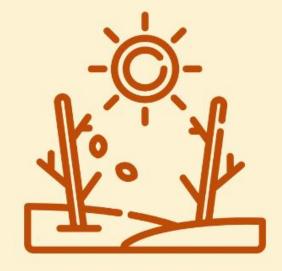
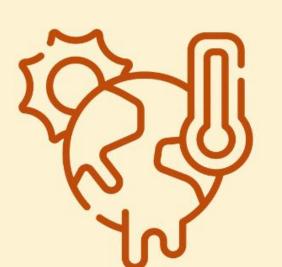
The Relationship of the Rise in Temperatures and Forest Fires on Interprovincial Migration in Canada (2017 - 2021)

The Issue



Hotter weather makes forests drier and more susceptible to burning



Climate change has led to an increase in the forest fire season length, frequency, and burned area



There are roughly 8000 forest fires in Canada each year, burning 2.5 million hectares per year

How does this affect Canadians?



The impact of forest fires on the air quality causes issues with the heart and lungs, and people's overall well-being



Forest fires can interrupt services such as communication, transportation, power, gas and water

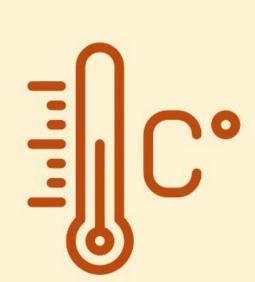
People living in these areas are likely to move away

25 million to 1 billion

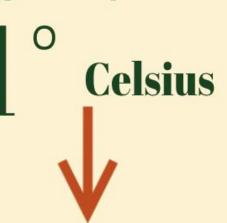
people are estimated to migrate because of climate change by the year 2050

People who migrate tend to move within borders

Examining the data



For every increase in average temperature by



An estimated increase of

107 forest fires



For every additional forest fire, an estimated increase of

migrating out

What is the Government doing?

Provincial Wildfire Management Agencies

Make risk-based appropriate response decisions whether or not to manage a wildfire.

Public Safety Canada

Coordinates federal agencies in implementing emergency management at the national level.

Department of Natural Resources (NRCan)

Monitors wildfire danger conditions to provide situational awareness at the national level.

Disaster Financial **Assistance Arrangements**

Assists provinces and territorial governments with the financial resources needed.

Canada's National Adaptation Strategy

Government of Canada's climate-specific response to make communities climate resilient.

Recommendations

Multi-Stakeholder Policy

Integrated agency with experts developing wildfire management strategies.

Investment on Programs

Resource allocation for enhancing disaster preparedness and supporting interprovincial migrants.

Evaluation



Increasing wildfires but funding for wildfire management cannot keep up

Gap in funding has left agencies with limited options to confront the changing wildfire environment.



Insufficient protection and fiscal response toward climaterelated interprovincial migrations

Climate-induced displacement is currently not defined by any interprovincial legal framework.

- **Increase Budgeting on Research**
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- https://www.canada.ca/en/services/environment/weather/climatechange/climate-plan/national-adaptation-strategy.html
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Research on potential impacts of financially supporting interprovincial migration, especially on provinces receiving net positive migration.