Inhabitant: Risky geoengineering research deemed safe, blocked by US

"Geoengineering is a term used for a collection of technologies to artificially alter the earth’s climate. Other climate engineering technologies include ocean fertilization, carbon dioxide removal, marine cloud brightening, cirrus cloud thinning and ground-based albedo modification. These strategies are incredibly controversial both because of the unprecedented and unknown risks at a global scale, but also for ethical reasons of how humans should intervene in the earth’s climate."

LINK

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Taz: "Risky interventions cause concerns" (German)

German article on CE

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Trends der Zukunft: New Havard study: How dangerous is geoengineering really? (German)

German article on CE
25.03.2019

# Calls & events

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Newsletter of Week 13 of 2019

The newsletter of calendar week 13 in 2019 is now available here.

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Siliconrepublic: Biggest oil nations killed UN resolution to investigate geoengineering

"Fearing damage to their economies, the biggest oil nations in the world blocked plans that would have investigated their geoengineering plans."

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The Science Times: Solar Geoengineering To Stop Global Warming

"Harvard scientists believe that the only way to put a curb on the effects of global warming is to keep the sun's heat from entering the Earth. How do you do this? The process of solar geotechnics, as well as solar geoengineering, will help keep the Earth cooler as scientists look for more ways to help save it."

Read more » The Science Times: Solar Geoengineering To Stop Global Warming

Earther: The U.S. Wants to Keep the UN in the Dark About Geoengineering Efforts

"In the pantheon of climate change solutions, some are more fraught than others. Reducing carbon emissions? Not so risky. Blocking the sun or banking on sucking carbon out of the air? Pretty dicey."

Read more » Earther: The U.S. Wants to Keep the UN in the Dark About Geoengineering Efforts
Viglizzo, E. F.; et al. (2019): Reassessing the role of grazing lands in carbon-balance estimations. Meta-analysis and review

"Assuming a steady state between carbon (C) gains and losses, greenhouse gases (GHG) inventories that follow a widely used simplified procedure (IPCC Tier 1) tend to underestimate the capacity of soils in grazing-land to sequester C. In this study we compared the C balance reported by (i) national inventories that followed the simplified method (Tier 1) of IPCC (1996/2006), with (ii) an alternative estimation derived from the meta-analysis of science-based, peer-reviewed data."
"Silicon Valley startup accelerator Y Combinator has thrust carbon removal startups into the spotlight, amid growing concerns over climate change. **Why it matters:** Venture capital's natural appetite for funding moonshots could make it a positive force — if it overcome disappointments from last decade's failed cleantech investments."

[LINK](Read more » Axios: Carbon removal tech is having a moment)
Carbon Engineering: Carbon Engineering concludes USD$68 million private investment round and proceeds with commercialization of carbon dioxide removal technology

"Carbon Engineering Ltd. (CE), a Canadian clean energy company, today announced the completion of an equity financing round of USD$68 million, marking the largest private investment made into a Direct Air Capture (DAC) company to date. With multiple investors now on board, this financing highlights the significant commercial interest in DAC, particularly from the global energy and private investment sectors."

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