



Climate Engineering Newsletter for Week 38 of 2020



Upcoming Events

- [14.09.2020](#), C2G Campfire Chat: Introduction to the governance of emerging climate-altering approaches, online
- [15.-18.09.2020](#), Event: Second Annual Global Climate Restoration Forum, online
- **(new)** [15.09.2020](#), Event: CEM CCUS Initiative: Key Financing Principles for CCUS, online
- [16.09.2020](#), C2G Webinar: Introduction to the governance of large-scale Carbon Dioxide Removal, online
- [18.09.2020](#), C2G Webinar: Large-scale Carbon Dioxide Removal: Gaps in governance, online
- [20.09.2020](#), Event: HCI Webinar Series: The Need for Carbon Dioxide Removal, online
- **(new)** [21.09.2020](#), Event: Drawdown 2020 - Climate Week Event, online
- **(new)** [21.09.2020](#), Webinar: IPIECA: Carbon capture and storage: a history and outlook, online
- [22.09.2020](#), Webinar: PICS: The Next Frontier: Negative Emissions Technologies' Contribution to Climate Solutions, online
- [21.10.2020](#), AGU Webinar: Two approaches for mitigating global climate change: Solar radiation management and greenhouse gas emissions reduction, 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

- [19.09.2020](#), Call for Submissions: Scenario Submission Portal for IPCC AR6 WGIII
- [23.09.2020](#), Call for Proposals: Direct Air Capture to Fuel (ClimateWorks Foundation)
- [29.09.2020](#), Call for Comments: Carbon Emissions Tax
- [10.11.2020](#), Call for Proposals: ACT3 Call
- **(new)** [10.11.2020](#), Call for Applications: The Terraforming 2021 Program (Strelka Institute)

- [\(new\) 15.05.2021](#), Call for Submissions: Energies Special Issue "Negative Emissions Technologies: Perspectives from the Social Sciences and Humanities"



Jobs

- [15.09.2020](#), Job: Project Drawdown Research Fellowship Program
- [17.09.2020](#), Job: Heriot-Watt University: Research Associate (IMPEE - Research Centre for Carbon Solutions)
- [\(new\) 09.10.2020](#), Job: PhD position in "Transforming dredged harbor sediment into a CO₂ - absorbing building material" (Royal Netherlands Institute for Sea Research)
- [\(no deadline\)](#), Job: Climate Resilience Analyst in the Energy Systems and Climate Analysis Group at EPRI
- [\(no deadline\)](#), Job: Innovation Fellowship: Negative Emissions Technologies
- [\(no deadline\)](#), Job: Postdoctoral Opportunity: Identifying and evaluating innovation opportunities for a net-zero emission energy system (Carnegie Science, Department of Global Ecology)



Publications

- [Brienen, R. J. W.; et al. \(2020\)](#): Forest carbon sink neutralized by pervasive growth-lifespan trade-offs
- [Buck, Holly; et al. \(2020\)](#): Pandemic politics—lessons for solar geoengineering
- [Melara, A. Jasmin; et al. \(2020\)](#): Is aquatic bioenergy with carbon capture and storage a sustainable negative emission technology? Insights from a spatially explicit environmental life-cycle assessment.
- [Morton, Ewan V. \(2020\)](#): Reframing the Climate Change Problem: Evaluating the Political, Technological, and Ethical Management of Carbon Dioxide Emissions in the United States
- [Brack, Duncan; King, Richard \(2020\)](#): Managing Land-based CDR: BECCS, Forests and Carbon Sequestration
- [Rickels, Wilfried; et al. \(2020\)](#): The Future of (Negative) Emissions Trading in the European Union
- [Digdaya, Ibadillah A.; et al. \(2020\)](#): A direct coupled electrochemical system for capture and conversion of CO₂ from oceanwater



Political Papers

- [World Meteorological Organization et al. \(2020\)](#): United in Science 2020
- [IEAGHG Information Paper \(2020\)](#): Artificial Intelligence and CCS
- [IEAGHG Information Paper \(2020\)](#): CCUS in the EU Recovery Plan
- [IEAGHG Information Paper \(2020\)](#): DOE report on Petra Nova
- [IEAGHG Technical Report \(2020\)](#): Review of Constructability and Operational Challenges faced by CCUS Projects
- [IEAGHG Technical Report \(2020\)](#): Understanding the Cost of Reducing Water Usage in Coal and Gas Fired Power Plants with CCS
- [Morrow, David \(2020\)](#): Integrated Assessment Modeling of Carbon Removal at ICRLP



Projects

- [Project](#): Biogals



Selected Media Responses

- [Phys.org](#): \$500 billion question: What's the value of studying the ocean's biological carbon pump?
- [The Vatican](#): Message of His Holiness Pope Francis for the World Day of Prayer for the Care of Creation
- [Podcast](#): Shaping the Future (Cambridge Climate Lecture Series): Uni. Of Cambridge's Hugh Hunt On Geoengineering The Arctic: 'crazy ideas have potential'
- [The Sydney Morning Herald](#): Government to fund gas and carbon storage via clean energy programs
- [Green Car Congress](#): Audi partnering with Climeworks on CO2 direct air capture and storage
- [Energy Voice](#): Europe could see \$35bn in CCS spending till 2035, with UK dominating
- [Video](#): IEAGHG: Value of Emerging and Enabling Technologies in Reducing Costs, Risks & Timescales for CCS
- [Fast Company](#): The next corporate sustainability goal: Capturing all of the CO2 a company has ever emitted
- [ARPA-E](#): ARPA-E announces \$16.5 million for technologies supporting the biofuels supply chain
- [Podcast](#): Nori: How many jobs will a direct air capture industry create?—w/ John Larsen of Rhodium Group
- [Energy.gov](#): Department of Energy Invests \$72 Million in Carbon Capture Technologies
- [Video](#): Strelka Institute: The Terraforming 2021. New Program Presentation
- [C2G Guest Post](#): Land-based Carbon Dioxide Removal: as urgent and as difficult a policy challenge as ever
- [EU Press Release](#): EU Climate law: Laying down the path to achieve climate neutrality by 2050
- [The Narwhal](#): Meet the Canadian farmers fighting climate change
- [New Scientist](#): Silicon Valley billionaires want to geoengineer the world's oceans

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