



132nd MAINE LEGISLATURE

FIRST REGULAR SESSION-2025

Legislative Document

No. 825

S.P. 345

In Senate, March 4, 2025

An Act to Prohibit Geoengineering, Including the Use of Cloud Seeding, Weather Modification, Excessive Radio Waves and Microwave Radiation

Reference to the Committee on Environment and Natural Resources suggested and ordered printed.

A handwritten signature in black ink, appearing to read 'D M Grant'.

DAREK M. GRANT
Secretary of the Senate

Presented by Senator BLACK of Franklin. (BY REQUEST)
Cosponsored by Representative GREENWOOD of Wales.

1 **Be it enacted by the People of the State of Maine as follows:**

2 **Sec. 1. 38 MRSA §579-A** is enacted to read:

3 **§579-A. Geoengineering prohibited**

4 **1. Definitions.** As used in this section, unless the context otherwise indicates, the
5 following terms have the following meanings.

6 A. "Excessive electromagnetic, radio frequency or microwave radiation emissions"
7 means:

8 (1) With respect to electromagnetic emissions:

9 (a) A low-frequency alternating current electric field in excess of one volt per
10 meter;

11 (b) A magnetic field in excess of one milligauss;

12 (c) So-called dirty electricity caused by transients in electrical wiring that must
13 be filtered for safety;

14 (d) Ionizing radiation in excess of 0.02 millisievert per hour;

15 (e) A laser or other light with harmful effects; or

16 (f) Any vibration, noise, sound amplification by stimulated emissions
17 radiation, sonic weapon or other physical agent exceeding established
18 guidelines or standards; and

19 (2) With respect to radio frequency or microwave radiation emissions, emissions
20 of a signal strength in excess of -85 decibel-milliwatt for any frequency or channel
21 band specified by a transmitting entity's transmission license.

22 B. "Geoengineering" means any intentional, large-scale intervention in Earth's natural
23 systems, including, but not limited to, stratospheric aerosol injection; weather
24 modification techniques; excessive electromagnetic, radio frequency or microwave
25 radiation emissions; harmful nuclear, biological or chemical emissions; or other
26 polluting atmospheric activity.

27 C. "Harmful nuclear, biological or chemical emissions" means any nuclear, biological
28 or chemical emission that is xenobiotic and would otherwise not exist in the natural
29 environment or that is otherwise found at xenobiotic levels or levels beyond the limit
30 allowed under state or federal law.

31 D. "Solar radiation management" means any technique designed to reflect a portion of
32 the sun's radiation back into space.

33 E. "Stratospheric aerosol injection" means the release of reflective sulfate or other
34 aerosol particles into the stratosphere by high-altitude planes or blimps, tethered
35 balloons, artillery or other means for the purpose of solar radiation management.

36 F. "Weather modification technique" means any technique designed to alter or attempt
37 to alter Earth's natural weather patterns, including, but not limited to, cloud seeding.

38 **2. Prohibition.** Notwithstanding any provision of law to the contrary, a person may
39 not engage in any activity that constitutes or involves geoengineering.

