



Scrubbing the Skies: Carbon Dioxide Removal Approaches and their Potential Role in Addressing Climate Change

Friday, March 5th
11:00AM-12:00PM

Zoom: [Join Here](#)

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Abstract: In the ensuing years after the entry into force of the Paris Agreement, it has become increasingly obvious that achievement of its temperature objectives will require both aggressive emission reductions initiatives and large-scale deployment of carbon dioxide removal/negative emissions technologies, sometimes also referred to as a major sub-category of climate geoengineering. Indeed, 87% of the IPCC's scenarios for holding temperatures to below 2° contemplate a substantial role for carbon dioxide removal. These options include afforestation/reforestation, bioenergy with carbon capture and storage, enhanced mineral weathering, biochar, and ocean-based approaches, such as ocean iron fertilization.

This presentation will discuss the potential benefits and risks presented by an array of carbon dioxide removal geoengineering approaches. It will also include a discussion of governance efforts to date by international treaty regimes, and other potentially pertinent regimes such as the UNFCCC/Paris Agreement and the United Nations Convention on Law of the Sea, as well as the role of domestic law.



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