



an Open Access Journal by MDPI

New Frontiers in Carbon Capture, Utilization and Storage (CCUS)

Guest Editor:

Message from the Guest Editor

Dr. Mohammad (Mim) Rahimi Department of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, MA 02139, USA

Deadline for manuscript submissions: closed (31 December 2021) This Special Issue is designed to focus on updating the research community with the latest advances and prospects on various aspects of the CCUS processes. Researchers are invited to submit their original research as well as review/perspective articles for publication in this Special Issue. Potential topics include, but are not limited to, carbon capture technologies (e.g., thermal and pressure swing processes, membrane systems, electrochemical approaches), CO₂ utilization (e.g., electrochemical reduction, photochemical and biochemical conversions), and CO₂ storage (e.g., CO₂ mineralization and sequestration, enhanced oil recovery).









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