



Climate Engineering Newsletter for Week 37 of 2021



Upcoming Events

- [14.-15.09.2021](#), Event: Direct Air Capture Summit 2021, Zurich / Switzerland and online
- [21.-22.09.2021](#), Conference: 1st Annual Conference on Carbon Removal Law and Policy, online
- [21.09.2021](#), Webinar: C2ES: Scaling Carbon Dioxide Removal: Limitations and Potential, online
- [22.09.2021](#), Webinar: Implementation and Engineering: SRM, online
- [30.09.2021](#), Event: Foundation for Climate Restoration: Third Annual Climate Restoration ForumNA
- [04.-08.10.2021](#), Conference: Climate Engineering in Context 2021, online
- [\(new\) 12.-14.10.2021](#), Event: CCUS 2021, online
- [18.-22.10.2021](#), Event: IMBIZO 6: Marine Biosphere Research: Buoyant Solutions for Ocean Sustainability, online
- [19.-21.10.2021](#), Conference: PCCC-6, online
- [20.-21.10.2021](#), Conference: Carbon Capture Technology Expo Europe, Bremen / Germany
- [20.-21.10.2021](#), Conference: Hydrogen Technology Expo Europe, Bremen / Germany
- [01.-12.11.2021](#), Conference: COP26, Glasgow / UK
- [04.-07.11.2021](#), Conference: Negative Emissions Science (scialog), AZ / USA
- [09.12.2021](#), Event: "Mapping the Carbon Removal Community of Practice" AGU 6-hour scientific workshop, Online
- [13.-17.12.2021](#), Conference: AGU Fall Meeting 2021, New Orleans, LA / USA & online



Calls & Deadlines

- [15.09.2021](#), Call for Submissions: Blue Climate Initiative: Ocean Innovation Prize
- [15.09.2021](#), Call for Submissions: Microsoft Sustainability RFI: Driving to a Carbon Negative Globe
- [24.09.2021](#), Call for Applications: Ocean Visions Launchpad
- [30.09.2021](#), Call for Abstracts: Enhanced Weathering and Synergistic Combinations with Other CDR Methods (Frontiers Research Topic)
- [18.10.2021](#), Call for Applications: FY 2022 Notice of Funding Opportunity
- [31.10.2021](#), Call for Papers: Frontiers: Research Topic: Harmonizing Life Cycle Analysis (LCA) and Techno-Economic Analysis (TEA) guidelines
- [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)
- [No Deadline](#), Call for Proposals: Climate Vault Request for Information (RFI)
- [No Deadline](#), Call for Submissions: Stripe Climate: Fall 2021 Carbon Removal Purchase



Jobs

- [\(new\) 15.09.2021](#), Job: student assistant for the climate engineering

- research team (IASS Potsdam) (German)
- [15.09.2021](#), Job: Postdoc position for global modelling of terrestrial carbon dioxide removal (PIK)
- [\(new\) \(no deadline\)](#), Job: Associate Director, Industry (Climateworks Foundation)
- [\(new\) \(no deadline\)](#), Job: Program Associate, Carbon Dioxide Removal (Climateworks Foundation)
- [\(new\) \(no deadline\)](#), Job: Postdoctoral Fellow (Direct Air Capture System Design & Analysis) (Berkeley Lab)
- [\(new\) \(no deadline\)](#), Job: Regional Land / Estates Manager (Remote with some UK travel) (The Future Forest Company)
- [\(no deadline\)](#), Job: Software Engineer (Carbon Chain)
- [\(no deadline\)](#), Job: Data Scientist (Carbon Chain)
- [\(no deadline\)](#), Job: Lead Controls Engineer (Heirloom)
- [\(no deadline\)](#), Job: Founding Chemical Engineer (Noya)
- [\(no deadline\)](#), Job: Founding Mechanical Engineer (Noya)
- [\(no deadline\)](#), Job: Forest Carbon Scientist (Carbon Direct)
- [\(no deadline\)](#), Job: President & Chief Executive Officer (International CCS Knowledge Centre)
- [\(no deadline\)](#), Job: Field Engineer (Carbon Cure)
- [\(no deadline\)](#), Job: Research Engineer (Carbon Cure)
- [\(no deadline\)](#), Job: Postdoc Position in Paleoclimate Modeling (University at Albany)
- [\(no deadline\)](#), Job: Postdoctoral Researcher (100%) (f/m/d) in the research group on Climate Geoengineering (IASS Potsdam)
- [\(no deadline\)](#), Job: Science Advisor (Part Time), Carnegie Climate Governance Initiative (C2G)
- [\(no deadline\)](#), Job: Postdoctoral Associate
- [\(no deadline\)](#), Job: Postdoctoral Position
- [\(no deadline\)](#), Job: Founding Mechanical Engineer (Noya)
- [\(no deadline\)](#), Job: Founding Materials Engineer (Noya)
- [\(no deadline\)](#), Job: VP, Carbon Removal Methodology Development (Puro.earth)



Publications

- [Otto, Danny; et al. \(2021\)](#): Exploring Narratives on Negative Emissions Technologies in the Post-Paris Era
- [Kravitz, Ben; Sikka, Tina \(2021\)](#): Conducting more inclusive solar geoengineering research: A feminist science framework
- [Slesinski, Daniel; Litzelman, Scott \(2021\)](#): How Low-Carbon Heat Requirements for Direct Air Capture of CO₂ Can Enable the Expansion of Firm Low-Carbon Electricity Generation Resources
- [Bonou, Frederic; et al. \(2021\)](#): Stratospheric Sulfate Aerosols impacts on West African monsoon precipitation using GeoMIP Models
- [Tully, Colin; et al. \(2021\)](#): Cirrus cloud thinning using a more physically-based ice microphysics scheme in the ECHAM-HAM GCM [preprint], in review
- [Ricke, Katharine; Moreno-Cruz, Juan \(2020\)](#): Geo-Wedges: A Portfolio Approach to Geoengineering the Climate



Political Papers

- [Romany M. Webb, et al. \(2021\)](#): Removing Carbon Dioxide Through Ocean Alkalinity Enhancement and Seaweed Cultivation. Legal Challenges and Opportunities. Columbia Law School: Sabin Centre for Climate Change Law



Projects

- [Project](#): Climeworks begins operations of Orca, the world's largest direct air capture and CO₂ storage plant



Selected Media Responses

- [Video](#): Climeworks: Launch of Orca
- [Podcast](#): CCS size and failure risk - Wang
- [Video](#): Climate Chat Club: The Godfather of Carbon Capture: Klaus Lackner (Interview)
- [Marine Technology News](#): China Pursuing Bigger Ocean Carbon Sinks to Help Meet Climate Goals
- [UK News Today](#): Drax looks to build supply chain to support major move to negative emissions
- [Podcast](#): Research ethics in geoengineering - Jude Galbraith
- [Podcast](#): Carbon Removal Newsroom: Biochar, carbon dioxide removal in the US, and geoengineering
- [The Hill](#): A realistic response to the climate wake-up call
- [Politico](#): The perils of making rules for climate manipulation
- [Yale Environment 360](#): How Adding Rock Dust to Soil Can Help Get Carbon into the Ground
- [The Hill](#): The climate crisis requires every tool we've got, including carbon removal
- [Politico](#): The risky climate bet of using forests to remove CO2
- [LNG Industry](#): SKK Migas approves plans for LNG carbon capture project
- [Energy Voice](#): CNOOC launches China's first offshore carbon capture project
- [The Weather Network](#): World's largest carbon capture plant will soon operate in Iceland
- [Offshore Engineer](#): DUC, Ørsted, DTU Enter CCS Project in Denmark
- [Energy Voice](#): Aker Solutions, Siemens and Doosan Babcock join forces for UK CCUS work
- [Video](#): Open Air: This Is CDR EP06: SEA MATE with Matthew Eisaman, PhD
- [IEEE Spectrum](#): Here's how we could brighten clouds to cool the earth
- [Blog](#): The Future of Carbon Capture: A View of the Current Players

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