



## Climate Engineering Newsletter for Week 40 of 2020



### Upcoming Events

- (new) 28.09.2020, C2G Webinar: Catalysing large-scale Carbon Dioxide Removal, online
- 30.09.2020, C2G Webinar: Introduction to the governance of Solar Radiation Modification, online
- (new) 30.09.2020, Event: Stanford Global Energy Dialogues: Atmospheric Carbon Removal at the Gigaton Scale, online
- (new) 30.09.2020, Event: AirMiners Panel: Shopify Carbon Removal Investments, online
- (new) 01.10.2020, Webinar: Bipartisan Policy Center: Tapping into Markets for Farm and Forest Carbon Solutions, online
- (new) 02.10.2020, C2G Webinar: Solar Radiation Modification and the Sustainable Development Goals, online
- 06.10.2020, Event: From Carbon Neutral To Net Zero, online
- (new) 06.10.2020, C2G Campfire Chat: Governance of Direct Air Carbon Dioxide Capture and Storage, online
- (new) 08.10.2020, C2G Webinar: Introduction to the governance of emerging climate-altering approaches, online
- (new) 12.10.2020, Online Lecture: Ocean Alkalinization Enhancement in Combating Climate Change, online
- (new) 12.10.2020, C2G Campfire Chat: Campfire Chat: Large-scale Carbon Dioxide Removal and the Arctic, online
- (new) 13.10.2020, C2G Webinar: Governance of Direct Air Carbon Dioxide Capture and Storage, online
- (new) 16.10.2020, C2G Webinar: Introduction to the governance of large-scale Carbon Dioxide Removal, online
- (new) 20.-29.10.2020, Event: National Academies of Science, Engineering and Medicine: A Research Strategy for Ocean Carbon Dioxide Removal and Sequestration, online
- 21.10.2020, AGU Webinar: Two approaches for mitigating global climate change: Solar radiation management and greenhouse gas emissions reduction, online
- (new) 27.10.2020, C2G Campfire Chat: Solar Radiation Modification and the Arctic, online
- 28.-30.10.2020, Workshop: Community Climate Intervention Strategies, online
- 02.-05.11.2020, Conference: 3rd Conference of the Arabian Journal of Geosciences (CAJG), Sousse / Tunisia
- 07.-11.12.2020, Conference: AGU Fall Meeting 2020, online and San Francisco, CA / USA
- 15.-18.03.2021, Conference: GHGT-15, Abu Dhabi / United Arab Emirates
- 07.-09.04.2021, Meeting: Carbon Dioxide Utilisation: Faraday Discussion, Sheffield / UK
- 18.-21.05.2021, Conference: 2nd International Conference on Negative CO2 Emissions, Gothenburg / Sweden
- 11.-17.07.2021, IEA Greenhouse Gas R&D Programme 2020 Summer School, Bandung / Indonesia
- 01.-12.11.2021, Conference: COP26, Glasgow / UK



## Calls & Deadlines

- [\(new\) 28.09.2020](#), Call for Participation: Local Natural Climate Solutions Survey
- [29.09.2020](#), Call for Comments: Carbon Emissions Tax
- [02.11.2020](#), Call for Abstracts: Siting of Carbon Removal Strategies
- [03.11.2020](#), Call for Abstracts: Scaling-Up Negative Emissions: The Power of Leveraging Policy, Philanthropy, Purchasing and Investment
- [10.11.2020](#), Call for Proposals: ACT3 Call
- [10.11.2020](#), Call for Applications: The Terraforming 2021 Program (Strelka Institute)
- [15.05.2021](#), Call for Submissions: Energies Special Issue "Negative Emissions Technologies: Perspectives from the Social Sciences and Humanities"
- [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

- [\(new\) \(no deadline\)](#), Job: Nori: Supply Account Manager, Agriculture
- [\(new\) \(no deadline\)](#), Job: Nori: Senior Software Engineer
- [08.10.2020](#), Job: Postdoctoral Researcher for the GASCON project
- [09.10.2020](#), Job: PhD position in "Transforming dredged harbor sediment into a CO<sub>2</sub> - absorbing building material" (Royal Netherlands Institute for Sea Research)
- [15.10.2020](#), Job: PhD position Earth System Modelling (1.0 FTE) (Utrecht University)



## Publications

- [Frischmann, Chad Jonathan; et al. \(2020\)](#): Drawdown's 'System of Solutions' Helps to Achieve the SDGs
- [Service, Robert F. \(2020\)](#): The Carbon Vault
- [Cook-Patton, Susan C.; et al. \(2020\)](#): Mapping carbon accumulation potential from global natural forest regrowth
- [Watson, Andrew J.; et al. \(2020\)](#): Revised estimates of ocean-atmosphere CO<sub>2</sub> flux are consistent with ocean carbon inventory
- [Sawall, Yvonne; et al. \(2020\)](#): Discrete Pulses of Cooler Deep Water Can Decelerate Coral Bleaching During Thermal Stress: Implications for Artificial Upwelling During Heat Stress Events
- [Corbett, Charles R. \(2020\)](#): "Extraordinary" and "Highly Controversial": Federal Research of Solar Geoengineering Under NEPA
- [Domke, Grant M.; et al. \(2020\)](#): Tree planting has the potential to increase carbon sequestration capacity of forests in the United States.



## Political Papers

- [Friedmann, S. Julio; et al. \(2020\)](#): Net-Zero and Geospheric Return: Actions Today for 2030 and Beyond
- [IRENA \(2020\)](#): Reaching zero with renewables: Eliminating CO<sub>2</sub> emissions from industry and transport in line with the 1.5°C climate goal
- [Data-Driven EnviroLab & NewClimate Institute \(2020\)](#): Accelerating Net Zero: Exploring Cities, Regions, and Companies' Pledges to Decarbonise
- [Kachi, Aki; et al. \(2020\)](#): Climate neutrality claims. How to distinguish between climate leadership and greenwashing



## Projects

(no new projects)



## Selected Media Responses

- [Bloomberg](#): Risky Climate: China's Carbon Neutrality Goal is Good Policy and Good Politics
- [Berliner Zeitung](#): Seven measures for climate protection (German)
- [HuffPost](#): The Soil Revolution That Could Save Farming And The Climate
- [Medium](#): Climate Intervention Research May be Critical to a More Just and Safe Society
- [World Resources Institute](#): INSIDER: Further Explanation on the Potential Contribution of Soil Carbon Sequestration on Working Agricultural Lands to Climate Change Mitigation
- [University of Delaware Daily](#): Advancing Carbon Dioxide Catalysis: Engineering professor receives major Department of Energy grants
- [Forbes](#): The Future Is Now: This Start-Up Offers Carbon-Free Shopping
- [Tech Crunch](#): Nori is pitching carbon trading ... on the blockchain!
- [Nikkei Asian Review](#): US startup's carbon capture concrete wins Mitsubishi's backing
- [Boston Consulting Group](#): Think Small to Unlock Carbon Capture's Big Potential
- [Energy Factor](#): Scrub and Remove: Capturing Carbon Straight Out of the Air
- [Video](#): Institute for Carbon Removal Law & Policy: ICRLP Webinar Explainer Series Provides A Deeper Understanding on Many Issues Surrounding Carbon Dioxide Removal
- [electrek](#): Norway funds world's first full-scale carbon capture and storage project
- [Second Annual Global Climate Restoration Forum](#): Session Recordings
- [USC Dornsife](#): USC Dornsife's Public Exchange and UN Foundation partner on climate change study
- [Maritime Executive](#): Who Governs Climate Intervention and Geoengineering on the High Seas?
- [Karma](#): U.K. May Become Carbon-Negative in Electricity Sector by 2033
- [Morgan Stanley](#): Morgan Stanley Announces Commitment to Reach Net-Zero Financed Emissions by 2050
- [Bloomberg](#): Wildfires Prove We Got Climate Risks All Wrong
- [UPenn Almanac](#): Jennifer Wilcox: Presidential Distinguished Professor of Chemical Engineering and Energy Policy
- [The Economist](#): Investing in Carbon Removal: Demystifying Existing Approaches

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