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October 31, 2025

The Honorable JD Vance
Vice President of the United States
The White House
1600 Pennsylvania Avenue, N.W.
Washington, D.C. 20500

RE: Termination of Federal Spending on Solar Radiation Modification (SRM) Programs

Dear Vice President Vance,

I respectfully urge your office to recommend immediate executive action to terminate all federal funding, contracting, and operational support associated with Solar Radiation Modification (SRM) programs administered under the Department of Defense, DARPA, NOAA and other federal agencies. SRM—an experimental climate initiative involving the injection of reflective aerosols into the atmosphere to reduce solar radiation—is a high-cost, high-risk program that has produced no proven environmental, scientific or strategic benefit.

In Fiscal Year 2023, the Department of Defense alone requested over $3.1 billion in "climate investment" funding, including SRM-related research and field testing.[1] These resources would have been far better directed toward strengthening our military readiness, rebuilding infrastructure, supporting veterans and restoring fiscal accountability.

Fiscal and Strategic Concerns: After years of taxpayer funding, there is no conclusive evidence that SRM is effective or safe.

Duplication and waste: Multiple agencies fund overlapping projects without coordination or oversight.

Risk exposure: SRM poses an environmental, health, and diplomatic liabilities—each carrying substantial financial consequences for the American taxpayer.

Every dollar spent on speculative atmospheric experiments is a dollar not spent protecting our borders, modernizing our military, rebuilding our roads or paying down our national debt.

Requested Executive Actions

- ✓ Suspend all SRM-related spending and authorizations through executive order.
- ✓ Direct the Office of Management and Budget (OMB) to conduct a comprehensive audit of all SRM contracts, grants and sub-awards issued since FY 2015.
- ✓ Reallocate SRM funds toward results-driven initiatives that enhance national security, rebuild infrastructure, and improve disaster preparedness.

Solar Radiation Modification is a costly and unproven experiment—a legacy Obama/Biden program that diverted billions from core national priorities. Terminating this program would reaffirm this administration's commitment to fiscal discipline, transparency and the responsible use of taxpayer money.

Thank you for your continued leadership in restoring accountability and common sense to federal spending.

Respectfully,

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

Footnote:

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