

Carbon dioxide removal timeline

Carbon dioxide removal (CDR), which emerged in climate models as a largely abstract idea, has evolved into a set of specific methods and spawned calls for supportive policies. Industrial ...

Carbon registry organization Gold Standard has published its Engineered Removals Activity Requirements, a new framework designed to guide the certification of engineered carbon ...

Here, we use artificial intelligence to provide a comprehensive systematic map of carbon dioxide removal research. We find a total of 28,976 studies on carbon dioxide removal--3-4 times ...

Start > CO2-removal News > Peer-reviewed Publications > Nature - Zhang et al. (2025): Economically viable geological CO₂ storage from direct air capture has critical threshold of ...

The Earth's terrestrial ecosystem is a critical carbon reservoir at risk of transitioning from carbon sinks to sources amidst large-scale carbon dioxide removal (CDR) strategies aimed at ...

Carbon dioxide removal (CDR) involves intentionally extracting CO₂ from the atmosphere through human activities, storing it durably in geological, terrestrial, or marine reservoirs, or even within ...

Microsoft, Carbon Direct release updated carbon dioxide removal criteria The tech giant and the carbon management firm said utilizing high-quality removal pathways to achieve global climate ...

Direct Air Capture (DAC) is an innovative technology that extracts carbon dioxide (CO₂) directly from the atmosphere, offering a vital tool to combat climate change by reducing greenhouse ...

A host of emerging methods that remove carbon dioxide from the atmosphere can be critical tools to limit global temperature increases, so long as policymakers don't overestimate the methods" ...

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