



Climate Engineering Newsletter for Week 29 of 2021



Upcoming Events

- [26.07.-06.08.2021](#), Event: ITB-IEAGHG International Virtual Course on Carbon Capture, Utilization and Storage (CCUS), online
- [27.07.2021](#), Event: CRISPR Crops: How Scientists are Using Genome Editing to Sequester Carbon, online
- [27.-28.07.2021](#), Event: Accelerating the Transition to a Climate-Positive Future, online
- [\(new\) 28.07.2021](#), Webinar: Artificial Upwelling Pumps for Carbon Dioxide Removal, online
- [\(new\) 29.07.2021](#), Webinar: Artificial Upwelling Pumps for Carbon Dioxide Removal, online
- [\(new\) 14.-15.09.2021](#), Event: Direct Air Capture Summit 2021, Zurich / Switzerland and online
- [21.09.2021](#), Conference: 1st Annual Conference on Carbon Removal Law and Policy, online
- [04.-08.10.2021](#), Conference: Climate Engineering in Context 2021, online
- [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
- [13.-17.12.2021](#), Conference: AGU Fall Meeting 2021, New Orleans, LA / USA & online



Calls & Deadlines

- [01.08.2021](#), Call for Abstracts: Solar Geoengineering in the Horizon: Humanitarian Dimensions
- [04.08.2021](#), Call for Abstracts: AGU Fall Meeting
- [\(new\) 17.08.2021](#), Call for proposals: direct air capture and environmental and climate justice
- [19.08.2021](#), PhD Opportunity: Doctoral scholarship holder Enhanced Weathering for Climate Change Mitigation
- [30.09.2021](#), Call for Abstracts: Enhanced Weathering and Synergistic Combinations with Other CDR Methods (Frontiers Research Topic)
- [\(new\) 18.10.2021](#), Call for Applications: FY 2022 Notice of Funding Opportunity
- [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

- [23.07.2021](#), Job: Postdoctoral Researcher (University of Oxford)
- [23.07.2021](#), Job: Research Associate in the Economics of Nature-based

Solutions (University of Oxford)

- [\(new\) 26.07.2021](#), Job: Research Associate: Net Zero Dashboard (University of Oxford)
- [30.07.2021](#), Job: 3-year Post-Doctoral Position (MCC)
- [\(new\) 31.08.2021](#), Job: Researcher position (f/m/d) in energy systems modeling: Ocean-based carbon dioxide removal
- [\(new\) \(no deadline\)](#), Job: Associate, Project Development, Nature Based Solutions – UK
- [\(new\) \(no deadline\)](#), Job: Postdoctoral Researcher Soil Geochemistry/Chemistry (University of California, Berkeley)
- [\(no deadline\)](#), Job: Special Assistant, Carbon Management Research Initiative (Columbia University)
- [\(no deadline\)](#), Job: Postdoctoral Research Associate (Princeton University)
- [\(no deadline\)](#), Job: Methodology Analyst/Environmental Scientist (Nori)
- [\(no deadline\)](#), Job: Project Manager, Nature-Based Solutions (Native)



Publications

- [Laakso, Anton; et al. \(2021\)](#): Dependency of the impacts of geoengineering on the stratospheric sulfur injection strategy part 1: Intercomparison of modal and sectional aerosol module
- [Neukermans, Armand; et al. \(2021\)](#): Methods for Dispersal of Precipitated Calcium Carbonate for Stratospheric Aerosol Injection
- [Batres, Maya; et al. \(2021\)](#): Environmental and climate justice and technological carbon removal
- [Sam Uden; Paul Dargusch; Chris Greig \(2021\)](#): Cutting through the noise on negative emissions
- [An, Soon-Il; et al. \(2021\)](#): Global cooling hiatus driven by an AMOC overshoot in a carbon dioxide removal scenario
- [van Long, Nguyen Duc; et al. \(2021\)](#): Improvement of marine carbon capture onboard diesel fueled ships
- [Osaka, Shannon; et al. \(2021\)](#): Framing “nature-based” solutions to climate change
- [Gatti, Luciana V.; et al. \(2021\)](#): Amazonia as a carbon source linked to deforestation and climate change
- [Reynolds, Jesse L. \(2021\)](#): Earth system interventions as technologies of the Anthropocene
- [Ferguson, Katelyn M.; et al. \(2021\)](#): Production of Carbon Neutral Methanol Using Co-Electrolysis of CO₂ and Steam in Solid Oxide Electrolysis Cell in Tandem with Direct Air Capture
- [Princiotta, Frank T. \(2021\)](#): The Climate Mitigation Challenge-Where Do We Stand?
- [Azarabadi, Habib; Lackner, Klaus S. \(2019\)](#): A sorbent-focused techno-economic analysis of direct air capture



Political Papers

- [Morton, Ewan \(2021\)](#): Ensuring Good Governance of Carbon Dioxide Removal
- [Carbon Direct; Microsoft \(2021\)](#): Criteria for high-quality carbon dioxide removal
- [Samaniego, et al. \(2021\)](#): Current understanding of the potential impact of Carbon Dioxide Removal approaches on the Sustainable Development Goals in selected countries in Latin America and the Caribbean. Summary for policy makers
- [Energy Transitions Commission \(2021\)](#): Bioresources within a Net-Zero Emissions Economy: Making a Sustainable Approach Possible
- [Coalition for Negative Emissions \(2021\)](#): ‘The case for Negative Emissions’ executive summary
- [Hydrogen4EU \(2021\)](#): Charting Pathways to Enable Net Zero



Projects

(no new projects)



Selected Media Responses

- [EPFL](#): A risk-risk assessment framework for Solar Radiation Modification
- [Inside Climate News](#): An Indigenous Group's Objection to Geoengineering Spurs a Debate About Social Justice in Climate Science
- [SevenFiftyDaily](#): "Carbon Capture During Fermentation Could Make Wine a Negative-Emission Industry"
- [Bellona](#): Fit for 2030 series: A Slow and Steady start for CDR in the EU
- [IEEE Spectrum](#): Engineers: You Can Disrupt Climate Change
- [The Carbon Curve](#): Three Ways Modularity Can Help Scale Up Carbon Removal

To unsubscribe please send short message to info@climate-engineering.eu or use the web interface (under "user login"). In case something is missing in the newsletter, send us an email.

info@climate-engineering.eu