# **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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# Deadline for manuscript submissions

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

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