



Climate Engineering Newsletter for Week 21 of 2020



Upcoming Events

- [20.05.2020](#), Pre-ACT webinar #5: CO2 storage case studies, online
- (new) [20.05.2020](#), Webinar: Carbon Capture Leaders Roundtable: Global Perspectives on the Role of CCUS in Building a Clean Energy Future, online
- (new) [26.05.2020](#), Webinar: The Net Zero Teesside project: Advancing carbon capture, utilization and storage (CCUS), online
- [27.05.2020](#), CCIS 2020 Webinar Series: Solar Radiation Management, online
- (new) [27.05.2020](#), Virtual Lunch and Learn Series: PICS: Climate Literacy 101: On a Path to Climate Success, online
- (new) [03.06.2020](#), Virtual Lunch and Learn Series: PICS: Climate Literacy 101: On a Path to Climate Success, online
- [10.06.2020](#), CCIS 2020 Webinar Series: Carbon Dioxide Removal, online
- (new) [10.06.2020](#), Virtual Lunch and Learn Series: PICS: Climate Literacy 101: On a Path to Climate Success, online
- [08.07.2020](#), CCIS 2020 Webinar Series: Observations, Lab and Field Studies, online
- [06.08.2020](#), CCIS 2020 Webinar Series: Impacts for Climate Intervention Strategies, online
- [06.-09.10.2020](#), Conference: Climate Engineering in Context 2020, Berlin / Germany
- [21.-23. 10.2020](#), Workshop: Ecological Impacts of Solar Radiation Management, Port Jefferson, New York / USA
- [28.-30.10. 2020](#), Workshop: Community Climate Intervention Strategies, Boulder, CO / USA
- [02.-05.11.2020](#), Conference: 3rd Conference of the Arabian Journal of Geosciences (CAJG), Sousse / Tunisia
- [06.-13.12.2020](#), IEA Greenhouse Gas R&D Programme 2020 Summer School, Bandung / Indonesia
- [15.-18.03.2021](#), Conference: GHGT-15, Abu Dhabi / United Arab Emirates
- [18.-21.05.2021](#), Conference: 2nd International Conference on Negative CO2 Emissions, Gothenburg / Sweden



Calls & Deadlines

- (new) [29.05.2020](#), Call for Applications: SGRP: Summer Undergraduate Research Fund
- [04.08.2020](#), Call for Applications: PICS Opportunity Projects Program - 2020 Zero-Emission Vehicles Project
- [04.08.2020](#), Call for Applications: PICS Opportunity Projects Program - 2020 Competition



Jobs

- [\(no deadline\)](#), Job: Ph.D. Research Assistantship in climate and agricultural modeling in the Atmospheric Science Graduate Program at Rutgers University
- [\(no deadline\)](#), Job: ClearPath: Policy Analyst (Carbon Capture & Removal)
- [\(no deadline\)](#), Job: Postdoctoral Fellow Position – Global Warming in polar regions in ultra-high-resolution earth system model simulations



Publications

- [Howarth, Candice; et al. 2020](#): “Effectively Communicating Climate Science beyond Academia: Harnessing the Heterogeneity of Climate Knowledge.”
- [Amann, Thorben; et al. 2020](#): “Enhanced Weathering and Related Element Fluxes – a Cropland Mesocosm Approach.”
- [Pozo, C.; et al. 2020](#): “Equity in Allocating Carbon Dioxide Removal Quotas.”
- [Gaffney, F.; et al. 2020](#): “Comparing Negative Emissions and High Renewable Scenarios for the European Power System.”
- [Chen, Yating; et al. 2020](#): “Mitigation of Arctic Permafrost Carbon Loss through Stratospheric Aerosol Geoengineering.”
- [Katz, Eric. 2020](#): “Anthropocentrism and the Anthropocene.”
- [Huynh, Han N., and V. Faye McNeill. 2020](#): “Heterogeneous Chemistry of CaCO₃ Aerosols with HNO₃ and HCl.”
- [Lin, Albert. 2020](#): “Geoengineering: Imperfect yet Perhaps Important Options for Addressing Climate Change.”
- [McNeil, Liam A.; et al. 2020](#): “Dendritic Silver Self-Assembly in Molten-Carbonate Membranes for Efficient Carbon Dioxide Capture.”
- [Hein, Christopher J.; et al. 2020](#): “Millennial-Scale Hydroclimate Control of Tropical Soil Carbon Storage.”



Political Papers

- [Report](#): Global CCS Institute. 2020: “The Value of Carbon Capture and Storage (CCS).”
- [C2G](#): Blog post: Putting the Great Barrier Reef marine cloud brightening experiment into context
- [Bipartisan Policy Center. 2020](#): Investing in Climate Innovation: The Environmental Case for Direct Air Capture of Carbon Dioxide



Projects

- [Project](#): HyNet



Selected Media Responses

- [One Zero](#): What If a Tech CEO Tried to Save the World With Geoengineering? An Excerpt From ‘Veil’
- [Podcast](#): Kleinman Center for Energy Policy: The Challenge of Scaling Negative Emissions
- [inews](#): Societies need to take action to limit climate change - we can't rely on future technology
- [DownToEarth](#): What do science-based targets to limit climate change really look like?
- [Lufthansa Newsroom](#): Flying with sunlight
- [Houston Chronicle](#): We all must work together to make direct air carbon capture affordable, accessible [Opinion]

- [Equinor](#): Northern Lights well completed
- [Phys.org](#): Rising ocean temperatures threaten seagrass meadows and their ability to hold carbon
- [Energy Live News](#): CCS technologies 'must form a key part of developing climate-neutral economies'
- [Handelsblatt](#): Geoengineering: When humans manipulate climate through technology
- [Podcast](#): Resources: Reflecting on Solar Geoengineering, with David Keith
- [World Resources Institute](#): Regenerative Agriculture: Good for Soil Health, but Limited Potential to Mitigate Climate Change

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