



## Climate Engineering Newsletter for Week 22 of 2021



### Upcoming Events

- **(new) 04.06.2021**, Webinar: The Role of Carbon Capture and Removal Technologies in Achieving Industrial Sector Decarbonization, online
- **16.06.2021**, Event: International PhD Colloquium 2021, online
- **(new) 16.06.2021**, Event: AirMiners: Carbon Removal Careers Networking, online
- **21.-23.06.2021**, Conference: Trondheim CCS Conference (TCCS-11), online
- **(new) 23.06.2021**, Event: How Carbon Removal Can Reach Negative, online
- **04.-09.07.2021**, Conference: Goldschmidt2021: Session 9j: Atmospheric carbon dioxide removal by enhanced weathering to mitigate global warming, online and Lyon / France
- **08.-09.07.2021**, Event: Eleventh GeoMIP Workshop, online
- **11.-17.07.2021**, IEA Greenhouse Gas R&D Programme 2020 Summer School, Bandung / Indonesia
- **21.09.2021**, Conference: 1st Annual Conference on Carbon Removal Law and Policy, online
- **05.-08.10.2021**, Conference: Climate Engineering in Context 2021, location TBA
- **19.-21.10.2021**, Conference: PCCC-6, online
- **01.-12.11.2021**, Conference: COP26, Glasgow / UK
- **04.-07.11.2021**, Conference: Negative Emissions Science (scialog), AZ / USA



### Calls & Deadlines

- **01.06.2021**, Call for Papers: Special Issue on Economics, Policy and Management of CCS Chains for Carbon Neutrality
- **15.06.2021**, Call for Evidence: Role of biomass in achieving net zero: call for evidence
- **16.06.2021**, PhD Opportunity: PhD Studentship in Marine Cloud Brightening (University of Cambridge)
- **18.06.2021**, Call for Proposals (Panels and Presentations): 1st Annual Conference on Carbon Removal Law and Policy
- **(new) 01.08.2021**, Call for Abstracts: Solar Geoengineering in the Horizon: Humanitarian Dimensions
- **30.09.2021**, Call for Abstracts: Enhanced Weathering and Synergistic Combinations with Other CDR Methods (Frontiers Research Topic)
- **31.07.2022**, Call for Submissions: Special Issue "Resolving uncertainties in solar geoengineering through multi-model and large-ensemble simulations" (ACP/ESD inter-journal SI)



### Jobs

- [09.06.2021](#), Job: Technology Analyst, Carbon Capture Systems (IEAGHG)
- [10.06.2021](#), Job: Research Associate in Climate Change Mitigation (University of Sheffield)
- [\(new\) 15.06.2021](#), Job: Researcher / PhD position (f/m/d) in Environmental Economics or Public Economics with special focus on Carbon Dioxide Removal Policies
- [19.06.2021](#), Job: Postdoctoral Associate (Stony Brook University)
- [\(new\) \(no deadline\)](#), Job: Lead Calcination Engineer (Heirloom)
- [\(new\) \(no deadline\)](#), Job: Agronomy Lead (Running Tide)
- [\(new\) \(no deadline\)](#), Job: Senior Chemical/Process Engineer (Heirloom)
- [\(new\) \(no deadline\)](#), Job: Program Director – Carbon Capture (ClearPath)
- [\(no deadline\)](#), Job: Industrial Innovation & Carbon Removal Director, WRI-U.S.
- [18.06.2021](#), Job: Postdoctoral Fellow: Carbon Dioxide Removal Modelling (Norwegian University of Science and Technology)
- [\(no deadline\)](#), Job: Early career (PhD) positions for research into ocean alkalization and CO2 uptake
- [\(no deadline\)](#), Job: Postdoctoral Opportunity: Geophysical modeling for a net-zero emission energy system (Carnegie Science)
- [\(no deadline\)](#), Job: Carbon Analyst & Program Specialist
- [\(no deadline\)](#), Job: CCSA Vacancy: Chief Executive
- [\(no deadline\)](#), Job: Various Positions (climeworks)



## Publications

- [Fuhrman, Jay; et al. \(2021\)](#): The role of negative emissions in meeting China's 2060 carbon neutrality goal
- [Sweet, Shannan K.; et al. \(2021\)](#): Perceptions of naturalness predict US public support for Soil Carbon Storage as a climate solution
- [Sherwin, Evan D. \(2021\)](#): Electrofuel Synthesis from Variable Renewable Electricity: An Optimization-Based Techno-Economic Analysis
- [Healey, Peter; et al. \(2021\)](#): Governing Net Zero Carbon Removals to Avoid Entrenching Inequities
- [Wilson, Brooke \(2021\)](#): Past the Tipping Point, but With Hope of Return: How Creating a Geoengineering Compulsory Licensing Scheme Can Incentivize Innovation
- [Wagner, Gernot \(2021\)](#): Geoengineering. The gamble
- [Shayegh, Soheil; et al. \(2021\)](#): Future Prospects of Direct Air Capture Technologies: Insights From an Expert Elicitation Survey
- [Kravitz, Ben \(2021\)](#): Effects of climate engineering on agriculture
- [E. G. Novitskii; et al. \(2021\)](#): Optimization of Methods for Purification of Gas Mixtures to Remove Carbon Dioxide (A Review)
- [Palmer, James; Carton, Wim \(2021\)](#): Carbon Removal as Carbon Revival? Bioenergy, Negative Emissions, and the Politics of Alternative Energy Futures
- [Petersen, Haley A.; Luca, Oana R. \(2021\)](#): Application-specific thermodynamic favorability zones for direct air capture of carbon dioxide
- [Jebari, Joseph; et al. \(2021\)](#): From Moral Hazard to Risk-Response Feedback



## Political Papers

- [Grisé, Michelle; et al. \(2021\)](#): Climate Control: International Legal Mechanisms for Managing the Geopolitical Risks of Geoengineering



## Projects

(no new projects)



## Selected Media Responses

- [CarbonPlan](#): New lessons from reviewing carbon removal proposals
- [Electric Insights](#): Q1 2021: Britain's Transition From Coal To Biomass To BECCS
- [Video](#): Climate Chat Club: \$100K/ton!?! - The Ultimate Cost of Carbon. David Archer Interview
- [Department for Business, Energy & Industrial Strategy \(UK\)](#): Projects selected for Phase 1 of the Direct air capture and greenhouse gas removal programme
- [NBC News](#): Carbon storage offers hope for climate, cash for farmers
- [climeworks](#): Climeworks and 44.01 to unlock the storage potential for air-captured CO<sub>2</sub>
- [C2G Talk](#): An interview with Youba Sokona: How do we include sustainable development when considering climate-altering approaches?
- [The Guardian](#): Trials to suck carbon dioxide from the air to start across the UK
- [BBC](#): Fish 'not as carbon friendly' as previously thought
- [Business Wire](#): Climate Vault Launches With New Solution for Carbon Reductions, Spurs Innovation of Carbon Removal Technologies

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