



Understanding the INAC First Nation Adapt program

Northern Ontario Climate Change Workshop

December 13, 2016



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Past INAC Climate Change Adaptation Programs

- CCAP operated from **2008 to 2011** and was renewed from **2011 to 2016** – adaptation projects throughout Canada (North and South).
- **2011-2016**
 - CCAP supported vulnerability assessments, adaptation planning, tools and knowledge dissemination.
 - Total of 82 distinct projects in 100 communities
 - South represented 82% of the total amount of projects funded



Climate change considerations

Is my community experiencing climate change?

Will the impacts increase in the next 25 or 50 years?

How can we reduce the impact of climate change?

What impact is climate change having on people, buildings and ecosystems?

What adaptation options are best for my community?

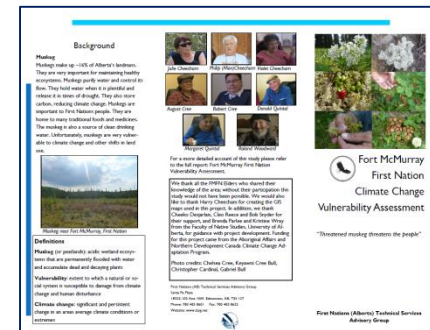
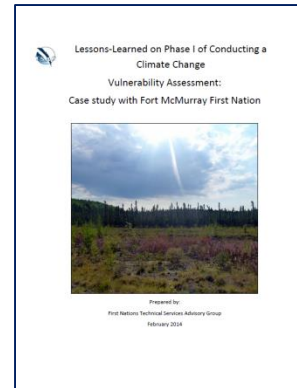
- Each community has unique tools and approaches to assess and plan for adaptation
- Communities access different communities of practitioners, resources and data





TSAG Climate Change Adaptation Program- Fort McMurray First Nation, Alberta - 2 Years/ \$170,000

- **Project objective:** To assess the climate change vulnerability of the community's surface water
- **Highlights:**
 - A vulnerability assessment was undertaken by gathering TEK
 - The information was presented to the community via a report, GIS maps, a summary pamphlet, workshops, and a documentary film
 - A lessons-learned guidebook was created to aid Alberta First Nations in undertaking vulnerability assessments



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Assessing vulnerability of the Heiltsuk community to sea level rise - combining 3D visualization tools and local knowledge – Heiltsuk Territory, British Columbia, 1 Year/ \$100,000

- **Project objective:** Determine future physical impacts of sea level rise on Campbell Island and the whole Heiltsuk territory
 - TEK was a major component
 - First-of-its-kind 3D visualization tool
 - Community's input was integrated with the visualized data to create an interactive tool
- Every member of the community can come together to use this tool and establish viable solutions



Project Partners: Hakai Institute (SFU), Spatial Interface Research Lab (SFU), Projects Society, Heiltsuk Integrated Resource Management Department



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New support for Indigenous communities

“To adapt to climate change impacts, \$129.5 million over five years, starting in 2016–17, to seven federal departments and agencies to implement programming focused on building the science base to inform decision-making, protecting the health and well-being of Canadians, **building resilience in the North and Indigenous communities**, and enhancing competitiveness in key economic sectors.” Budget 2016

INAC will build on the previous Climate Change Adaptation Program to deliver a program for First Nation communities south of the sixtieth parallel:

- Equip communities with detailed information on how climate change impacts will affect their infrastructure and support them in identifying cost-effective, appropriate adaptation measures
- Targeting communities experiencing severe and repeated climate impacts





First Nation Adapt – Priority Areas



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First Nation Adapt

INAC supports community-driven projects that demonstrate a clear link between **climate change impacts** and adaptation **and community infrastructure**

Community-driven projects:

- address community needs and priorities
- incorporate Traditional Knowledge and science
- consider future climate projections

Types of Projects:

- 1) Vulnerability Assessments
 - 2) Adaptation Recommendations and Assessment of Options
 - 3) Cost Benefit Analysis
- Project criteria will be released in January 2017 for 2017-2018.





FN Adapt Program Criteria

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

How much: Projects typically cost between \$80,000-\$160,000/yr

Length of Projects: One year. Projects are under development for April 1 2016 – March 31, 2017. New project criteria will be released in January 2017 for the following year.

Timing: No Call for Proposals. New project descriptions should be submitted prior to April 1st 2017.

Types of Projects: Hazard maps, flood maps, Firesmart assessments, winter road studies, traditional knowledge studies, cost-benefit





FN Adapt Program – Project Description Guidelines

- 1) **Description of Community Concerns-** Describe your communities' climate change concerns and issues.
- 1) **Proponent Eligibility** - Describe how you are eligible for funding.
- 2) **Adaptation Project Type** - Outline what type of adaptation project is being undertaken. Valid project types include vulnerability assessment, adaptation recommendations and assessment of options or cost benefit analysis.





FN Adapt Program – Project Description Guidelines

- 4) **Climate Impact Priority Area** - Clearly state how your project will address impacts to community infrastructure from one or more of the following climate impact areas: overland flooding, forest fires, sea level rise and coastal flooding, or winter roads (thawing).
- 5) **Proposed Methodology and Outcome of the Project** - The methodology demonstrates how the proponent will address the goals of the project by outlining clear steps in achieving the project results
- 6) **Community Agreement** - The project description includes a signed Band Council Resolution.
- 7) **Budget and Work Plan** - The FN Adapt program will provide assistance in terms of supplying the required budget form and work plan.

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FN Adapt Program – Project Review

- **FN Adapt will work with communities** – Contact program staff early to start developing project ideas; Limited funding each year
- **Indigenous Advisory Committee** - The Committee will meet 1-2 times per year to provide guidance on the priorities of the program, target regions, and tool development
- **INAC Regional Staff** – Are closer to communities and can provide important insight on the specific community in question.





FN Adapt Program – Contact Information

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