

Braiding Climate Knowledge

Braiding Environmental Knowledge Workshop March 20th, 2024

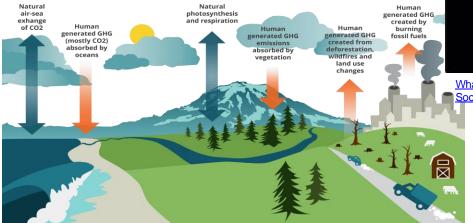
OVERVIEW

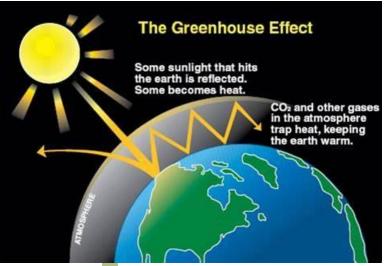
- What is Climate Change?
- Climate Impacts to Indigenous Peoples
- CIER Climate Change Planning Tools
- ECO-VERSITY
- Indigenous Perspectives Casestudies
- Hydro-Climatic Road Map
- CIRNAC Climate Change Strategy Overview



WHAT IS CLIMATE CHANGE?

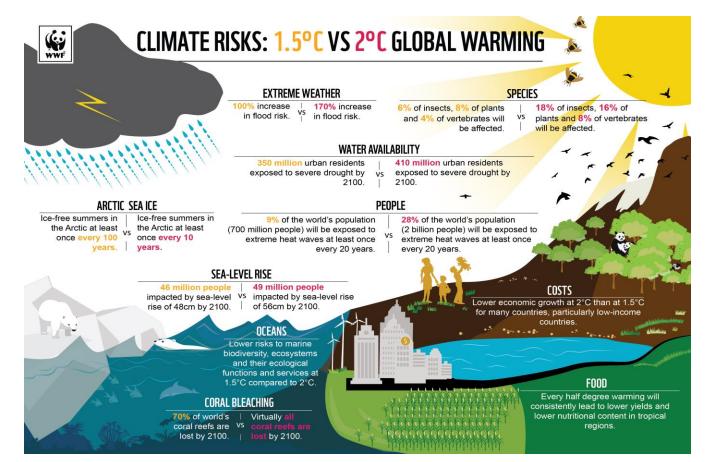
 Climate change is a long-term shift in global or regional climate patterns. Often climate change refers specifically to the rise in global temperatures from the mid-20th century to present. National Geographic





What is the difference between the greenhouse effect and global w arming?

Climate Change Explained | Pierce County, WA - Official Website (piercecountywa.gov)





CLIMATE IMPACTS TO INDIGENOUS PEOPLES

"Today, we are facing a global crisis—climate change. Indigenous People are not only threatened by colonial policies to eradicate our rights, our cultures and identities that are intrinsically linked to our places of origin. We are now threatened by manmade climate change. Coastlines are rising, weather patterns are changing, and we're experiencing floods, droughts, out-of-control forest fires, and species disappearing. It's Indigenous Peoples and land-based peoples that feel it first and most adversely.

- Ariel Deranger, Indigenous Climate Action











FOOD SECURITY



CLIMATE CHANGE ADAPTATION PLANNING TOOLKIT

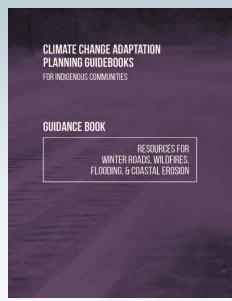
- A suite of user-friendly tools, resources, and key considerations to support Indigenous individuals and communities interested in undertaking climate change adaptation planning.
- The ICCAP Toolkit consists of the following 4 key components:
 - Indigenous Climate Change Adaptation Guidance document
 - Climate Change Adaptation Planning Guidebooks for Indigenous Communities
 - Indigenous Languages Glossary Workbook
 - Two Indigenous Language Glossaries





INDIGENOUS CLIMATE CHANGE ADAPTATION GUIDANCE DOCUMENT

- Developed to support Indigenous communities in identifying tools and resources, best practices, and key considerations that can be used for climate adaptation and resilient infrastructure planning related to the following climate risks or "impact areas":
 - Loss of Winter Roads;
 - Wildfire;
 - Inland Flooding; and
 - Sea-Level Rise and Coastal Erosion.





CLIMATE CHANGE ADAPTATION PLANNING GUIDEBOOKS FOR INDIGENOUS COMMUNITIES

- 1) Starting the Planning Process;
- 2) Climate Change Impacts in the Community;
- 3) Identifying Community Sustainability and Climate Change Vulnerabilities;

- 4) Identifying Solutions;
- 5) Taking Adaptive Action;
- 6) Monitoring Progress and Change;

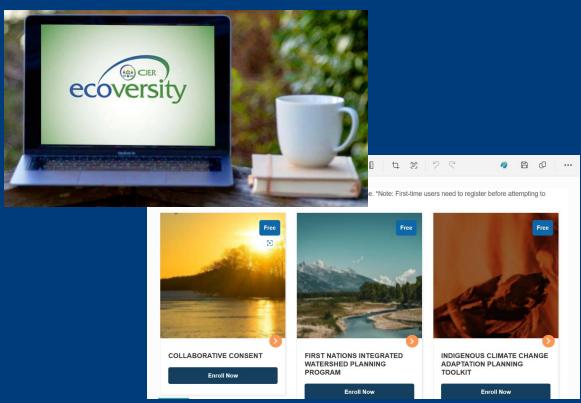


INDIGENOUS LANGUAGES GLOSSARY

- Indigenous Languages Glossary Workbook guides communities through the process of developing a language glossary of their own, in their own language, with a focus on climate change and the environment.
- Glossaries in Cree and Ojibway have been completed
- All toolkit resources available for FREE!
- Indigenous Climate Change Adaptation Planning Toolkit - yourcier



CIER ECOVERSITY



- Seven 10-25 min modules including narration slides, visuals, video and other interactive components
- Upon completion a certificate is issued.

<u>CIER ECOVERSITY</u> <u>- yourcier</u>



INDIGENOUS PERSPECTIVE CASESTUDIES



The annual Indigenous Perspectives series is a partnership program with the Centre for Indigenous Environmental Resources that aims to amplify the voices and expertise of Indigenous researchers, Knowledge Holders, and writers in the climate policy space. Every year we publish a series of new case studies and feature the authors in a live virtual roundtable, attended by a diverse audience from across Canada that includes government, industry, non-profits, academics, and community members.

<u>Indigenous Perspectives | Canadian Climate</u> Institute



HYDRO-CLIMATIC ROADMAP

- A step by step guide for how to build an overarching monitoring framework that is scientifically rigorous, technically feasible, decision-oriented, and scalable.
- The report includes the following sections
- Section 1 introduces the Collaborative Monitoring Initative, its purpose, why it matters, and describes the structure and content of the report;
- Section 2 describes common challenges of long-term monitoring, and proposes solutions to those challenges, and provides context about monitoring within the Network of Networks;

Section 3 describes the essential components involved in the development of a monitoring framework; and, Section 4 describes how the components described in Section 3 can be brought together for the development of a monitoring framework.

Appendix A & B provide frameworks for enabling hydro-climactic monitoring for Matawa First Nations Management and Dehcho First Nations.

<u>Library – yourcier</u> (Search: Hydro-climatic roadmap). Log in contact information to gain access.

CO-DEVELOPING AN INDIGENOUS CLIMATE LEADERSHIP AGENDA

"Co-develop, on a distinctions-basis, an Indigenous Climate Leadership agenda which builds regional and national capacity and progressively vests authorities and resources for climate action in the hands of First Nations, Inuit, and Métis and representative organizations" (commitment in "Strengthened Climate Plan")

Overall Objective

Indigenous peoples and Canada collaborate to build a better system for partnership; one where important decisions about national climate policy are made together, and the resources necessary to take climate action are easy to access.

From (challenges we've heard) To (how ICL could address) Potential Outcomes Over time, Canada phases out some or all climate programs and Application-based; 60+ siloed funding Allocation-based; larger pots of \$; Transfer of works with Indigenous governments and organizations to programs; varied processes; shortgrants: holistic support for climate federal funding develop a system to transfer funding directly. term funding; Canada sets priorities. strategies; communities define Collaborative Indigenous peoples have a meaningful and clear role in federal Indigenous peoples engaged late or A seat at the table in decision-making; decision-making climate policy decision-making and governance. not at all; fatigue; direction set by sustained capacity and early on climate Canada: decisions made in isolation. engagement. Support for Indigenous peoples have the long-term support for the factors Support for the "factors for success" Sustained support to build/grow the climate for success necessary to lead on priorities and respond to (e.g. capacity) to take climate action capacity, expertise, and institutions leadership climate threats in their communities and on their lands. is limited, varied, and/or (etc.) necessary to implement climate unpredictable. actions.

Approach

	(2022-25, where we are now)

Fall 2022

• Planning for codevelopment.

Planning

 National-level discussions.

Fall 2022 to Summer 2024

Discussions with Indigenous governments, communities, rights holders, and other organizations to identify needs, priorities, & options for First Nations, Inuit, and Metis Climate Leadership Strategies

Co-development and Identification of Options

Recommendations

Fall 2024 to Winter 2025

- · Recommendations to leadership on a path forward.
- Authorities for Phase

Phase 2: Implementation (2025+)

Long-term Implementation

Spring 2025, onwards

Long-term implementation of the Indigenous Climate Leadership Agenda and distinctions-based strategies.



INDIGENOUS SERVICES CANADA CLIMATE CHANGE STRATEGY



Through climate-conscious services and programs, Indigenous Services Mission | Canada supports Indigenous peoples to build climate resiliency and advance self-determined climate actions.

Principles |

Action is Needed Now - Reconciliation -Indigenous Climate Leadership - Service Transfer Collaboration & Integration - Openness & Transparency

PILLAR 1 | Building Capacity and Resilience through High-Quality Services and Programs

2028 Outcome | ISC delivers high-quality services and programs that are climate resilient and that support Indigenous communities to identify, prioritize and fund selfdetermined climate actions.

| 2025 Objectives |

- · Develop tools and processes to demonstrate progress on the integration of climate change considerations in ISC program and service delivery across sectors
- · Co-develop priority actions with Indigenous communities to improve adaptive capacity and advance climate action across sectors
- Mobilize funding for priority actions to enhance resilience in Indigenous communities
- · Co-develop and advance capacity-building and knowledge sharing opportunities with Indigenous communities to support Indigenous-led climate actions
- · Build on and integrate with existing federal initiatives and programs

PILLAR 2 | Coordinating Delivery on Climate

2028 Outcome | ISC is a model within the federal government for the coordinated delivery of climateresilient programs and services for and with Indigenous communities.

2025 Objectives

- Enhance ISC internal capacity to integrate identified climate change considerations into the delivery of high-quality services and programs
- · Clarify existing mandates, roles and responsibilities within ISC, and establish needed internal and horizontal governance and coordination mechanisms
- Enhance communication of climate action opportunities to local. regional and national Indigenous partners
- Contribute to horizontal efforts to improve efficiencies in federal climate funding and program delivery for Indigenous communities
- · Heighten ISC visibility on climate action across Indigenous partners, government and the general public

PILLAR 3 | Sharing Data and Information

| 2028 Outcome | ISC develops and maintains data and information to assess progress towards Indigenous community resilience, and collaborates with Indigenous partners on departmental data sharing, accessibility, and integration of Indigenous knowledge. 2025 Objectives

- · In partnership with Indigenous communities, establish initial performance indicators and data sources to assess progress on community climate resilience and ISC climate change initiatives
- · Establish governance standards at ISC for the collection and use of community sourced data consistent with OCAP®
- Provide climate data and information to inform ISC business planning and reporting processes
- Publish an annual internal report on implementation status
- · Work with other government departments to ensure data sharing on climate action across the federal family
- · Promote Indigenous traditional knowledge and engagement with Elders and knowledge keepers on climate change

2024 Potential Activities

- Identify and document priority climate risks and adaptation opportunities
- Start engagement to jointly prioritize and advance community-based climate planning exercises
- · Commence study on investment requirements and co-develop recommendations on investment priorities for climate action
- · Identify key areas for enhancement of funding mechanisms
- · Support engagement to identify and co-develop recommendations for Indigenous capacity building initiatives

tools and processes for integrating climate change considerations into existing and new community capacity building initiatives and workplans for the transfer of control of services • Recognizing role of connectivity in adaptive capacity, advocate for and leverage improved connectivity in

key ISC programs and services

- expertise) and funding required to Indigenous communities implement priority areas Begin developing and implementing Monitor key federal plans and new processes, practices and/or tools initiatives for supporting Indigenous
 - to integrate climate considerations into Re-examine MOU with CIRNAC to establish formal roles and responsibilities on climate action

2024 Potential Activities |

of the Strategy

climate action

Develop an annual implementation

plan to achieve Strategy outcomes

manage and coordinate the delivery

Establish a Climate Change Hub

Assess internal staffing (FTES and

regarding ISC's role in GOC in climate | 2024 Potential Activities | initiatives

- Establish a Climate Change Governance Committee Establish an interim Indigenous
- Advisory Committee Support OGDs in development and
- Establish mechanisms for regional/HQ.
- Establish a climate change risk function in the Climate Change Hub
- Collaborate to advocate for climate

- · Conduct a broad scan of key climate and data sources. including Indigenous traditional ecological knowledge Begin engagement on the development of a climate data
- application of Integrated Climate Lens governance approach Explore options for the creation collaboration and information sharing or adaptation of an online portal for key climate data and develop a plan to fill data gaps
- Develop a reporting framework action support for Indigenous Peoples for ISC progress on climate action

- Develop a reporting framework for ISC progress on climate action
- Develop a framework for public facing communications Collaborate with CIRNAC-funded community climate vulnerability
- assessments · Promote engagement with the Knowledge Circle on Indigenous Inclusion and other related fora on Indigenous traditional knowleda





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