



Reservoir Engineering and Carbon Sequestration

Guest Editor:

Prof. Dr. Changhyup Park

Department of Energy and
Resources Engineering, Kangwon
National University, Chuncheon
24341, Korea

Deadline for manuscript
submissions:

closed (28 February 2021)

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) CO₂ geological storage
- (7) Uncertainty quantification
- (8) Multiphase flow associated with earth system
- (9) Geothermal energy





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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. *Sustainability* publishes original research articles, review 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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)