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October 29, 2025

The Honorable Lee Zeldin, Administrator
U.S. Environmental Protection Agency
Mail Code 1101A,
1200 Pennsylvania Avenue, NW
Washington, DC 20460

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

Dear Honorable Lee Zeldin,

I am writing to request the immediate suspension of all federal funding and activities related to Solar Radiation Modification (SRM) currently being carried out by DARPA, NOAA and other federal agencies. This request is made on the grounds of environmental risks and the irresponsible use of taxpayer dollars for unproven and potentially harmful geoengineering projects.

In recent years, the U.S. government, under both the Obama and Biden administrations, has invested heavily in climate intervention strategies, including SRM, a technology that involves spraying reflective aerosols into the atmosphere to block sunlight. While such programs are marketed as efforts to combat climate change, they carry significant risks to public health, agriculture and our environment at large. These aerosols—often sulfur dioxide, SO_2, sulfate, calcium carbonate and diamond dust.[1]—pose a direct threat to air quality, water resources and the stability of our climate systems.

In FY 2023 alone, the Department of Defense requested $3.1 billion in funding for "climate investments," including SRM atmospheric experimentation.[2] This diversion of critical funds, intended for military readiness, infrastructure development and veteran services, represents an unacceptable misallocation of resources. While our communities continue to face aging infrastructure, deteriorating bridges, and overextended emergency services, we are instead gambling with public funds on risky, speculative experiments with unknown long-term consequences.

Pennsylvania's Weather Modification Act of 1968 sets a clear standard for atmospheric interventions, requiring public notice, licensing, and accountability for any deliberate modification of the weather. These safeguards are ignored by SRM initiatives, which operate with no transparency, no oversight and no meaningful accountability. The federal government's actions put Pennsylvanians, and all Americans, at risk without their consent or adequate public involvement.

I respectfully urge you to take the following actions:

1. Immediately halt all SRM-related funding, contracts, and activities within DARPA, NOAA and other agencies.
2. Require the full disclosure of all SRM activities, data, and contracts to Congress and state legislatures to ensure transparency and accountability.

The funds spent on these speculative geoengineering projects should be redirected to support the environment, public infrastructure and the well-being of the American people. The pursuit of SRM, particularly when no measurable outcomes or safeguards are in place, is a direct threat to public health and the integrity of our ecosystems. I urge you to take swift action to stop this dangerous misuse of taxpayer funds and work toward real, sustainable solutions for environmental protection.

Thank you for your attention to this critical issue. I look forward to your leadership in ensuring that our federal government prioritizes the health and safety of all Americans.

Sincerely,

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

Footnotes

1. National Oceanic and Atmospheric Administration, "Solar Radiation Modification: NOAA State of the Science Factsheet." June 2025 (archived). Climate.gov+2NOAA Institutional Repository+2

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