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Advance in CO₂ Capture Technology

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Message from the Guest Editor

The need for climate change mitigation measures continues to grow. Efforts are increasing worldwide to move away from fossil fuels and move towards renewable energy. New technologies are being invented, and existing technologies are being improved to make them economically viable and environmentally acceptable. In order to meet the targets of greenhouse emissions reduction and to keep the global temperature rise below 2 °C, all the available technologies have to play their role.

Carbon capture is gaining increased interest as a technology to reduce greenhouse gas emissions from the power and industrial sectors. Without carbon capture with utilisation, the storage costs of decarbonisation will increase significantly. Carbon capture is a broad subject involving a number of technologies at different levels of development that have their own pros and cons.



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Message from the Editor-in-Chief

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