

## Special Issue

# Advances in Carbon Dioxide (CO<sub>2</sub>) Enhanced Oil Recovery (EOR) and Carbon Capture and Storage (CCS)

### Message from the Guest Editors

The purpose of this Special Issue is to examine recent developments, innovative methodologies, and practical applications in CO<sub>2</sub>-EOR and CCS. Contributions addressing fundamental, technological, economic, and environmental aspects are encouraged, which will provide insight into the development of sustainable practices and policies. A wide range of topics (research articles and reviews) are welcomed, including, but not limited to, the following:

- Innovations in CO<sub>2</sub>-EOR techniques and reservoir optimization;
- Advances in CO<sub>2</sub> capture technologies;
- Geological and environmental studies on CO<sub>2</sub> storage integrity and monitoring;
- Integration of CO<sub>2</sub>-EOR and CCS in energy transition strategies;
- Novel materials and processes for CO<sub>2</sub> utilization and recycling;
- Life cycle analysis and carbon footprint reduction in CO<sub>2</sub>-EOR and CCS projects;
- Modeling and simulation studies for predicting CO<sub>2</sub> transport in porous media, storage, and recovery.

### Guest Editors

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### Deadline for manuscript submissions

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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.

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