



energies



an Open Access Journal by MDPI

CO₂ Capture, Transportation, Utilization, and Storage

Guest Editor:

Prof. Dr. Dongya Zhao

College of New Energy, China
University of Petroleum (East
China), Qingdao 266580, China

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editor

CO₂ capture, transportation, utilization, and storage (CCUS), as an emerging technology with large-scale emission reduction potential, is expected to achieve nearly zero CO₂ emissions from fossil energy use. It is considered to be one of the most important technological pathways for effective greenhouse gas emission reduction. This technology can not only effectively reduce the production of greenhouse gases to obtain environmental benefits, but also enhance the recovery of crude oil to bring significant economic benefits. In view of the huge development potential of CCUS technology, this technology has also attracted widespread attention from various countries. This *Special Issue* of *Energies* will collect articles that describe the most up-to-date advancements in research and innovation on CCUS. It will help to accelerate advanced research and development on CCUS technologies, while emphasizing their challenges from a sustainable perspective.



mdpi.com/si/78444

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compindex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)