





an Open Access Journal by MDPI

Safety and Risk Management in CCUS: Trends, Projects and Technologies

Guest Editor:

Dr. Jianliang Yu

School of Chemical Engineering, Dalian University of Technology, Dalian 116024, China

Deadline for manuscript submissions:

closed (10 August 2023)

Message from the Guest Editor

Carbon-Emission Reduction (CER) with the sustainable development of the Earth environment is one of today's greatest challenges. Carbon Capture, Utilization, and Storage (CCUS) technology plays an increasingly important role in substantially reduce carbon dioxide emissions.

This Special Issue of *Sustainability* focuses on articles and thematic challenges related to the safety and risk management in CCUS technology. The development of safety technologies is undoubtedly an important step in accelerating the implementation of CCUS technology. Without taking into account risk management, CCUS and the further CER for the sustainable development of the environment will not be an achievable goal. The aim of this Special Issue is to bring together contributions aimed at understanding and reducing risk in CCUS.

In this Special Issue, original research articles and reviews are welcome. Research areas may inlucde (but are not limited to) the following: risk recognition and assessment, risk management, safety technologies, projects of safety research, and research trend in CCUS full industrial chain.

We look forward to receiving your contributions.









CITESCORE 5.8

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 sustainability related to 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 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