

## Special Issue

# Reservoir Engineering and Carbon Sequestration

### Message from the Guest Editor

For sustainable and environment-unharmful energy development, the reliable analyses of subsurface fluid flow are essential since most energy resources are obtained from the underground space. This special issue pursues sustainability managing different-scale data to solve complex geoscience problems related to reservoir engineering and carbon sequestration. The topic of interest is the cutting-edge computer-assisted technologies to solve geoscience problems and to optimize the complex multidisciplinary problems. Related topics include but are not limited to the following subjects: (1) Reservoir engineering (2) Computational modeling (3) Optimization (4) Data science (deep learning, machine learning, data assimilation) (5) CO<sub>2</sub> geological storage (7) Uncertainty quantification (8) Multiphase flow associated with earth system (9) Geothermal energy

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### Guest Editor

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### Deadline for manuscript submissions

closed (28 February 2021)



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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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