

Public Comment emailed March 3, 2025

I am writing regarding **H.217**, a bill which aims to prohibit geoengineering in Vermont. For transparency, I am sending a similar message to the Reps. on the Environment Committee with the hope of arranging a discussion with some or all of you.

I'm wary of Stratospheric Aerosol Injection and Solar Radiation Management—forms of Solar Geoengineering. Releasing substances such as sulfur dioxide or aluminum oxide into the upper atmosphere, where they can disperse across vast areas and remain for extended periods of time, carries potentially far-reaching environmental and health risks.

However, cloud seeding is a well-researched technology, with thorough environmental assessments behind it, and only operates to increase precipitation within a localized area. States across the country have been operating cloud seeding programs for the last 70+ years, with studies at the NSF's National Center for Atmospheric Research (NCAR) indicating that it can produce **5-15% more rain and snow**.

I understand the concerns motivating this legislation. Many constituents have read alarming information in the media and are understandably worried. However, I would greatly appreciate the opportunity to visit you in Montpelier to provide a broader perspective on these technologies—specifically to discuss the potential benefits of cloud seeding for Vermont, a state coping with [drought](#), as well as to highlight my genuine concerns for Solar Geoengineering.

I am available at your convenience to share both the science and operational details behind cloud seeding: what it entails and, importantly, what it does not. I greatly appreciate any time you may be able to spare during this busy session and would happily offer additional context and clarity on these topics.

Thank you for your consideration, and I look forward to the possibility of meeting with you.

Warm regards,

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