



Climate Engineering Newsletter for Week 40 of 2019



Upcoming Events

- [1.10.2019](#), Carbon Removal Network Meet-up, London / UK
- [04.10.2019](#), Lecture: Should Geoengineering Be Part of an Overall Climate Strategy?, Duke University / USA
- [22.-24.10.2019](#), Conference: VERGE 19, Oakland, CA / US
- [04.-05.11.2019](#), Workshop: International Governance of Geoengineering, Brussels / Belgium
- [05.-07.11.2019](#), Annual Meeting: Securing sustainable futures. Designing, planning, and making decisions on policies, practices, and infrastructures under deep uncertainty, Delft / NLD
- [9.-13.12.2019](#), Conference: AGU 100 Fall Meeting, San Francisco CA / US
- [12.-16.01.2020](#), Conference: AMS100 Annual Meeting, Boston / US
- [16.-21.02.2020](#), Conference: Ocean Science Meeting 2020, San Diego, CA / USA
- [12.-15.05.2020](#), Conference: 2nd International Conference on Negative CO2 Emissions, Gothenburg / Sweden
- (new) [27.-28.06.2020](#), Gordon Research Seminar: Physical Processes and Societal Impacts of Radiation Management Approaches to Climate Change, Newry, ME / US
- [28.06.-3.07.2020](#), Gordon Research Conference: Climate Engineering, Newry, ME / US



Calls & Deadlines

- [10.10.2019](#), Call for Papers: Nature as Climate Solution? Exploring the Political Ecologies of Nature-based Carbon Removal (POLLEN 20)
- [31.05.2020](#), Call for Application: Gordon Research Conference: Climate Engineering



Jobs

- [04.10.2019](#), Job at Carbon Capture Coalition
- [02.11.2019](#), Job at Carbon180 as Entrepreneur-in-Residence Fellows
- (no deadline), Job at Carnegie: Postdoctoral Opportunity: Geophysical modeling of ocean engineering proposals
- (no deadline), Jobs at Climeworks: Several job offers
- (no deadline), Job at Princeton: Application for Postdoctoral Research Associate
- (no deadline), Job at TU Delft: Assistant Professor of Geotechnical Uncertainty (Tenure Track)
- (no deadline), Job at ANU: Grand Challenge Research Fellow
- (no deadline), Job at Columbia University: Staff Associate (Officer of Research) – Carbon Management Finance and Policy



Publications

- [Pan, YiWen; et al. \(2019\)](#): A sea trial of air-lift concept artificial upwelling in the East China Sea
- [Hoegh-Guldberg, O.; et al. \(2019\)](#): The ocean is key to achieving climate and societal goals
- [Withey, P.; et al. \(2019\)](#): Quantifying the global warming potential of carbon dioxide emissions from bioenergy with carbon capture and storage
- [Rogelj, J.; et al. \(2019\)](#): A new scenario logic for the Paris Agreement long-term temperature goal
- [Cheng, W.; et al. \(2019\)](#): Soil moisture and other hydrological changes in a stratospheric aerosol geoengineering large ensemble
- [Branch, O.; et al. \(2019\)](#): Deliberate enhancement of rainfall using desert plantations
- [Shindell, D.; et al. \(2019\)](#): Climate and air-quality benefits of a realistic phase-out of fossil fuels
- [MacMartin, Douglas G.; et al. \(2019\)](#): Technical characteristics of a solar geoengineering deployment and implications for governance
- [Anderson, Kevin; Jewell, Jessica \(2019\)](#): Debating the bedrock of climate-change mitigation scenarios
- [Sagues, William J.; et al. \(2019\)](#): Enhanced carbon dioxide removal from coupled direct air capture–bioenergy systems



Political Papers

- [Geden, O.; et al. \(2019\)](#): Climate Neutrality as Long-term Strategy. The EU's Net Zero Target and Its Consequences for Member States
- [Climate Action Network](#): Position on SRM
- [Energy Futures Initiative \(EFI\) \(2019\)](#): Clearing the Air
- [Swiss Federal Office for the Environment](#): Negative emissions technologies
- [Beuttler, Christoph; et al. \(2019\)](#): The Role of Atmospheric Carbon Dioxide Removal in Swiss Climate Policy – Fundamentals and Recommended Actions



Projects

(no new projects)



Selected Media Responses

- [Video](#): Oxford Achieving Net Zero Conference stream
- [Video](#): "Research to Action" Conference Video Recordings of Livestreaming
- [Macleans](#): What Canada's pro-oil boosters fail to grasp about climate change
- [Quartz](#): A stable climate may require a carbon removal industry twice as big as the one for fossil fuels
- [C2G](#): Climate Colonialism and Large-Scale Land Acquisitions
- [EurekaAlert!](#): Rock-solid climate solutions: Negative emissions technology
- [Medium](#): Extreme Weather Has Created a Climate Emergency
- [Die Zeit](#): The only thing left to do is tinker with the climate
- [SHZ](#): With stones against climate change?
- [The Guardian](#): UN hosts drive to suck back carbon and reverse climate change
- [Neue Zürcher Zeitung](#): We led the planet and its stable, mild climate into a new geological epoch: the Anthropocene
- [Reuters](#): FEATURE-Startups strive to recycle emissions for 'new carbon economy'
- [Video](#): New Tools for Climate Repair - An Introduction for Engineers
- [Project Syndicate](#): A Climate Silver Bullet?

- [Nature](#): Einstein in Britain, worlds on the ebb, and a new angle on climate engineering: Books in brief
- [Ökonomenstimme](#): How much CO2 may still enter the atmosphere and how much do we have to remove?
- [Global Climatestrike](#): There Is One Safe Geoengineering Option Guaranteed to Reduce CO2 in Our Atmosphere
- [Futurism](#): Oxford Physicist: Geoeengineering Away Climate Change Won't Work
- [Inequality](#): Scientists Shouldn't Listen to the Fossil Fuel Industry. Geoengineering is a Scam
- [TED Blog](#): Is geoengineering a good idea? A brief Q&A with Kelly Wanser and Tim Flannery
- [Truthout](#): We Cannot Afford to Gamble on Geoengineering to Achieve Net Zero
- [Desmog](#): Are ISO's Draft Guidelines on Climate Action the First Steps Toward Geoengineering?
- [Circular Carbon Network](#): A First Look at the Industry of the Future
- [The Intercept](#): The Environmental Left Is Softening on Carbon-Capture Technology. Maybe That's OK
- [Carbon Brief](#): Guest post: How to avoid 'unfair and risky' climate change scenarios
- [Video](#): Towards a 20 GT Negative CO2 Emissions Industry
- [The Guardian](#): Greta Thunberg: 'We are ignoring natural climate solutions'
- [New York Times](#): How to Cool a Planet With Extraterrestrial Dust
- [Fast Company](#): This 'personal carbon sequestration' device uses algae to remove CO2 from the air
- [C2G](#): Who's deciding your climate future?
- [Global News Wire](#): Carbon Engineering expanding capacity of its commercial Direct Air Capture plant to provide negative emissions to customers
- [GRID-Arendal](#): Whales are a trillion-dollar climate change fix!

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