

**GENERAL ASSEMBLY OF NORTH CAROLINA**  
**SESSION 2025**

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**SENATE BILL 485**

Short Title: Prohibit Geoengineering. (Public)

Sponsors: Senators Settle, Moffitt, and Hise (Primary Sponsors).

Referred to: Rules and Operations of the Senate

March 26, 2025

A BILL TO BE ENTITLED  
AN ACT TO PROHIBIT THE INTENTIONAL RELEASE OF POLLUTING EMISSIONS,  
INCLUDING STRATOSPHERIC AEROSOL INJECTION, CLOUD SEEDING, AND  
ELECTROMAGNETIC RADIO FREQUENCY, INTO THE ATMOSPHERE TO ALTER  
THE TEMPERATURE, WEATHER, OR THE INTENSITY OF SUNLIGHT.

The General Assembly of North Carolina enacts:

**SECTION 1.** G.S. 143-213 is amended by adding a new subdivision to read:

"(5b) The term "atmospheric modification" means stratospheric aerosol injection (SAI), cloud seeding, electromagnetic radio frequency or microwave radiation emissions, or other atmospheric polluting activity affecting temperature, weather, intensity of sunlight, the environment, agriculture, wildlife, human health and safety, aviation, state security, or the economy of the State. The term does not include the application of pesticides via aircraft under a license issued by the Pesticide Board pursuant to Article 52 of this Chapter."

**SECTION 2.** G.S. 143-215.108(a) is amended by adding a new subdivision to read:

"(5) Intentionally inject, release, or disperse, by any means, chemicals, chemical compounds, substances, or apparatus within the borders of this State into the atmosphere with the intentional and sole purpose of atmospheric modification."

**SECTION 3.** The Environmental Management Commission shall adopt rules necessary to implement this act.

**SECTION 4.** This act is effective when it becomes law.

