



Climate Engineering Newsletter for Week 20 of 2021



Upcoming Events

- **18.-20.05.2021**, Event: OCEANVISIONS 2021 Summit: Towards a Global Ecosystem for Ocean Solutions, online and San Diego / USA
- **18.05.2021**, Conference: Ocean Visions Summit: Session 1: Accelerating the Ocean's Power to Sequester Carbon and Reverse Climate Disruption, online
- **(new) 18.05.2021**, Online Seminar: The Emerging Politics of Geoengineering, online
- **20.05.2021**, Webinar: 4th Green Carbon Webinar Series, online
- **20.05.2021**, Event: Climate Conversations: Solar Geoengineering, online
- **(new) 26.05.2021**, Webinar: Net Zero Targets: The Good, the Bad and the Ugly, online
- **16.06.2021**, Event: International PhD Colloquium 2021, online
- **21.-23.06.2021**, Conference: Trondheim CCS Conference (TCCS-11), online
- **04.-09.07.2021**, Conference: Goldschmidt2021: Session 9j: Atmospheric carbon dioxide removal by enhanced weathering to mitigate global warming, online and Lyon / France
- **(new) 08.-09.07.2021**, Event: Eleventh GeoMIP Workshop, online
- **11.-17.07.2021**, IEA Greenhouse Gas R&D Programme 2020 Summer School, Bandung / Indonesia
- **(new) 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

- **25.05.2021**, Call for Applications: AirMiners Launchpad
- **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
- **(new) 18.06.2021**, Call for Proposals (Panels and Presentations): 1st Annual Conference on Carbon Removal Law and Policy
- **(new) 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

- [21.05.2021](#), Job: HCI Assistant Professor in Engineering in Climate Action (Trinity College Dublin)
- [23.05.2021](#), Job: 2 vacancies: 1 postdoctoral and 1 predoctoral researcher on international/European climate governance (100%) (Brussels School of Governance)
- [26.05.2021](#), Job: PhD Researcher - Intergenerational Democracy and Negative Emissions Technology M/V (University of Twente)
- [\(new\) 09.06.2021](#), Job: Technology Analyst, Carbon Capture Systems (IEAGHG)
- [18.06.2021](#), Job: Postdoctoral Fellow: Carbon Dioxide Removal Modelling (Norwegian University of Science and Technology)
- [\(new\) 19.06.2021](#), Job: Postdoctoral Associate (Stony Brook University)
- [\(no deadline\)](#), Job: Industrial Innovation & Carbon Removal Director, WRI-U.S.
- [\(no deadline\)](#), 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)
- [\(no deadline\)](#), Job: Lecturer/Senior Lecturer (Environmental Studies) (National University of Singapore)



Publications

- [Keyßer, Lorenz T.; Lenzen, Manfred \(2021\)](#): 1.5 °C degrowth scenarios suggest the need for new mitigation pathways
- [Giannousakis, Anastasis; et al. \(2021\)](#): How uncertainty in technology costs and carbon dioxide removal availability affect climate mitigation pathways
- [Javed, Mahnoor; et al. \(2021\)](#): An overview of effect of process parameters for removal of CO₂ using biomass-derived adsorbents
- [Pissoft, Petr; et al. \(2021\)](#): Stratospheric contraction caused by increasing greenhouse gases
- [Gao, Ru-Shan; et al. \(2021\)](#): Toward practical stratospheric aerosol albedo modification: Solar-powered lofting
- [Warszawski, Lila; et al. \(2021\)](#): All options, not silver bullets, needed to limit global warming to 1.5°C: a scenario appraisal
- [Bhowmick, Mansi; et al. \(2021\)](#): Response of the Indian summer monsoon to global warming, solar geoengineering and its termination
- [Banerjee, Antara; et al. \(2021\)](#): Robust winter warming over Eurasia under stratospheric sulfate geoengineering – the role of stratospheric dynamics
- [Bach, Lennart T.; et al. \(2021\)](#): Testing the climate intervention potential of ocean afforestation using the Great Atlantic Sargassum Belt



Political Papers

- [Amador, Giana; et al. \(2021\)](#): Zero, Then Negative. The Congressional Blueprint for Scaling Carbon Removal
- [Marine Conservation Society and Rewilding Britain \(2021\)](#): Blue carbon. Ocean-based solutions to fight the climate crisis



Projects

(no new projects)



Selected Media Responses

- [nature Editorial](#): Give research into solar geoengineering a chance
- [Climate Home News](#): Carbon removal experts support splitting “net zero” into twin targets
- [Wageningen University & Research](#): The Emerging Politics of Geoengineering
- [Carbon 180](#): The future of carbon removal is built on reimagined public engagement
- [nd](#): Into the trap of net-zero (German)
- [Berkeley](#): Researchers outline strategy for biomass carbon capture in Europe

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