

Special Issue

Carbon Capture, Storage and Utilization: From a Sustainability Perspective

Message from the Guest Editors

To keep the rate of global warming below around 1.5 to 2 °C, annual removal of more than ten gigatons of CO₂ from the air is required by the middle of the century. In line with the large demand, research and innovation in this field are expanding at a rapid rate, and we in the journal of *Sustainability* are committed to facilitating the communication of high-quality studies in this field. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Advances in carbon capture and storage technologies;
- Advances in CO₂ utilization;
- Technology assessment: economic, environmental, and social;
- Techno-economic feasibility and life-cycle analysis evaluation of CCUS;
- Sustainable carbon capture;
- Direct air capture technology;
- The biological utilisation of CO₂ in value-added products;
- Advances in low emission technologies.

We look forward to receiving your contributions.

Guest Editors

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closed (25 January 2024)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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