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Carbon Capture and Storage: Latest Advances and Prospects

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Deadline for manuscript submissions:

closed (30 November 2023)

Message from the Guest Editors

With the great economic development and numerous causes of fossil fuel consumption, the rapid increase in excessive carbon emission has become an urgent issue faced by the world. To meet the carbon-neutral vision, decarbonisation techniques were needed and encouraged. Carbon capture and storage was one of the most effective methods to reduce carbon emissions. It includes the technologies of greenhouse gas capture from fossil-fuel-fired power stations, refineries, chemical plants, etc. Technologies of carbon storage in different media, such as deep saline aquifers, oil and gas reservoirs, coal beds, deep oceans, and so on, also need comprehensively studying.

We, therefore, invite the submission of papers on innovative technical developments, reviews, case studies, analytical studies, and assessment papers from different disciplines, which are relevant to carbon capture methods, CO₂ emission distribution, carbon storage mechanisms, underground and in oceans, carbon source and sink matching, CO₂-enhanced oil, and gas recovery, CO₂-assisted natural gas hydrates, and coal bed methane development topics.



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Message from the Editor-in-Chief

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