

IMPACT FACTOR 3.2



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CO₂ EOR and CO₂ Storage in Oil Reservoirs

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This special issue documents a rapidly developing cluster of mitigation technologies and protocols to reduce atmospheric release of CO2 from point sources, known as Carbon Capture Use and Storage (CCUS). We summarize and link results from the recent developments in CO2 use for Enhanced Oil Recovery (CO2-EOR) and associated longterm geologic storage. We will explore the developing policy and technical progress to link greenhouse gas management rules and incentives to EOR projects, provide case studies of example applications, and evaluate prospects for technology expansion. Frameworks for accounting for injected CO2, recycled gases, and energy use (lifecycle issues), monitoring to document that isolation from the atmosphere is effective, and new evaluations of optimization of EOR to improve project economics and open new CCUS opportunities will be the special issue contributions.











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Message from the Editor-in-Chief

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