

## Special Issue

# Advanced Clean Coal Technology

### Message from the Guest Editor

Coal is as an abundant natural worldwide resource and is a reliable source of primary energy mix for modern lifestyles. The utilization of coal in every aspect of human life releases more than 40% of energy-based CO<sub>2</sub> emissions and causes serious environmental pollution. Clean coal technology represents advanced technologies such as processing, combustion, conversion, and pollution control, aimed at reducing pollution emissions and improving utilization efficiency throughout the process of coal development. Efforts to create advanced clean coal technology have been taken, and remarkable progress has been made in recent years. The goal of this Special Issue is to setup a platform for researchers to present their recent progress on clean coal technology-related topics. This Special Issue may also enhance the scientific and multi-disciplinary knowledge and visibility of correlated research. It is also expected to illuminate future research directions concerning advanced clean coal utilization.

### Guest Editor

Dr. Guoqiang Cao

Institute of Coal Chemistry, Chinese Academy of Sciences, Taiyuan, China

### Deadline for manuscript submissions

20 January 2026



## Energies

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/210003](https://mdpi.com/si/210003)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



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



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba

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

---

### 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 Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q1 (Control and Optimization)