



## Climate Engineering Newsletter for Week 02 of 2021



### Upcoming Events

- 11.01.2021, Webinar: LIVE Carbon Capture Q&A, online
- 14.01.2021, Webinar: Green Carbon Webinar Series: Turning black: state of the art and future perspective on biochar based polymer composites, online
- 19.01.2021, Workshop: A Research Strategy for Ocean Carbon Dioxide Removal and Sequestration: Workshop Series, Part 1, online
- (new) 20.01.2021, Webinar: High-level analysis of the integration of WtE with CCS/CCU, online
- (new) 26.01.2021, Webinar: IEAGHG Monitoring Network Webinar: Monitoring Expertise Showcase & Discussion, online
- 27.01.2021, Workshop: A Research Strategy for Ocean Carbon Dioxide Removal and Sequestration: Workshop Series, Part 2, online
- 02.02.2021, Workshop: A Research Strategy for Ocean Carbon Dioxide Removal and Sequestration: Workshop Series, Part 3, online
- 25.02.2021, Workshop: A Research Strategy for Ocean Carbon Dioxide Removal and Sequestration: Workshop Series, Part 4, online
- 15.-18.03.2021, Conference: GHGT-15, online
- 15.-18.03.2021, Event: The Economist: Climate Risk Summit: North America 2021, New York / USA
- 07.-09.04.2021, Meeting: Carbon Dioxide Utilisation: Faraday Discussion, online
- 18.-20.05.2021, Event: OCEANVISIONS 2021 Summit: Towards a Global Ecosystem for Ocean Solutions, online and San Diego / USA
- 21.-23.06.2021, Conference: Trondheim CCS Conference (TCCS-11), Trondheim / Norway
- 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
- 01.-12.11.2021, Conference: COP26, Glasgow / UK



### Calls & Deadlines

- 19.01.2021, Call for Submissions: Security Politics, Risk and Climate Geoengineering
- (new) 27.01.2021, Call for Applications: Carbon to Value (C2V) Initiative
- 29.01.2021, Call for Applications: Harvard Fellowship Program: 2021 SGRP Fellows
- 30.01.2021, Call for Applications: On Deck Climate Tech Fellowship
- 31.01.2021, PhD Opportunity: PhD position Tropical Cyclone Modelling (1.0 FTE)
- 05.02.2021, Call for Submissions: SBRI Greenhouse Gas Removals Innovation Competition - Phase 1 [Design Study]
- 26.02.2021, Call for Evidence: Greenhouse gas removals
- (new) 05.03.2021, Call for Proposals: Net Zero Research: 2021 Target Call
- 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

- [\(new\) 25.01.2021](#), Job: Ocean Visions Communications Director
- [\(new\) \(no deadline\)](#), Job: Industrial Policy Specialist, Climate
- [\(new\) \(no deadline\)](#), Job: CCUS Strategic Business Leader (Battelle)
- [\(no deadline\)](#), Job: Rutgers University: Postdoctoral Associate in Modeling the Agricultural Response to Climate Intervention



## Publications

- [Bingaman, Don C.; et al. \(2021\)](#): Stratospheric Aerosol Research Experiments and Aircraft for Solar Geoengineering
- [Tipper, Edward T.; et al. \(2021\)](#): Global silicate weathering flux overestimated because of sediment–water cation exchange
- [Tan, Raymond R.; Aviso, Kathleen B. \(2021\)](#): On life-cycle sustainability optimization of enhanced weathering systems
- [Garcia-Garcia, Guillermo; et al. \(2020\)](#): Analytical Review of Life-Cycle Environmental Impacts of Carbon Capture and Utilization Technologies
- [Reiner, David M.; et al. \(2021\)](#): Europe's 'green deal' and carbon dioxide removal



## Political Papers

- [FutureMetrics Analysis \(2020\)](#): Using Biomass Carbon Capture and Sequestration to achieve NEGATIVE carbon emissions



## Projects

- [Project](#): ANZ Biochar Industry Group (ANZBIG)
- [Project](#): DAC City
- [Project](#): OpenAir
- [Project](#): LECCwork



## Selected Media Responses

- [FuelCellsWorks](#): Friday Fallback Story: Planetary Hydrogen Announces Plans for First Sale of Carbon Removal to Shopify
- [Met Office](#): Mauna Loa carbon dioxide forecast for 2021
- [Gasworld](#): Aker Solutions awarded contract for Brevik carbon capture project
- [World Resources Institute](#): Direct Air Capture: Resource Considerations and Costs for Carbon Removal
- [E&E News](#): Mining the sky for CO2 with metal trees, towers and pumps
- [CNN](#): This company is making building tiles out of polluted air
- [The Washington Post](#): Researchers unveil new method for converting carbon dioxide into jet fuel
- [insider.co.uk](#): Scottish net zero project to share £8 million UK Government funding
- [Environment Journal](#): New carbon capture technology can provide a cheap and efficient alternative
- [Gasworld](#): Aker Solutions awarded contract for Brevik carbon capture project
- [Biomass Magazine](#): FutureMetrics: BECCS can achieve negative carbon

emissions

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