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 limted 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

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)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/55019

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

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. 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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

