



## **BCAFN Climate Action Webinar**

Finding and Using Climate Data for Climate Action

August 4th, 2021

### **Webinar Presenters:**

Climate Atlas Canada  
The Canadian Centre for Climate Services  
Kanaka Bar Indian Band

## **Questions & Answers**

### **Q: Will a link for the recording of this webinar be provided to the attendees?**

Yes, you may find the recording of this webinar under this page on the BCAFN website. This can be accessed by the attendees and the public.

### **Q: Do the climate videos on the Climate Atlas Canada website have captions?**

Yes, the videos on the [CAC](#) website have captions available in both English and French. The videos on the [ClimateData.ca](#) Learning Zone also include transcripts of each video.

### **Q: On the Climate Data Canada website, are there air quality and wind events data?**

On the ClimateData.ca [“Download”](#) page, there are two historical wind variables available in the station data section: direction of max gust and speed of max gust. However, there is no projected/future data. Currently, ClimateData.ca provides data on temperature, precipitation, related indices of extreme events, and relative sea-level changes.

You can find air quality data on [PurpleAir](#) and find wind events data on [Ventusky](#).

**Q: On the Climate Data and Climate Atlas website, is there data on community groundwater levels?**

No, ClimateData.ca and the Climate Atlas Canada both do not present hydrological data at the moment. However, you can find groundwater data in BC on the [Groundwater Science and Data](#) page on the Government of BC website.

The Canadian Centre for Climate Services Website has a [Climate data viewer](#) and a [Climate data extraction tool](#) that makes available river levels and flow data from historical hydrometric data.

For other hydrological data, the Pacific Climate Impacts Consortium also has projected streamflow at different hydrological stations in BC available [here](#).

**Q: How does the Climate Atlas of Canada intend to gather site-specific information?**

Working with various Indigenous communities, specialists, and documentary film makers across Canada, the Climate Atlas of Canada is able to gather site-specific information that they share through the form of maps, videos, and stories. This information can be found [here](#).

The CAC also welcomes communities who wish to share their stories, content, and site-specific data with others through the Atlas. Connect with them at [info@climateatlas.ca](mailto:info@climateatlas.ca).

**Q: Do the Canadian Centre for Climate Services/Climate Atlas Canada/Climate Data Canada have partnerships developed with other First Nations that allow for communication and knowledge-sharing between coastal communities and interior communities?**

CAC does various work with First Nations across the country. They have shared gatherings with matriarchs, leadership and knowledge keepers from many First Nations in Winnipeg, as well as other First Nations online.

The [Map of Adaptation Action](#) under the CCCS is a useful way for people to learn about the experiences of others, and for communities to share their leadership and lessons they learned about how to plan and take climate adaptation action. The Map of Adaptation Action is Canada-wide, but there are cases in the collection already that are from coastal and interior BC communities. Over the next two years, the Canadian Centre for Climate Services will continue to develop and add new case studies to the Map, including cases contributed by First Nation, Inuit and Métis communities from across Canada.

**Q: In the data portals under the Canadian Centre for Climate Services/Climate Atlas Canada/Climate Data Canada, are there data on coastal communities?**

Yes, these data portals currently have temperature and precipitation data for coastal communities, however, they do not have data that specifically combine terrestrial and marine data. However, there is extensive research in that area, including a [report on coastal adaptation](#) conducted by Natural Resource Canada.

The CCCS website also has a [Library of Climate Resources](#) that brings together hundreds of resources. The search filter can be used to look for resources related to "Coastal Management". ClimateData.ca includes data that covers all of Canada. You can search for data by location, including coastal communities. ClimateData.ca shows temperature and precipitation related data, and also has [Relative Sea-Level Change](#) data that is especially relevant to coastal communities.

**Q: Are there any climate change programs available for Indigenous communities in BC?**

Some climate change programs for Indigenous communities in BC include:

- 1) [First Nations Adapt Program](#)
- 2) [Indigenous Climate Health Action Program](#) (Closed for the 2021/2022 fiscal year. For more information about the next submissions opening, please contact [climate.health@fnha.ca](mailto:climate.health@fnha.ca))
- 3) [Government of BC Funding Opportunities](#)
- 4) [ISC Indigenous Centre for Cumulative Effects](#)
- 5) [ISC First Nations Emergency Management Assistance Program](#)

There are other environmental funding programs available for First Nations in BC that intersect into climate change preparedness, adaptation and mitigation:

**Food Security:**

- 1) [AAFC AgriScience Program](#)
- 2) [AAFC Canadian Agricultural Strategic Priorities Program](#)
- 3) [AAFC Agricultural Climate Solutions](#)

**Infrastructure:**

- 1) [ISC First Nations Infrastructure Fund](#)
- 2) [ISC First Nations Solid Waste Management Initiative](#)
- 3) [ISC Capital Facilities and Maintenance Program](#)
- 4) [INFC Green and Inclusive Building](#)
- 5) [NRCAN Smart Renewables and Electrification Pathways](#)

**Economic Development:**

- 1) [NRCAN Indigenous Forestry Initiative](#)

## **Q: Where can I access more information about available climate funding in BC?**

You may access more funding information and details [here](#) through the CleanBC website. You can also view more funding options [here](#) through the Government of BC website.

### Foundations:

- [Real State Foundation of BC](#) (REFBC). Support Indigenous communities' capacity for freshwater management, planning, and governance, including community-based monitoring and reporting. REFBC considers funding up to 50% of the cash portion of a project budget. Other areas of interest are: land Use, build environments and food lands. More information [here](#).
- [Columbia Basin Trust](#)
- [Bullit Foundation](#)
- [The Sitka Foundation](#) (focused on the Pacific Northwest)

## **Q: Are there training sessions available that can guide me in using these data portals?**

Yes, BCAFN will be hosting free training sessions in the Fall on the use of both platforms, the [ClimateData.ca](#) and the [Climate Atlas of Canada](#). If you are interested in the upcoming training sessions, please fill out this Expression of Interest Form/survey and we will send you all the information in the early Fall.