Special Issue

New Frontiers in Carbon Capture, Utilization and Storage (CCUS)

Message from the Guest Editor

This Special Issue is designed to focus on updating the research community with the latest advances and prospects on various aspects of the CCUS processes. Researchers are invited to submit their original research as well as review/perspective articles for publication in this Special Issue. Potential topics include, but are not limited to, carbon capture technologies (e.g., thermal and pressure swing processes, membrane systems, electrochemical approaches), CO2 utilization (e.g., electrochemical reduction, photochemical and biochemical conversions), and CO2 storage (e.g., CO2 mineralization and sequestration, enhanced oil recovery).

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2021)



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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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