

1.1 Senator moves to amend S.F. No. 4910 as follows:

1.2 Delete everything after the enacting clause and insert:

1.3 "Section 1. **APPROPRIATION; RESEARCHING CLIMATE ADAPTATION AND**
1.4 **RESILIENCE COSTS FOR MINNESOTA.**

1.5 (a) \$..... in fiscal year 2025 is appropriated from the general fund to the commissioner
1.6 of the Pollution Control Agency to research the projected costs in Minnesota of climate
1.7 change adaptation and resilience measures needed to mitigate the projected impacts for at
1.8 least two different future scenarios using either the Shared Socioeconomic Pathways or
1.9 Representative Concentration Pathways as described by the Intergovernmental Panel on
1.10 Climate Change. The report shall:

1.11 (1) estimate costs for mid-century, late-century, and end-of-century using 2024 dollars
1.12 as a baseline;

1.13 (2) estimate costs related to hazards including, but not limited to, precipitation and heat
1.14 and the impacts of precipitation and heat on soil and lakes; and

1.15 (3) as practicable, given available modeling, provide an analysis of the projected costs
1.16 and impacts of additional hazards like flooding, drought, wildfires, high-wind events, extreme
1.17 cold, and vector-borne illnesses.

1.18 (b) As practicable, given available modeling, the report's estimates and analysis shall
1.19 consider the projected impacts on:

1.20 (1) Minnesota's natural environment including, but not limited to, impacts on:

1.21 (i) working lands and natural lands;

1.22 (ii) water including, but not limited to, surface waters, rivers, drinking water, and Lake
1.23 Superior;

1.24 (iii) air including, but not limited to, surface temperature and air quality; and

1.25 (iv) the biodiversity of Minnesota's biomes;

1.26 (2) Minnesota's built environment including, but not limited, to impacts on:

1.27 (i) residential, commercial, and public buildings; and

1.28 (ii) critical infrastructure, including but not limited to, the infrastructure that manages
1.29 stormwater, wastewater, drinking water, transportation, electricity, gas, and communications
1.30 technologies; and

- 2.1 (3) Minnesota's social environment including, but not limited to, impacts on:
- 2.2 (i) human settlement and migration;
- 2.3 (ii) statewide and regional economies including, but not limited to, impacts on industries
- 2.4 like tourism, agriculture, and forest products; and
- 2.5 (iii) public health including, but not limited to, impacts related to emergency response,
- 2.6 asthma, heat exposure, and vector-borne illnesses.
- 2.7 (c) To the maximum extent practicable, the report should integrate with University of
- 2.8 Minnesota's Minnesota CliMAT (Climate Mapping and Analysis Tool), or any related
- 2.9 preceding or successor modeling tools.
- 2.10 (d) By January 15, 2026, the commissioner shall submit a written report to the chairs
- 2.11 and ranking minority members of the legislative committees with jurisdiction over energy,
- 2.12 environment, health, transportation, and capital investment summarizing the findings of the
- 2.13 research.
- 2.14 **EFFECTIVE DATE.** This section is effective the day following final enactment."
- 2.15 Amend the title accordingly