



Climate Engineering Newsletter for Week 18 of 2021



Upcoming Events

- **(new) 04.05.2021**, Webinar: Governance of emerging climate technologies in the context of sustainable development, online
- **05.05.2021**, Conference: AirMiners 2021: Carbon Removal Taking Flight, online
- **06.05.2021**, Webinar: 4th Green Carbon Webinar Series, online
- **06.05.2021**, Event: Setting an Agenda for Solar Geoengineering Research and Governance, online
- **(new) 06.05.2021**, Event: Carbon to Value Initiative Kickoff, online
- **12.05.2021**, Event: CET Presents: The Future of Carbon Removal, online
- **18.-20.05.2021**, Event: OCEANVISIONS 2021 Summit: Towards a Global Ecosystem for Ocean Solutions, online and San Diego / USA
- **(new) 18.05.2021**, Conference: Ocean Visions Summit: Session 1: Accelerating the Ocean's Power to Sequester Carbon and Reverse Climate Disruption, online
- **20.05.2021**, Webinar: 4th Green Carbon Webinar Series, online
- **20.05.2021**, Event: Climate Conversations: Solar Geoengineering, 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
- **11.-17.07.2021**, IEA Greenhouse Gas R&D Programme 2020 Summer School, Bandung / Indonesia
- **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
- **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

- [07.05.2021](#), Job: Program Manager: Ocean-Based Climate Solutions (Ocean Visions)
- [07.05.2021](#), Job: Postdoctoral Fellow (Sustainable Energy Systems Group) (Berkeley Lab)
- [\(new\) 14.05.2021](#), Job: Project Drawdown: Director of Development
- [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)
- [\(new\) \(no deadline\)](#), Job: Early career (PhD) positions for research into ocean alkalization and CO2 uptake
- [\(new\) \(no deadline\)](#), Job: Postdoctoral Opportunity: Geophysical modeling for a net-zero emission energy system (Carnegie Science)
- [\(new\) \(no deadline\)](#), Job: Carbon Analyst & Program Specialist
- [\(new\) \(no deadline\)](#), Job: CCSA Vacancy: Chief Executive
- [\(new\) \(no deadline\)](#), Job: Various Positions (climeworks)
- [\(no deadline\)](#), Job: Lecturer/Senior Lecturer (Environmental Studies) (National University of Singapore)
- [\(no deadline\)](#), Job: Carbon Management Director
- [\(no deadline\)](#), Job: Carbon Capture Policy Specialist (Clean Air Task Force)



Publications

- [Guo, Mengzhi; et al. \(2021\)](#): A Highly Efficient and Stable Composite of Polyacrylate and Metal-Organic Framework Prepared by Interface Engineering for Direct Air Capture
- [Yuan, Peng; Liu, Dong \(2021\)](#): Proposing a potential strategy concerning Mineral-enhanced Biological Pump (MeBP) for improving Ocean Iron Fertilization (OIF)
- [Hansson, Anders; et al. \(2021\)](#): Boundary Work and Interpretations in the IPCC Review Process of the Role of Bioenergy With Carbon Capture and Storage (BECCS) in Limiting Global Warming to 1.5°C
- [Corry, Olaf; Kornbech, Nikolaj \(2021\)](#): Geoengineering: A New Arena of International Politics
- [Terhaar, Jens, et al. \(2021\)](#): Southern Ocean anthropogenic carbon sink constrained by sea surface salinity
- [Condie, Scott A.; et al. \(2021\)](#): Large-scale interventions may delay decline of the Great Barrier Reef.
- [Liu, Meishen; et al. \(2021\)](#): Integrated CO₂ Capture and Removal via Carbon Mineralization with Inherent Regeneration of Aqueous Solvents
- [Thakur, Naineeka Singh; et al. \(2020\)](#): Entrapment of Carbon Dioxide Using Bagasse and Soda Lime
- [Michaelowa, Axel \(2021\)](#): Solar Radiation Modification - A "Silver Bullet" Climate Policy for Populist and Authoritarian Regimes?
- [Lovera-Bilderbeek, Simone; Lahiri, Souparna \(2021\)](#): Addressing power imbalances in biosequestration governance
- [Pasztor, Janos; Harrison, Nicholas \(2021\)](#): Introduction to the Special Issue: 'Governing Climate-altering Approaches'
- [Jinnah, Sikina; et al. \(2021\)](#): Splitting Climate Engineering Governance: How Problem Structure Shapes Institutional Design
- [Mace, M. J.; et al. \(2021\)](#): Large-Scale Carbon Dioxide Removal to Meet the 1.5°C Limit: Key Governance Gaps, Challenges and Priority Responses
- [Galán-Martín, Ángel; et al. \(2021\)](#): The consequences of inaction on carbon dioxide removal
- [Sovacool, Benjamin K. \(2021\)](#): Reckless or righteous? Reviewing the sociotechnical benefits and risks of climate change geoengineering
- [Duan, Hongbo; et al. \(2021\)](#): Assessing China's efforts to pursue the 1.5°C warming limit
- [Grassi, Giacomo; et al. \(2021\)](#): Critical adjustment of land mitigation pathways for assessing countries' climate progress



Political Papers

- [Bodansky, Daniel; Wanser, Kelly \(2021\)](#): Think Globally, Govern Locally: Designing a National Research Program on Near-Term Climate Risks and Possible Interventions



Projects

(no new projects)



Selected Media Responses

- [BusinessGreen](#): In defence of net zero
- [Ocean Visions](#): Ocean Visions' Experts to Advise/Evaluate Innovation Tackling Ocean Acidification
- [Climate Tech VC](#): A foundational approach to decarbonization: Sustainable Cement
- [Bloomberg Green](#): Carbon Taxes Cut Emissions, Not Jobs or Economic Growth
- [OHB](#): OHB establishes geoengineering network (German)
- [OHB](#): OHB establishes geoengineering network
- [EurekaAlert!](#): Uncertainty of future Southern Ocean CO₂ uptake cut in half
- [CarbonBrief](#): Explainer: Will global warming 'stop' as soon as net-zero emissions are reached?
- [Council on Foreign Relations](#): Can Solar Geoengineering Be Used as a Weapon?
- [Medium](#): Announcing Heirloom
- [Carbon180](#): Incentivizing DAC deployment with the ESIC Act
- [European Commission](#): Climate Action: Commission sets the carbon farming initiative in motion
- [Our Daily Planet](#): Solve for C: Why carbon dioxide removal is an essential part of the climate change equation
- [Axios](#): The quest to put carbon to rest at sea
- [IEA](#): The world has vast capacity to store CO₂: Net zero means we'll need it

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