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Potential Evaluation of CO₂ EOR and Storage in Oilfields

Guest Editor:

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Deadline for manuscript submissions:

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Message from the Guest Editor

CO₂ storage in oilfields is a very important part of CCUS technology. CO₂-enhanced oil recovery (CO₂ EOR) can increase crude oil production while reducing carbon emissions, thus achieving economic benefits. CO₂ EOR has the greatest potential for CO₂ utilization among all CCUS technologies.

This Special Issue aims to present and disseminate the most recent advances related to the theory, modelling, and application of all types of CO₂ geological storage and CO₂ EOR in oilfields all over the world.

Topics of interest for publication include, but are not limited to:

- All aspects of CO₂ storage in oilfields, gas fields, coalbed methane fields, hydrate fields, basalt fields, etc.
- Feasibility, potential and mechanism of CO₂ EOR in oil and gas fields.
- Potential assessment method.
- CO₂ EOR economic analysis.
- Advanced reservoir modelling.
- Advanced reservoir simulation.
- CO₂ EOR optimal design.
- Regional CO₂ EOR and storage project clusters.
- Typical oilfield CCUS cases.



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Special Issue



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Message from the Editor-in-Chief

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