

## SF4910 - 0 - Climate Change Adaptation Study

Chief Author: **Jennifer McEwen**  
 Committee: **Legacy and Natural Resources**  
 Date Completed: **3/18/2024 4:21:10 PM**  
 Agency: **Pollution Control Agency**

State Fiscal Impact	Yes	No
Expenditures	X	
Fee/Departmental Earnings		X
Tax Revenue		X
Information Technology		X
Local Fiscal Impact		X

This table shows direct impact to state government only. Local government impact, if any, is discussed in the narrative.  
 Reductions shown in the parentheses.

State Cost (Savings)	Biennium			Biennium	
	FY2023	FY2024	FY2025	FY2026	FY2027
Dollars in Thousands					
General Fund	-	-	5,000	-	-
Total	-	-	5,000	-	-
Biennial Total			5,000		-

Full Time Equivalent Positions (FTE)	Biennium			Biennium	
	FY2023	FY2024	FY2025	FY2026	FY2027
General Fund	-	-	.1	-	-
Total	-	-	.1	-	-

## LBO Analyst's Comment

I have reviewed this fiscal note for reasonableness of content and consistency with the LBO's Uniform Standards and Procedures.

**LBO Signature:** Jim Carlson      **Date:** 3/18/2024 4:21:10 PM  
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**State Cost (Savings) Calculation Details**

This table shows direct impact to state government only. Local government impact, if any, is discussed in the narrative. Reductions are shown in parentheses.

\*Transfers In/Out and Absorbed Costs are only displayed when reported.

<b>State Cost (Savings) = 1-2</b>		<b>Biennium</b>			<b>Biennium</b>	
<b>Dollars in Thousands</b>		<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>
General Fund		-	-	5,000	-	-
<b>Total</b>		-	-	<b>5,000</b>	-	-
<b>Biennial Total</b>				<b>5,000</b>		-
<b>1 - Expenditures, Absorbed Costs*, Transfers Out*</b>						
General Fund						
Expenditures		-	-	5,018	-	-
Absorbed Costs		-	-	(18)	-	-
<b>Total</b>		-	-	<b>5,000</b>	-	-
<b>Biennial Total</b>				<b>5,000</b>		-
<b>2 - Revenues, Transfers In*</b>						
General Fund						
<b>Total</b>		-	-	-	-	-
<b>Biennial Total</b>				-		-

**Bill Description**

Bill provides a general fund appropriation in FY2025 to research the projected costs in Minnesota of climate-change adaptation and resilience measures needed to fully mitigate the projected impacts described in the Intergovernmental Panel on Climate Change's Sixth Assessment Report.

The report must contain:

- Estimated costs for years 2040, 2060, 2080, and 2100 using 2024 dollars as a baseline
- Estimate costs related to hazards
- Provide an analysis of the projected costs and impacts of additional hazards
- As practicable, given available modeling, the reports estimates must include the states natural environment, including lands, water, air, and biodiversity
- As practicable, given available modeling, the report estimates must include the states built environment, including but not limited to residential, commercial and public buildings and critical infrastructure
- As practicable, given available modeling, the report estimates must include the state's social environment, including but not limited to settlement and migration, economies, and public health

The report should integrate with the University of Minnesota's Minnesota CLiMAT (Climate Mapping and Analysis Tool) or any successor modeling tools.

Report is due to the chairs and ranking minority members of the committees with primary jurisdiction over energy, environment, health, transportation, and capital investment summarizing the findings of the research.

**Assumptions**

Assume the report would be contracted out.

### **Expenditure and/or Revenue Formula**

The fiscal note assumes the report would be contracted out and current MPCA staff will manage the contracting process. Managing this process would take approximately 0.1 FTE. = \$17,500 (Absorbed)

The \$5,000,000 contracting cost for the study is completed by an external firm on a short time frame. The time frame for completing the study increases the assumed cost for the study. The large scope of the study also increases the expected cost of the study.

\*The annual cost of 1.0 FTE is \$175,000 in FY2023-2027. Annual costs for 1.0 FTE include salary, fringe, and non-specialized employee support costs (work space, computer and office supplies, office equipment, local travel, etc.)

### **Long-Term Fiscal Considerations**

N/A

### **Local Fiscal Impact**

N/A

### **References/Sources**

Staff familiar with climate research were consulted as well as members of the UMN Climate Adaptation Partnership.

#### **Agency Contact:**

**Agency Fiscal Note Coordinator Signature:** John Allen

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