20 March 2023)

Message from the Guest Editor

Dear Colleagues,

This Special Issue is expected to bring together contributions covering all phases of an EOR project, namely, research, planning, field implementation, and surveillance. Many EOR projects and evaluations have been performed in the last decade, proving that EOR methods still have significant momentum globally. There is value to be unlocked in every aspect of an EOR project. Although there are several EOR techniques available, the focus is suggested, but not limited to, some certain processes. The focus is based on the suitability and applicability of each process, possible synergies, and possible support for carbon-efficient reservoir management. We also encourage papers on **machine learning and artificial intelligence applications in enhanced oil recovery**.

- Chemical EOR: polymer, alkali, nanoparticles, surfactant, microbial, solvent and foams;
- Low-salinity water flooding, smart water, engineered water;
- Thermal EOR: steam injection (cyclic or continuous), in situ combustion;
- Immiscible/miscible gas injection (either hydrocarbon, CO₂, N₂).

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Guest Editor





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Message from the Editor-in-Chief

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