



Crown-Indigenous Relations
and Northern Affairs Canada

Relations Couronne-Autochtones
et Affaires du Nord Canada

First Nation Adapt and Indigenous Community-Based Climate Monitoring Program

Presented by: Dylan Forrest and Molly Morse

Line 3 Indigenous Advisory & Monitoring Committee

April 28, 2022



Canada



OUTLINE

- Program Overview
- Tools & Resources
- Funding Opportunities
- Helpful Tips
- Questions & Answers
- Program Contact Information





FIRST NATION ADAPT (FNA) PROGRAM

Supporting First Nations with community-led projects assessing and responding to climate change impacts on community infrastructure and disaster risk reduction.

First Nation Adapt Program

- Provides \$4 million per year ongoing
- Supports First Nation communities south of 60° experiencing severe and repeated climate impacts
- Equips communities with detailed information on how climate change impacts will affect their infrastructure and emergency management
- Supports communities in identifying cost-effective, appropriate adaptation measures
- Supports efforts to effectively reduce long-term flood risk for First Nation communities.

CORE ELEMENTS OF FUNDED PROJECTS

TYPES OF PROJECTS	KEY PRIORITY AREAS
<ul style="list-style-type: none"> • Risk Assessments • Adaptation Recommendations and Assessment of Options • Cost Benefit Analysis 	<ul style="list-style-type: none"> • Inland flooding and shoreline erosion • Sea level rise, coastal flooding and erosion • Wildfires • Drought • Winter roads

- ### COMMUNITY-DRIVEN
- Demonstrate a clear link between climate change impacts and adaptation and community infrastructure and emergency preparedness
 - Community-identified needs and priorities
 - Incorporate Indigenous Knowledge
 - Consider future climate projections





FIRST NATION ADAPT (cont.)

Application process

Eligible Recipients

- First Nation communities, Tribal Councils, Indigenous Organizations, Non-governmental Organizations, Academics

How much

- Projects have typically cost between \$80,000-\$160,000/year

Length of Projects

- One year or multi-year.

Timing

- **No Call for Proposals.** New project descriptions can be submitted at any time.

Examples of projects

Non-Technical

- Indigenous Knowledge Studies
- Community Workshops

- Winter Road Vulnerability Assessments
- Coastal Vulnerability Studies

Technical

- Hazard Maps
- Flood Maps
- Storm Surge Models





INDIGENOUS COMMUNITY-BASED CLIMATE MONITORING (ICBCM) PROGRAM

Supporting First Nations, Métis, and Inuit with tracking the effects of climate change to support adaptation and fill climate data gaps

OVERVIEW:

- Provides \$6 million per year announced in Budget 2017 for 10 years, starting in 2018
- Funds Indigenous Peoples across Canada to monitor climate and the environmental effects of climate change on communities and traditional territories
- Supports networking, tools, and coordination related to community-based climate monitoring

ELIGIBLE ACTIVITIES:

- Community engagement
- Developing a monitoring plan
- Hiring and training community members
- Rental or purchase of monitoring equipment
- Monitoring key climate indicators
- Assessing and managing Indigenous Knowledge and science-based data
- Communicating climate monitoring results
- Networking

CORE ELEMENTS OF FUNDED PROJECTS

TRACKS CLIMATE CHANGES

- Monitoring initiative clearly linked to tracking climate changes
- May include engagement, planning, implementation, analysis, and/or reporting

CAPACITY-BUILDING

- Incorporates youth training and/or employment
- Opportunities for youth/Elder connection
- Builds long-term community capacity to monitor

COMMUNITY-DRIVEN

- Monitoring initiative led by an Indigenous community or organization
- Incorporates Indigenous Knowledge and science





INDIGENOUS COMMUNITY-BASED CLIMATE MONITORING PROGRAM (cont.)

“DISTINCTIONS-BASED”:

Different program governance and funding approaches for
different groups

- **Métis Settlements (AB):**

- Call for Proposals open until April 29th, 2022; will be able to fund about 2 multi-year projects

- **Métis Nation:**

- Ongoing funding relationships with the 5 Governing Members
- Multi-year projects; on-going intake

- **First Nations:**

- Fund about 20 projects per year; mostly multi-year with varying levels of experience
- Next proposal intake process will likely start in 2023 for projects beginning in Spring 2024





TOOLS & RESOURCES



**INDIGENOUS
CLIMATE HUB**

www.indigenousclimatehub.ca

- [Community Adaptation Projects](#)
- [Members Network](#)
- [Resource Library](#)
 - [Indigenous Climate Change Adaptation Planning Toolkit](#)



Indigenous Climate Monitoring

TOOLKIT

www.indigenousclimatemonitoring.ca

- [Steps](#)
- [Stories](#)
- [Map of Projects](#)





FUNDING OPPORTUNITIES

- CIRNAC and ISC Climate Change Programs: [Climate Change in Indigenous and Northern Communities](#)
- Federal climate change programs: [Indigenous Climate Funding](#)
- Federal environmental programs: [Environment and Climate Change Canada funding programs](#). For example:
 - [Indigenous Guardians Pilot Program](#)
 - [Indigenous Fund for Community-Based Environmental Monitoring](#) (oilsands region)
- Infrastructure Canada [Disaster Mitigation and Adaptation Fund](#)
- [Indigenous Climate Hub – Funding](#)
- [Indigenous Climate Monitoring Toolkit – Sustainability and Funding](#)





HELPFUL TIPS

How to Secure Funding	Key to Successful Projects
<ul style="list-style-type: none">• Take a grant writing course• Apply early, apply often• Apply for multiple funding sources• Reach out to funding program staff with any questions• Get to know the funding program staff and keep in touch• Follow all application instructions and submit before the deadline (if applicable)• Be responsive to communication from funding programs	<ul style="list-style-type: none">• Find community champion(s)• Engage the community including youth and Elders• Build capacity through partnerships• Offer training and other professional development opportunities to your staff• Design your project with sustainability in mind (keep it lean)• Start looking for new or additional funding BEFORE your funding runs out• Celebrate your successes and learn from your mistakes





QUESTIONS & ANSWERS





PROGRAM CONTACT INFORMATION

First Nation Adapt	Indigenous Community-Based Climate Monitoring Program
<u>FNA webpage</u>	<u>ICBCM webpage</u>
E-mail: <u>aadnc.adaptation.aandc@canada.ca</u>	E-mail: <u>surveillanceclimat-climatemonitoring@rcaanc-cirnac.gc.ca</u>

