A Hard Look at the Perils and Potential of Geoengineering

The Asilomar conference on geoengineering had been touted as a potentially historic event. What emerged, however, were some unexpected lessons about the possibilities and pitfalls of manipulating the Earth’s climate to offset global warming.

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Economics of Climate Change’


"Economic analyses of environmental mitigation and other interdisciplinary public policy issues can be much more useful if they critically examine what other disciplines have to say, insist on using the most relevant observational data and the scientific method, and examine lower cost alternatives to the change proposed. These general principles are illustrated by applying them to the case of climate change mitigation, one of the most interdisciplinary of public policy issues. [...] The risk of catastrophic anthropogenic global warming appears to be so low that it is not currently worth doing anything to try to control it, including geoengineering."

Goes, M., Keller, K., and Tuana, N. (2011), ‘The economics (or lack thereof) of aerosol geoengineering’


"Anthropogenic greenhouse gas emissions are changing the Earth’s climate and impose substantial risks for current and future generations. What are scientifically sound, economically viable, and ethically defendable strategies to manage these climate risks? Ratified international agreements call for a reduction of greenhouse gas emissions to avoid dangerous anthropogenic interference with the climate system."
Recent proposals, however, call for a different approach: to geoengineer climate by injecting aerosol precursors into the stratosphere. [...]"


"In this article, I argue that fear of unilateralism is largely misplaced, grounded more in unexamined policy assumptions than in reasoned analysis of the strategic situation faced by states. I will present this argument in five parts. First, I will document the widespread notion that unilateral geoengineering poses a genuine threat to the international order. Second, I will closely examine the interests and constraints that are likely
to confront states contemplating intervention in the climate system. Third, I will demonstrate that international dynamics are more likely to create pressures leading to cooperation than to foster tendencies toward unilateralism. Fourth, I will consider different mechanisms for encouraging collaboration on climate intervention strategies. Finally, I will consider the implications of this argument for future discussions of geoengineering.

Lane, Lee (2011): U.S. National Interest, Climate Engineering, and International Law


Short report on the U.S. potential interest in CE.
REPORT: The Implications Of Geo-Engineering Schemes for New Zealand Conference 2011

Short report with links about a workshop on CE located in New Zealand. It used the 1000minds tool.

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‘Die Welt will noch kein Geoengineering’
Schwefelimpfungen für die Atmosphäre, Eisendünger für die Meere und gigantische Spiegel für die Erdumlaufbahn: In Nagoya haben die UN-Länder ein Moratorium für umstrittene Geoengineering-Experimente beschlossen. Für Umweltschützer ein "Meilenstein".

10.03.2011

# Political Papers

0 Comments

Geopiracy - The Case Against Geoengineering

A critical political report by the ETC group on Climate Engineering.

Link (Direct Download)


Flow chart of arguments in the discours on Climate Engineering.

Hester, Tracy (2011): Remaking the World to Save it

Paper on legal regulation according to U.S. laws.

Link

Read more » Hester, Tracy (2011): Remaking the World to Save it