Further reading recommended by speakers from the webinar:

"A briefing and discussion on solar geoengineering: science, ethics and governance"

Hosted by the Forum on Climate Engineering Assessment (FCEA) and the Carnegie Climate Geoengineering Governance Initiative (C2G2) on 16th May 2017

Webcast video recording, transcript and slides available at: www.c2g2.net

Solar Geoengineering Science

Current status of emissions, CDR, and analysis of various overshoot scenarios


Recent references with more detail on geoengineering; the first here is a good recent review article, the second two are short ones with some specific (and obvious) focus


Some of the most recent simulation results for stratospheric aerosols


Survey of experiments (a few years old)


Cost Analysis


On learning from analogs


On adaptive management; detection for learning where models might not be right


MacMartin, Irvine, Kravitz, Horton, “Characteristics of a solar geoengineering deployment: Considerations for governance” (Currently just a working paper but will submit somewhere; talks about timescales for detectability, managing uncertainty)

Forthcoming works include:

MacMartin, D.G., Ricke, K.L., Keith D. W., “Solar Geoengineering as part of an overall strategy for meeting the 1.5C Paris target”, currently being drafted for special issue of Phil. Trans. Royal Soc. A, to be published late [2017] (includes projected climate impacts for a 1.5C target, title will likely evolve before submitting.)

Governance of Solar Geoengineering

Overviews


On more specific issues


Forthcoming works include:

Buck, HJ and Ilona Mettiäinen. “Is the problem global mean temperatures, or political will? Navigating varied problem definitions while co-producing
research about albedo modification in the Arctic”, *Forthcoming.*

Buck, HJ. “Climate technology futures in California’s Imperial Valley: Insights from examining negative emission technologies at the landscape scale”, *Forthcoming.*

Buck, HJ. “Perspectives on albedo modification from Finnish Lapland: Viewing a global imaginary from a regional context”, *Forthcoming.*

Buck, HJ. “Climate engineering and climate-induced migration: when two emerging policy challenges intersect.” *Contribution to forum on Climate Engineering Governance: Institutions, Engagement, and Ethics, Forthcoming.*


Moreno-Cruz, Juan, Jane Flegal, Anna-Maria Hubert, and David R. Morrow. “Geoengineering — A Review.” *Annual Review of Environment and Resources* 43. Forthcoming.


Further useful references:

[http://www.umt.edu/ethics/resourcecenter/Bibliography/](http://www.umt.edu/ethics/resourcecenter/Bibliography/)