

My name is Robin Downs, grandmother to 5, I live in Newburgh, and I support SB 825 for the preservation of a clean atmosphere.

Most people are not familiar with federal weather modification laws and programs which fund and coordinate polluting atmospheric experimentation.

The U.S. Global Change Research Program (USGCRP) established by Congress in 1990, coordinates federally funded 'research,' also known as 'experimentation.'

The term "weather modification" is defined in the federal law (15 USC Ch. 9A – Weather Modification) as "any activity performed with the intention of producing artificial changes in the composition, behavior, or dynamics of the atmosphere."

According to the 2024 GAO Cloud Seeding Technology Report, "most cloud seeding and other weather modification governance has been formulated and enforced at the state level within the U.S.. Two federal laws specifically address weather modification: the Weather Modification Reporting Act of 1972 and the National Weather Modification Policy Act of 1976.

Other laws which provide for atmospheric experimentation include the Global Change Research Act (GCRA) of 1990 that was established by Presidential Initiative in 1989 and mandated by Congress in 1990.

The Global Change Research Act was cited in the 2023 Office of Science and Technology Policy (OSTP) Report, Congressionally Mandated Research Plan and an Initial Research Governance Framework Related to Solar Radiation Modification (SRM), relative to federal coordination and funding of Solar Radiation Modification (SRM) through the US Global Change Research Program (USGCRP).

<https://www.globalchange.gov/about-us>

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In 2017 the Trump administration passed H.R. 353, (*BILLS-115hr353enr.pdf) the Weather Research and Forecasting Innovation Act of 2017, which established the US Federal Weather Enterprise. Discussed in H.R. 353 are appropriations, coordination and partnerships between federal agencies, the United States Weather Industry, academic partners, and international collaboration, including with the United Nations World Meteorological Organization (WMO) focused on global atmospheric experimentation. Technologies included phased-array technologies, NEXRAD (Next generation Radar), satellite systems, wireless communications networks, weather and air chemistry experimentation, and weather laboratories.

Yet, The American people and Mainers never gave consent for the modification of our weather or polluting atmospheric experimentation.

Activities which would intentionally pollute the air and environment - such as cloud seeding experiments and weather modification activities must be forbidden in Maine.

Please Pass LD 825 for Mainers environment and our posterity.