



# Indigenous Community-Based Climate Monitoring Program

## Mandate:

- To support Indigenous Peoples across Canada with tracking climate and the effects of climate change using Indigenous Knowledge and western science to inform adaptation actions and address climate data gaps
- Build community capacity to monitor climate change
- Facilitate knowledge and data exchange

## Eligibility:

- Recipients: Indigenous communities and organizations
- Activities supported: Engagement, planning, equipment, training, data collection, data management and analysis, communicating results, building monitoring networks, etc.

## How to Apply:

The Program is not currently accepting applications since they did a call for proposal for First Nations Projects in the Fall of 2023.

As part of this call, 4 projects were approved in the Manitoba region.

## Tools & Resources:



Indigenous Climate Monitoring  
TOOLKIT

- The [Toolkit](#) is a website created by a pan-Indigenous author team, supported by [First Peoples Group](#) and the Indigenous Community-Based Climate Monitoring Program. The Toolkit features a [step-by step](#) process, [stories](#), a wealth of [resources](#) (including a searchable [Resource Library](#)) and an interactive [map of projects](#) from across the country.
- Newsletter:  
The program publishes an email newsletter about every couple of months which includes funding and training opportunities, upcoming events, resources, and stories. Contact the program to be added to the distribution list.

### CONTACT THE PROGRAM

[surveillanceclimat-climatemonitoring@rcaanc-cirnac.gc.ca](mailto:surveillanceclimat-climatemonitoring@rcaanc-cirnac.gc.ca)

### PROGRAM INFORMATION

<https://www.rcaanc-cirnac.gc.ca/eng/1509728370447/1594738205979>



# FIRST NATION ADAPT

ISC-MB Regional Climate Change Workshop

Tabitha Clavecillas

March 2024  
Brokenhead, MB



Crown-Indigenous Relations  
and Northern Affairs Canada

Relations Couronne-Autochtones  
et Affaires du Nord Canada

Canada



# Funding for First Nation Communities

## First Nation Adapt Program

- Supporting communities experiencing severe and repeated climate impacts
- Equip communities with detailed information on how climate change impacts will affect their infrastructure and emergency management
- Support communities in identifying cost-effective, appropriate adaptation measures



## Flood Mapping

Additional funding to expand the First Nation Adapt program to support efforts to effectively reduce long-term flood risk for First Nation communities.



# Overview

First Nation Adapt works with communities to identify priority needs and opportunities to address the impacts of climate change.

Since 2016, the program has provided funding to support over 231 **community-led** projects across the provinces

## Community-driven

- Address community needs and priorities
- Incorporate Indigenous Knowledge and science
- Consider future climate projections
- Capacity Building

## Types of Projects

- Risk Assessments
- Adaptation Planning and Assessment of Options
- Cost Benefit Analysis
- Tool development
- Small-scale implementation (\$250,000)

## Key Priority Areas

- Sea Level Rise
- Flooding
- Wildfires
- Drought
- Winter Road Failures
- Risks to Archaeological and Cultural Sites
- Forestry and Fishery Management
- Water source vulnerability
- Other Emerging Priorities





# Program Criteria

## Eligible Recipients

- First Nations communities and First Nations organizations including; First Nation associations, Band councils, Tribal councils, self-governing First Nation governments, and other organizations understood to be First Nations in nature

## How Much

- Projects typically cost between \$80,000-\$160,000 per year but can exceed that amount depending on the nature and scope of the project

## Length of Projects

- One year or multi-year

## Timing

- No call for proposals
- New projects/ project descriptions, can be submitted at any time





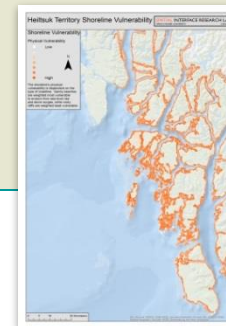
# Examples of Projects

- Indigenous Knowledge Studies
- Community Workshops



- Risk Assessments
- Cost Benefit Analysis and Adaptation Plans
- Winter Road Vulnerability Assessments

- Hazard Maps
- Flood Maps
- Storm Surge Models





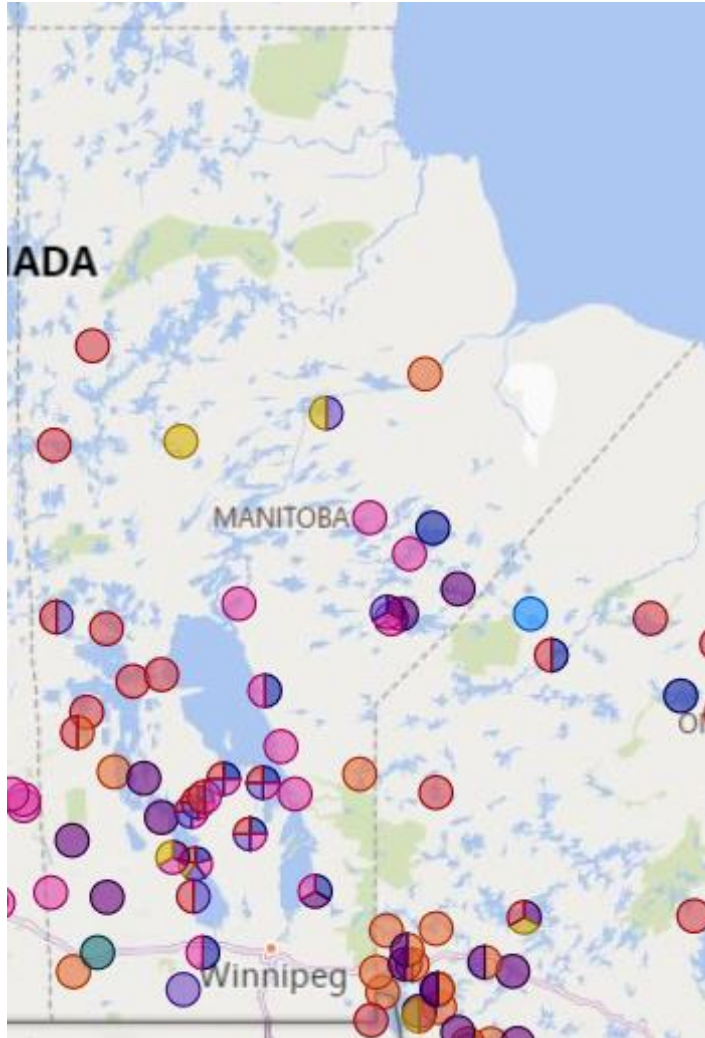
# FNA in Manitoba

# 33

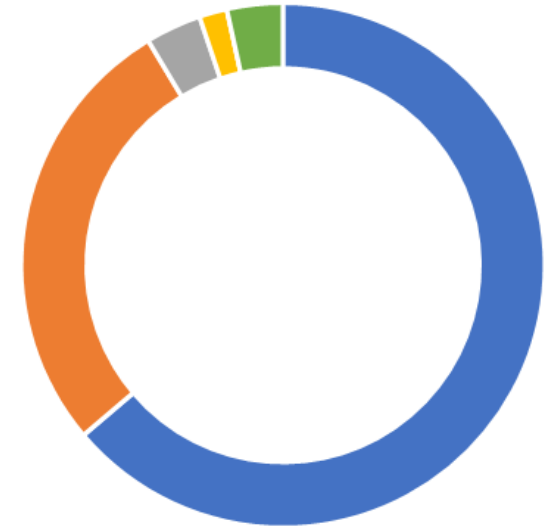
FNA-funded projects in MB

# \$12,790,678

of funding to community and regional climate change adaptation projects



Approved MB projects - project types



- Risk Assessment
- Adaptation Planning
- Cost-Benefit Analysis
- Feasibility Study
- Tool Development/Capacity Building
- Workshops





# First Nation Adapt – Manitoba Workshop

## CLIMATE CHANGE & FIRST NATIONS Regional Impacts and Priorities



There were so many impacts and priorities that were common across all the regions... we are ALL affected!



Manitoba First Nation Climate Change and Health Adaptation Workshop  
South Beach Casino & Resort, January 31 - February 1 2017

@TraceyLevasseur  
www.DecisionWorks.ca







# Assessment to Implementation

The program focuses on key priority areas due to their current and future impact on First Nations infrastructure and the ability to identify activities that communities can take to reduce negative outcomes from climate change hazards. Once these are identified, FNA seeks to:

- Support communities in conducting assessments, adaptation planning, and now small-scale implementation of identified adaptation options (\$250,000 maximum for implementation step)
- The objective is to **bridge gaps** between the assessment and implementation process to create a cohesive transition to First Nations' climate resilience
- Examples of small-scale implementation can include: home generators, native plantings to support water retention, backflow water valves to reduce flooding, or fuel management to reduce the risk of wildfire on infrastructure – to name a few





# First Nation Adapt

## Questions?

CONTACT:

[adaptation@rcaanc-cirnac.gc.ca](mailto:adaptation@rcaanc-cirnac.gc.ca)

