



Dear Climate Engineering Group,

please find below our weekly climate engineering news review. You can find daily updated climate engineering news on our news portal [www.climate-engineering.eu/news.html](http://www.climate-engineering.eu/news.html).

*After the break we are back with a news review covering the last three weeks.*

Thank you

The Climate Engineering Editors

## Climate Engineering News Review for Weeks 14, 15, and 16 of 2016

### Upcoming Events and Deadlines

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- [17.04.2016](#), Conference: EGU General Assembly
- (new) [20.04.2016](#), Lecture: Earth's Changing Sea Ice Coverage and Its Connections with Broader Climate Change and Geoengineering, College Park, MD/USA
- (new) [26.04.2016](#), Online Seminar: Stephen Gardiner - Why Geoengineering is Not "Plan B"
- (new) [28.04.2016](#), Workshop: Greenhouse gas removal from the atmosphere, London/UK
- [06.-08.06.2016](#), Workshop: Volcanic Impacts on Climate and Society, Palisades, NY/USA
- (no deadline) [Job](#): Research Director, Geoengineering

### New Publications

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- [Reynolds, Jesse; et al. \(2016\)](#): Solar Climate Engineering and Intellectual Property. Toward a Research Commons. (forthcoming)
- [Kärcher, B. \(2016\)](#): The importance of contrail ice formation for mitigating the climate impact of aviation
- [Moreira, Diana; Pires, José C.M. \(2016\)](#): Atmospheric CO<sub>2</sub> capture by algae. Negative carbon dioxide emission path
- [Hubbard, Matthew \(2016\)](#): Barometer Rising: The Cartagena Protocol on Biosafety as a Model For Holistic International Regulation of Ocean Fertilization Projects and Other Forms of Geoengineering
- [Modak, Angshuman; et al. \(2016\)](#): Why must a solar forcing be larger than a CO<sub>2</sub> forcing to cause the same global mean surface temperature change?
- [Böttcher, Miranda; et al. \(2016\)](#): Solar Radiation Management: Foresight for Governance
- [Katz, Eric; Hargrove, Eugene C. \(2015\)](#): Geoengineering, Restoration, and the Construction of Nature
- [Paustian, Keith; et al. \(2016\)](#): Climate-smart soils
- [Xia, Y.; Hu, Y.; Huang, Y. \(2016\)](#): Strong modification of stratospheric ozone forcing by cloud and sea ice adjustments

- [Heffernan, Olive \(2016\)](#): News feature. Climate research is gaining ground
- [Dorr, Adam \(2016\)](#): Technological change and climate scenarios
- [Heyward, Clare \(2015\)](#): Is There Anything New Under the Sun?
- [McCormack, Caitlin G.; et al. \(2016\)](#): Key impacts of climate engineering on biodiversity and ecosystems, with priorities for future research
- [McCormack, Caitlin G.; et al. \(2016\)](#): Key impacts of climate engineering on biodiversity and ecosystems, with priorities for future research
- [Sanchez, Daniel L.; Callaway, Duncan S. \(2016\)](#): Optimal scale of carbon-negative energy facilities
- [Rödger, Jan-Markus; et al. \(2016\)](#): Live cycle assessment: biochar as a greenhouse gas sink?
- [Sütterlin, Bernadette; Siegrist, Michael \(2016\)](#): Public perception of solar radiation management. The impact of information and evoked affect
- [Nagel, J. \(2016\)](#): Gender and climate change. Impacts, science, policy

### Selected Media Responses

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- [Eureka Street](#): Sulphur sunshade is a stupid pollution solution
- [FCEA Blog](#): Non-ideal theory and climate engineering
- [Center for Carbon Removal](#): Expert Dialogue: Should we be pursuing strategies to remove non-CO2 greenhouse gases from the air?
- [JLL International](#): The Costs of Geoengineering in Manipulating Climate Change in the Unforeseen Future
- [Geoengineering Monitor](#): Vultures are circling after Paris agreement: the carbon dioxide removal sector wants more funding
- [Carbon Brief](#): In-depth: Experts assess the feasibility of 'negative emissions'
- [LinkedIn](#): Carbon Capture Innovation at the Right Scale
- [DN](#): Playing with extreme measures (Norwegian)
- [Carbon Brief](#): 10 options for negative emissions technologies
- [Climate Central](#): Farmland Could Play Key Role in Tackling Climate Change
- [Chemical & Engineering News](#): Regenerating degraded dirt
- [Modern Farmer](#): Carbon Farming: Hope for a Hot Planet
- [New York Times](#): Global Warming Gives Science Behind Nuclear Winter a New Purpose
- [Counter Punch](#): Condemning Our Grandchildren to a Real-life Video Game
- [New Scientist](#): Pilot plant to turn CO2 into house parts and paving stones
- [GreenBiz](#): How to build a billion-dollar industry to fight climate change
- [Chinadialogue](#): World would likely need geoengineering to meet Paris targets, but what are the risks?
- [The Conversation](#): How exploring Mars could help us fight climate change on Earth
- [The Atlantic](#): What's the Answer to Climate Change?
- [PSmag](#): The Ethics of Geoengineering: An Interview With Oliver Morton
- [NyTeknik](#): Scientists warn of risks of geoengineering (Swedish)

- [Ecology](#): How 'Natural Geoengineering' Can Help Slow Global Warming
- [ASU](#): David Keith on Solar Geoengineering
- [Patterns of Meaning Blog](#): False Solutions? 3 Ways To Evaluate Grand Climate Proposals
- [New York Times](#): Oxford's Halley Professor on How the Climate Challenge Could Derail a Brilliant Human Destiny
- [Huffington Post](#): Carbon Sinks Are The Next Big Thing

### Political Papers

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- [Center for Carbon Removal \(2016\)](#): Philanthropy Beyond Carbon Neutrality. How near-term grants to carbon removal can make long-term climate goals a reality
- [Center for Climate Science and Policy Research \(2016\)](#): Policy brief on climate engineering

### Projects

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- [ARPA-E](#): Rhizosphere Observations Optimizing Terrestrial Sequestration (ROOTS)

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