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Recent Progress in Bio-Energy with Carbon Capture and Storage

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Message from the Guest Editor

To limit the average global temperature rise to two degrees celcius in this century, bioenergy with carbon capture and storage (BECCS) can play a crucial role. The BECCS is a technology used to convert energy from biomass resources integrating with geological storage of emitted carbon. Some common bioenergy conversion technologies include pyrolysis, gasification, combustion, fermentation, and biodegradation. However, the uncertainties or challenges of BECCS technology include biomass resources, storage capacity, conflict with food security and biodiversity. The BECCS technology is a potential research area capable of meeting increasing energy demand beside reducing emission substantially. Hence, we invite researchers around the globe to contribute to this special issue and share their ideas, knowledge and experience towards the progress of the BECCS technology.



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Special Issue



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Message from the Editor-in-Chief

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