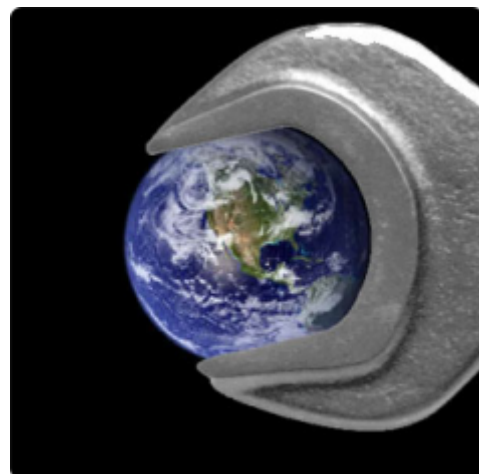




Climate & Geoengineering

Geoengineering is the intentional, large-scale technological manipulation of the Earth's systems, often discussed as a techno-fix for combating climate change. Climate geoengineering technologies can be divided into three broad areas: so-called solar radiation management (reflecting sunlight to space), greenhouse gas removal and sequestration and weather modification.

Geoengineering can refer to a wide range of techniques, including: blasting sulphate particles into the stratosphere or 'whitening' clouds to reflect the sun's rays; dumping iron particles in the oceans to nurture CO₂-absorbing plankton; firing silver iodide into clouds to produce rain or genetically engineering crops so their foliage can better reflect sunlight.



ETC Group opposes geoengineering and other false solutions to climate change (e.g., proprietary, genetically-engineered 'climate-ready' crops) and supports peasant-led agroecological responses to the climate crisis.

KEY DOCUMENTS

[Geopiracy: The Case Against Geoengineering \(/content/geopiracy-case-against-geoengineering\)](#)

ETC'S VIEW

[ETC Group calls for a ban on all testing or deployment of geoengineering technologies and supports a move away from intensive agriculture towards strengthening of agroecological and peasant-led agricultural systems. \(/content/etc-group-calls-ban-all-testing-or-deployment-geoengineering-technologies-and-supports-move\)](#)

ACTION POINTS

[Join the HOME \(Hands Off Mother Earth\) campaign. \(/content/join-home-hands-mother-earth-campaign\)](#)

RECENT CONTENT RELATED TO CLIMATE & GEOENGINEERING

[UN Convention still says “No” to manipulating the climate \(/content/un-convention-still-says-no-manipulating-climate\)](#)

UN Convention on Biological Diversity reaffirms its moratorium on climate-related geoengineering



[\(/content/un-convention-still-says-no-manipulating-climate\)](#)

16 December 2016

CANCUN, MEXICO – The UN Convention on Biological Diversity (CBD), which gathered at its 13th Conference of the Parties (COP 13) in Mexico from December 4-17, [decided to reaffirm its landmark moratorium \(https://www.cbd.int/doc/meetings/cop/cop-13/in-session/cop-13-l-04-en.pdf\)](#) on climate-related geoengineering that it first agreed to in 2010.

[Geoengineering at COP 13 - Convention on Biological Diversity \(/content/geoengineering-cop-13-convention-biological-diversity\)](#)

04 December 2016

Briefing
for
Govern
ment
Delega
tes

Key
points:

• CBD
Decision
X/33, 8

(w) on geoengineering remains valid and should be affirmed and strengthened.



[\(/content/geoengineering-cop-13-convention-biological-diversity\)](#)

- The potential impacts of geoengineering on biodiversity have been scarcely studied. Studies and policy recommendations on the impacts on biodiversity and associated livelihoods caused by any geoengineering intervention are, and should remain, under the mandate of CBD and its bodies.
- New research papers continue to demonstrate high risks and uncertainties associated with the full range of geoengineering proposals.

[ETC Group Activities at World Social Forum 2016! \(/content/etc-group-activities-world-social-forum-2016\)](#)

Submitted on 05 August 2016

Where to find us and what we'll be up to at the World Social Forum in Montreal, QC, from August 9-14, 2016.

Date:

Tuesday, August 9, 2016 (All day) to Sunday, August 14, 2016 (All day)



[\(/content/etc-group-activities-world-social-forum-2016\)](#)

[Webinar: Outsmarting Nature? \(/webinar/outsmarting%20nature\)](#)

13 July 2016

Available to watch on [Synbiowatch.org](#)

What's the role of synthetic biology in our food system and how does it relate to "climate-smart" agriculture? What are the costs and risks?

Available to watch at

<http://www.synbiowatch.org/2016/07/outsmarting-nature-webinar/>
[\(http://www.synbiowatch.org/2016/07/outsmarting-nature-webinar/\)](http://www.synbiowatch.org/2016/07/outsmarting-nature-webinar/)



[\(/webinar/outsmarting%20nature\)](#)

[No to 1.5°C with geoengineering! \(/content/no-15degc-geoengineering\)](#)

Sign-on letter

11 December 2015

Paris, 11 December 2015

Seemingly out of the blue (or rather, out of the black smog of the UNFCCC process), some of the largest historical culprits for climate change, countries including the United States, Canada and the European Union, have decided to back an "ambitious goal" of limiting global temperature rise to 1.5°C. To achieve this, radical emissions cuts would be needed from now, but in the case of these countries, that's not their real intention.



[\(/content/no-15degc-geoengineering\)](/content/no-15degc-geoengineering)

- [Report Release: Extreme Biotech meets Extreme Energy \(/content/report-release-extreme-biotech-meets-extreme-energy\)](/content/report-release-extreme-biotech-meets-extreme-energy)
- [Extreme Biotech meets Extreme Energy \(/content/extreme-biotech-meets-extreme-energy\)](/content/extreme-biotech-meets-extreme-energy)
- [Chegou a hora de icar a bandeira branca para o fracasso de um remendo tecnológico? \(/content/chegou-hora-de-icar-bandeira-branca-para-o-fracasso-de-um-remendo-tecnologico\)](/content/chegou-hora-de-icar-bandeira-branca-para-o-fracasso-de-um-remendo-tecnologico)
- [Time to Wave the White Flag for a Failed Techno-Fix? \(/content/time-wave-white-flag-failed-techno-fix\)](/content/time-wave-white-flag-failed-techno-fix)
- [The Paris Climate-Change Spectacular \(/content/paris-climate-change-spectacular\)](/content/paris-climate-change-spectacular)
- [Old Faith vs. Old Fossils \(/content/old-faith-vs-old-fossils\)](/content/old-faith-vs-old-fossils)
- [Monsanto/Syngenta: From Gene Giants to Agribehemoths \(/content/monsantosyngenta-gene-giants-agribehemoths\)](/content/monsantosyngenta-gene-giants-agribehemoths)
- [Plan B? What Happened to Plan A? \(/content/plan-b-what-happened-plan\)](/content/plan-b-what-happened-plan)
- [Announcing the Launch of GeoengineeringMonitor.org \(/content/announcing-launch-geoengineeringmonitororg\)](/content/announcing-launch-geoengineeringmonitororg)
- [Uncivil Debate \(/content/uncivil-debate-responding-andy-parker-iass-potsdam\)](/content/uncivil-debate-responding-andy-parker-iass-potsdam)
- [Will Unicorns Save us from Climate Change? \(BECCS won't.\) \(/content/will-unicorns-save-us-climate-change-beccs-wont\)](/content/will-unicorns-save-us-climate-change-beccs-wont)
- [IPCC and Geoengineering: the bitter pill is also a poison pill \(/content/ipcc-and-geoengineering-bitter-pill-also-poison-pill\)](/content/ipcc-and-geoengineering-bitter-pill-also-poison-pill)
- [UN Delegates Dodge Geoengineering Bullet Point \(/content/un-delegates-dodge-geoengineering-bullet-point\)](/content/un-delegates-dodge-geoengineering-bullet-point)
- [That Was The Year – Unlucky 13 \(/content/was-year-%E2%80%93-unlucky-13\)](/content/was-year-%E2%80%93-unlucky-13)
- [News Release: Concern as IPCC Bangs the Drum for Geoengineering \(/content/news-release-concern-ipcc-bangs-drum-geoengineering\)](/content/news-release-concern-ipcc-bangs-drum-geoengineering)

[see all \(/issue/10\)](/issue/10)

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