

Special Issue

Carbon Capture and Storage in the Era of Clean Energy

Message from the Guest Editor

Carbon capture is a broad subject involving a number of technologies at different levels of development that have their own pros and cons. *Energies* has launched a Special Issue titled “Carbon Capture and Storage in the Era of Clean Energy”, covering, but not limited to, all aspects of CCUS listed below:

- Biomass combustion and gasification with CCS;
- Innovative concepts for syngas quality improvement with CCS;
- Water gas shift and reverse water gas shift catalysis in the context of CO₂ utilisation;
- Fischer-Tropsch process improvement, new catalysts and concepts in relation to CO₂ utilisation;
- Conventional and new carbon-capture technologies;
- Pre-combustion and post-combustion capture;
- New solvents for CO₂ capture;
- Process and technological improvements;
- Practical issues and mitigations;
- Intensified processes in carbon capture;
- Impact of volatile metals and particulates in biomass flue gases on the capture process.

Guest Editor

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Deadline for manuscript submissions

closed (25 May 2026)



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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.

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