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October 20, 2025

The Honorable Russ Vought
Director of Office of Management and Budget
1600 Pennsylvania Avenue, NW
Washington, DC 20500

RE: Request Immediate Suspension of Federal Funding and Activities Related to Solar Radiation Modification (SRM)

Dear Director Vought,

I request the immediate suspension of all federal funding related to the Solar Radiation Modification (SRM) programs conducted by DARPA, NOAA and other federal agencies.

The (then) Department of Defense, under the Obama and Biden Administrations, labeled climate change a national security threat—a decision that redirected billions of dollars from military readiness into speculative geo-engineering. In FY 2023 alone, the Pentagon requested $3.1 billion in "climate investment," which included SRM atmospheric experimentation.[1] These funds should have strengthened readiness, rebuilt infrastructure, and supported our veterans—not bankrolled weather-manipulation projects.

SRM encompasses increasing stratospheric aerosols that reflect sunlight by stratospheric aerosol injection (SAI) of reflective aerosols—often sulfur dioxide, SO_2, sulfate, calcium carbonate and diamond dust.[2] It is a costly and risky experiment that threatens public health, crops, wildlife and clean water while artificially destabilizing the weather.

The possible health risks associated with these pollutants alone should halt this program, yet Washington continues to pour billions of taxpayer dollars into it with no congressional authorization, no oversight and no measurable outcome. Meanwhile, communities across the nation face collapsing infrastructure, aging bridges, underfunded emergency services—while federal agencies gamble on atmospheric tinkering with taxpayer money.

Pennsylvania's Weather Modification Act of 1968 requires public notice, licensing and accountability for any deliberate atmospheric intervention.[3] Federal SRM projects ignore these safeguards, placing Pennsylvanians at risk without consent or transparency.

Immediate Action Requested

1. Terminate all SRM-related funding and contracts under the Department of War, DARPA, NOAA and other agencies.
2. Disclose all SRM activities, data and contracts to Congress and state legislatures.

Conclusion
Solar Radiation Modification is a waste of billions of taxpayer dollars, funding an Obama/Biden era program that undermines trust in government.

Respectfully,

Senator Doug Mastriano
Pennsylvania State Senate, 33rd District
Chair, Veterans Affairs & Emergency Preparedness Committee

Footnotes

1. John Conger, "Unpacking the Pentagon's $3.1 Billion Climate Request," *Climate & Security*, May 5, 2022. The Center for Climate & Security+2Office of the Comptroller+2
2. National Oceanic and Atmospheric Administration, "Solar Radiation Modification: NOAA State of the Science Factsheet." June 2025 (archived). Climate.gov+2NOAA Institutional Repository+2
3. *Pennsylvania Statutes*, Act of July 31, 1968, P.L. 789, No. 242, "Weather Modification – Regulating Rain Making", 35 P.S. §§ 7401–7414. Act No. 449 of 1967 - PA General Assembly