



CIER

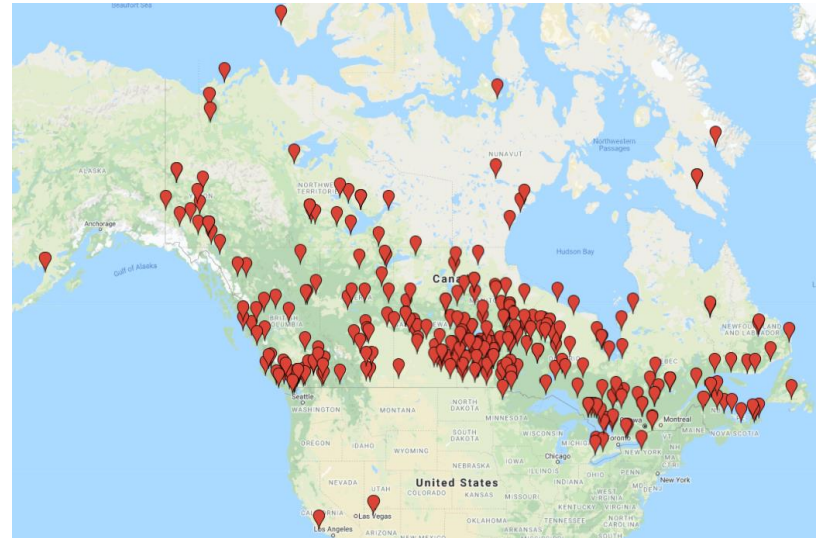
Centre for Indigenous
Environmental Resources

Indigenous Climate Change Adaptation Planning

2022 SWANA Canadian Symposium

Centre for Indigenous Environmental Resources

- Founded in 1995 by 10 First Nations Chiefs from across Canada
- Completed over 450 projects with over 300 Indigenous Nations across Canada
- Two program areas:
 - Protecting Lands and Waters
 - Building Sustainable Communities
- All our work is community-led



Why is Climate Change Adaptation Planning Important?

- Indigenous people all around the world are likely to be the first to feel the negative effects
- Community planning allows communities to set their own priorities and work together to achieve them



Climate Impacts in Manitoba

Severe Weather Events



<https://winnipeg.ctvnews.ca/concern-for-snowstorm-evacuees-mounts-as-date-for-return-home-remains-unknown-1.4638931>

Drought



Indigenous Climate Change Adaptation Planning Toolkit

- Series of resources developed by CIER to help communities with climate change planning
- Includes:
 - Templates
 - Background information
 - Step by step planning process



The Planning Cycle



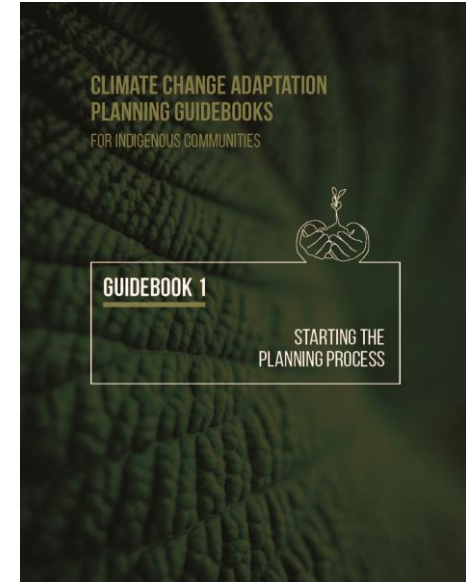
Guidebook 1: Starting the Planning Process

Goals

- Build understanding of project & importance of adaptation
- Assemble team of community leaders/members

Activities

- Meet with community leadership
- Set up a working group
- Hold a community event





Guidebook 2:

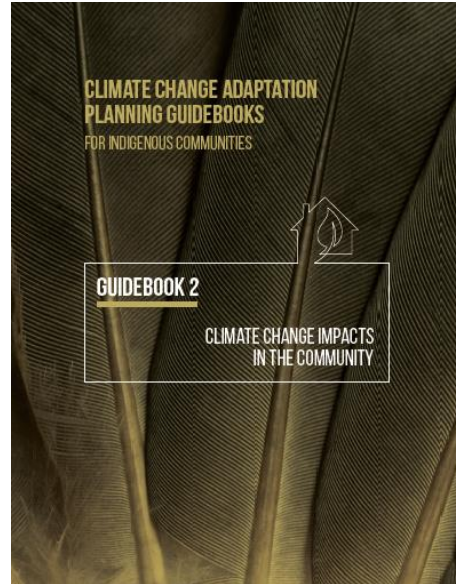
Climate Change Impacts in the Community

Goals

- Build understanding of climate change impacts
- Learn about adaptation

Activities

- Gather background information
- Brainstorm local observations of climate change



Guidebook 3:

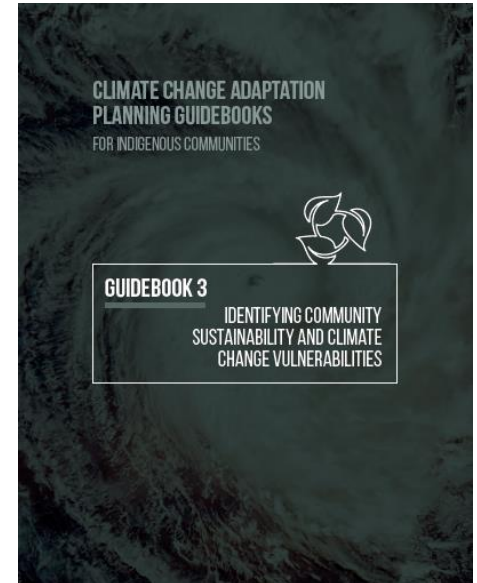
Identifying Community Sustainability & Climate Change Vulnerabilities

Goals

- Develop community vision for resilient future
- Develop different community climate change scenarios

Activities

- Community visioning
- Sustainability brainstorming
- Scenario building
- And more...



What are the opportunities? What actions would you like to see?

- Geothermal → incentives/programs
- Changing attitudes/behaviours of people
 - ↳ community taking action
- Youth Action → tools, direction, knowledge
- Recycling Plant
- Using the land to help youth stay out of trouble
 - ↳ land-based learning
- Ceremony for the water
 - ↳ feast
 - festival
 - something on a large scale
- Water sustainability education

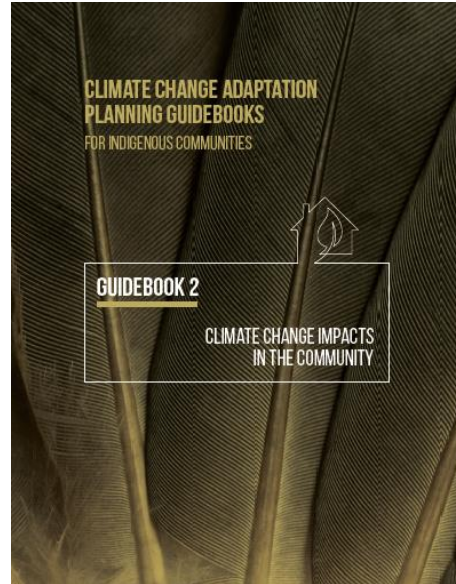
Guidebook 4: Identifying Solutions

Goals

- Identify and prioritize solutions
- Determine feasibility of different solutions

Activities

- Identifying actions based on guidebook 3 activities
- Setting priorities
- Creating comprehensive list of priorities



Guidebook 5:

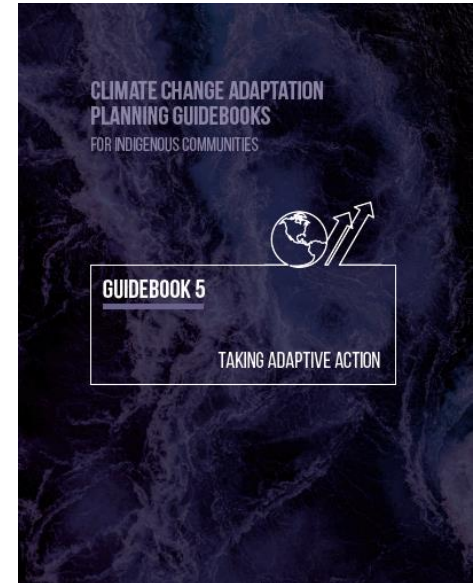
Taking Adaptive Action

Goals

- Knit together past successes, future actions, and ongoing community participation
- Develop action plan
- Celebrate achievements

Activities

- Learn about decision-making in community
- Develop action plan
- Develop challenge tree (deciding how to implement action plan)



Guidebook 6:

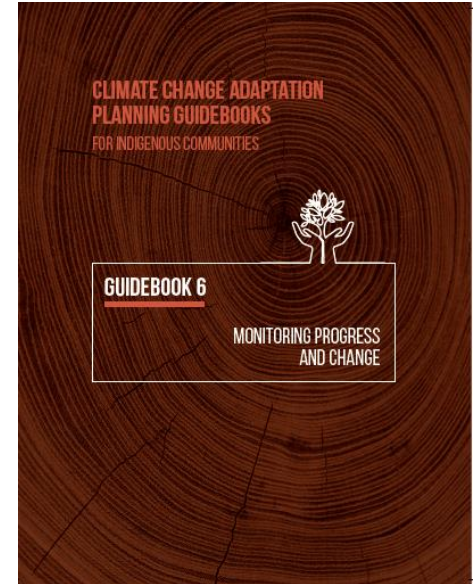
Monitoring Progress and Change

Goals

- Track and evaluate success of action plan

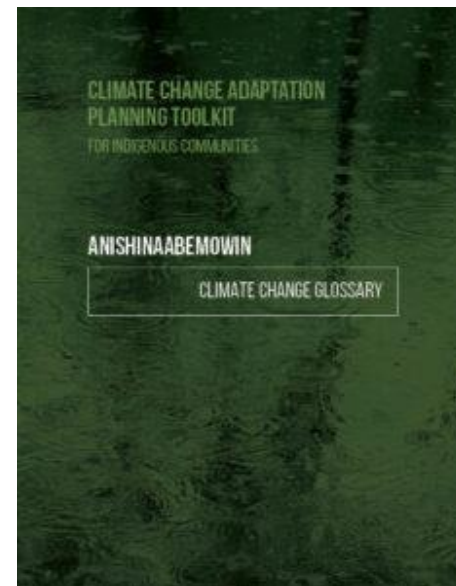
Activities

- Ongoing evaluation



Indigenous Language Glossaries

- The Climate Change Glossaries and Indigenous Languages Glossary Workbook aim to:
 - Increases cultural relevance and community ownership over the ICCAP toolkit and climate change adaptation planning process;
 - Engage a broader audience in climate change adaptation planning efforts in a culturally relevant and meaningful way; and
 - Support initiation of, or ongoing, language revitalization efforts.



Indigenous Language Glossary Example

- Askíy pimi ékí takwápoték éko ati nisiwanácitámakan nipiý ékota osci
- Éko nésám mistahi ká takok anima ká pimápoték asiskiy, ékwáni kita mosci píkwáko ana maskwami.
- Oil is infiltrating and affecting water systems
- If you have a lot of sediment in the water, the ice breaks down



Resources & Contact Info

- <https://yourcier.org/iccap-toolkit/>
- Email earth@yourcier.org



CIER
Centre for Indigenous
Environmental Resources

THANK YOU