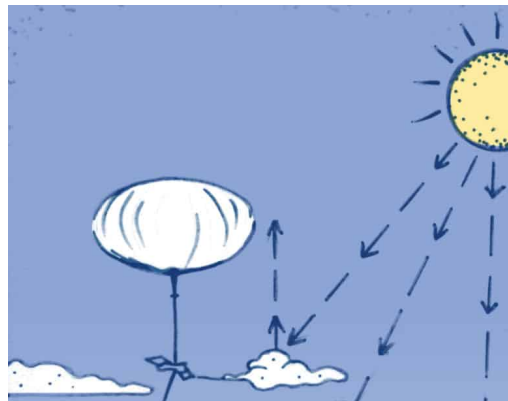


Media Advisory: New fact sheets reveal status of geoengineering technology development

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As climate geoengineering – the hypothetical, intentional manipulation of Earth systems to counteract some of the symptoms of climate change – is entering the mainstream climate discourse, more and more headlines are claiming that sulphur particles in the stratosphere or massive dumps of iron in the ocean “will save the world from climate change.”

To help navigate fact and fiction on geoengineering, today Geoengineering Monitor, a civil society information hub run by ETC Group, Heinrich Böll Foundation and Biofuelwatch, has released fourteen fact sheets that give up-to-date information on the status, key players, and potential impacts of some of most prominent geoengineering technologies:

- [Stratospheric Aerosol Injection](#)
- [Carbon Capture and Storage](#)
- [Carbon Capture, Use and Storage](#)
- [Bioenergy with Carbon Capture & Storage](#)
- [Direct Air Capture](#)
- [Surface Albedo Modification](#)
- [Ocean Fertilization](#)
- [Marine Cloud Brightening](#)
- [Enhanced Weathering](#)
- [Photosynthesis Enhancement](#)
- [Artificial Upwelling](#)
- [Cirrus Cloud Thinning](#)
- [Microbubbles](#)
- [Biochar](#)

The carefully-researched fact sheets reveal:

1. All geoengineering technologies are hypothetical – none are ready to deploy and there is uncertainty about whether they would work.
2. To work, each geoengineering technology would need to be deployed at a massive scale, with extremely significant environmental, economic and social impacts.
3. Each geoengineering technology carries significant negative environmental and social impacts.

As the Intergovernmental Panel on Climate Change gears up to release its Special Report on 1.5C global warming later this year and North American geoengineers start to make moves to test their technologies in real-world experiments these fact sheets serve as up-to-date information and critical analysis of geoengineering technologies

to navigating the hype.

The fact sheets can be found here <https://www.geoengineeringmonitor.org/cat/briefings-and-factsheets/>

For more information, experts from ETC Group, Heinrich Böll Foundation and Biofuelwatch are available to answer questions. Please reach out to contact@geoengineeringmonitor.org.

The Geoengineering Monitor Team has also released three briefings about the proposed geoengineering experiments in [Tucson, Arizona](#); [Moss Landing, California](#); and in [the Arctic](#).

Geoengineering Monitor is a civil society led critical resource on geoengineering. You can sign up for the quarterly newsletter [here](#).