

Special Issue

Geological CO₂ Storage

Message from the Guest Editors

Increases in the level of the global warming imperil the world's ecosystem. Changes in climate patterns lead to an increase in the frequency of natural disasters. These phenomena are already known to be directly linked to increases in the average global temperature. The emission of greenhouse gases (GHGs) into the atmosphere from anthropogenic activities is considered to be the main reason for the increasing global warming. It is predicted that maintaining the current rate of increase in global warming would result in a 1.5 °C increase in the average global temperature between the years 2030 and 2052. Therefore, this issue requires significant surveillance and awareness from responsible bodies to prevent further implications on the environment and human life. This Special Issue aims to collect quality papers presenting the recent advancements achieved within the field of geological CO₂ storage. These papers could address any issue, from injecting to the ultimate fate of CO₂ within underground formations. This Special Issue represents a great opportunity to share novel ideas with a wider international community in this field.

Guest Editors

Dr. Seyed M. Shariatipour

Center for Fluid and Complex Systems, Coventry University, Coventry CV1 5FB, UK

Dr. Mohammadreza Bagheri

Faculty of Petroleum and Petrochemical Engineering, Hakim Sabzevari University, Sabzevar 9617976487, Iran

Deadline for manuscript submissions

closed (31 December 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/104051

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

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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)