

# BC Regional Adaptation Collaborative

Supporting climate change  
adaptation at the Fraser Basin  
Council



Fraser Basin Council

Eliana Chia

Wednesday, Dec. 11, 2019

Victoria, Lekwungen and WSÁNEĆ  
territories





*The Fraser Basin  
Council Vision -  
Social well-being,  
supported by a  
vibrant economy and  
sustained by a  
healthy environment*



## What is the Fraser Basin Council?

The Fraser Basin Council (FBC) is a charitable non-profit society that brings people together to advance sustainability across British Columbia.

Established in 1997, FBC works in collaboration with different orders of government (First Nations, federal, provincial, local), along with those from the private sector and civil society.



FBC Board has 38 Directors – representatives from all orders of government, the private sector and civil society. The Board has one representative from each of the Fraser Basin's 8 major First Nations language groups.



# Vision for Sustainability

Social well-being supported by a vibrant economy  
and sustained by a healthy environment.

# FBC's Focus Areas

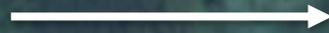
Climate  
Change and  
Air Quality

Community  
and Regional  
Sustainability

Watersheds  
and Water  
Resources



Climate  
Change and  
Air Quality



**BC Regional  
Adaptation  
Collaborative  
(BC RAC)**

# BC Regional Adaptation Collaborative (BC RAC)

## HOW DID IT START?

One of several provincial collaborations under Natural Resource Canada's national program.

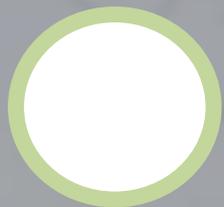
BC RAC Phase I started in 2008. The current phase (BC RAC III) started in 2016.

Major funders are Natural Resources Canada and the BC Climate Action Secretariat (Ministry of Environment and Climate Change).

# PROGRAM OBJECTIVES



Build capacity of communities



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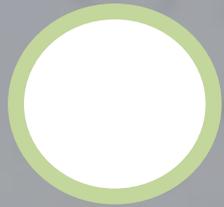
Increasing access to adaptation resources



# PROGRAM OBJECTIVES



Build capacity of communities



Increasing access to adaptation resources



Facilitate collaboration between sectors and communities



## WHO DO WE WORK WITH?

### Government

- First Nations communities
- Local and regional government staff
- Local elected officials
- Provincial government staff



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### Public sector

Universities, Utilities, Health sector



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### Non-profit sector

Non-profit organizations



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Non-profit organizations

### Private sector

Natural resource industry  
Consultants / businesses  
Professional associations

**What can we offer?**



# Adaptation 101 Workshops

Introductory workshops for small communities (10,000 pop or less)

Topics: Climate change impacts, future projections, what can be done, moving forward.

This year: Lower Nicola Indian Band, Binche, Ka''yu'''k't'h' / Che:k'tles7et'h'



# HOW IS **TEMPERATURE** PROJECTED TO CHANGE IN THE ADAMS LAKE REGION?

## BY THE 2050s



ANNUAL TEMPERATURES RISING BY 3.2°C

EVEN WARMER SUMMERS WITH TEMPERATURES RISING BY 3.8°C



27 MORE VERY HOT SUMMER DAYS (ABOVE 30°C) PER YEAR<sup>1</sup>

48 MORE FROST-FREE DAYS PER YEAR<sup>1</sup>



42% MORE GROWING DEGREE DAYS<sup>1</sup>



Fraser Basin Council

Data provided by CRC team. Projected changes are relative to a 1961-1990 baseline and based upon RCP 8.5, which assumes that global GHG emissions continue to increase over the coming decades.

<sup>1</sup> Based on Canadian Climate Atlas data for Salmon Arm.

# ReTooling Library

[www.retooling.ca](http://www.retooling.ca)

## Key Subjects

Guides

Case studies

Toolkits

Plans

Videos

Backgrounders

Organizations

Initiatives

Indigenous Adaptation

Water Supply & Drought

Coastal Management & Flooding

Health

Infrastructure

Agriculture

Ecosystems & Biodiversity

Forests & Wildfires

Mining & Energy

## ReTooling for Climate Change



### SUBSCRIBE TODAY

Striving to stay current? Bring ReTooling news to your inbox.



SUBSCRIBE

Sign up for ReTooling newsletter.

## The climate is changing – are you ready?

Welcome to ReTooling for Climate Change – your first-stop website on climate change adaptation. Here is the place to find top tools and resources for BC local governments, First Nations and the natural resource sectors as everyone prepares for the impacts of climate change, now and in the years ahead.

### Adaptation Resources

#### Search by Adaptation Topics

Search for resources relevant to your area of interest. Click on icons below for resources and tools on the following adaptation topics:



WATER  
MANAGEMENT



COASTAL  
MANAGEMENT



HAZARD  
MANAGEMENT



INFRASTRUCTURE

### NEWS & EVENTS

#### NEW WEBINAR!

Information and Funding for First Nations Climate Change Adaptation Planning

Do you want to learn more about Indigenous and Northern Affairs Canada's First Nation Adapt Program and to gain a better understanding of the future BC-specific climate information available through the Pacific Climate Impacts Consortium? Join us on **January 25** from **11am to 12pm** to learn about the available resources to support First Nations communities to prepare for future climate risks.

[Register today!](#)

Presentations from Recent Workshops

### RETOOLING ESSENTIALS



# ReTooling Webinars

Free webinars on climate change adaptation

Fraser Basin Council YouTube channel

“Information and Funding for First Nation Climate Change Adaptation Planning”



## BC Regional Adaptation Collaborative (BC RAC)

31 videos • 740 views • Last updated on Jun 20, 2019



BC RAC aims to strengthen regional capacity and increase action to advance adaptation planning and implementation in local governments, First Nations governments, and the natural resource sector.



FraserBasinCouncil

SUBSCRIBED



# Regional workshop

March 2020

Co-hosting with  
Northern Shuswap Tribal  
Council

Learn about climate  
change impacts, hear  
community stories, and  
network with peers!

Let us know if you're  
interested in co-hosting



# Indigenous Youth Art Contest

Five winning artists from:  
Nak'azdli Band, James Bay  
Cree, W̱SÁNEĆ, Okanagan  
Nation, Gitxsan Nation.

Art will be featured in the  
next National Assessment  
Report on Climate Change

[www.fraserbasin.bc.ca/ArtContest.html](http://www.fraserbasin.bc.ca/ArtContest.html)



# National Assessment Report

Chapter on Indigenous perspectives on climate change adaptation

Interviews and research conducted in the past year

Written by Denni Clement, Ktunaxa Nation





# ADAPTATION CANADA2020

FEB 19-21 VANCOUVER

RAISING OUR GAME ON RESILIENCE

#CanAdapt2020 #AC2020

[www.adaptationcanada2020.ca](http://www.adaptationcanada2020.ca)



# Join our mailing list for the latest news and resources!



[www.retooling.ca](http://www.retooling.ca)



THANK  
YOU!

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