

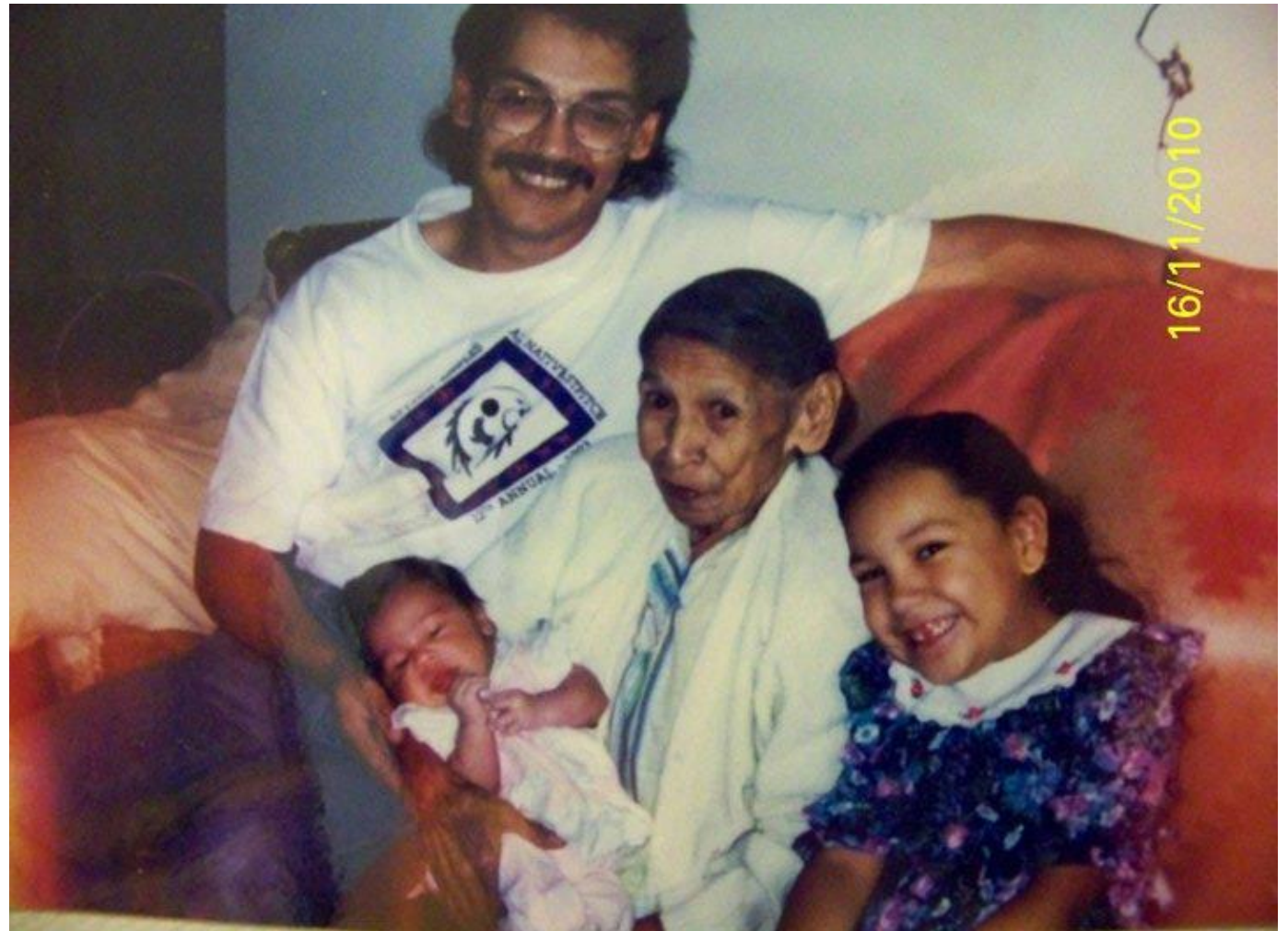
Kanaka Bar and Climate Change Resiliency

CTUIR CARES

2019

CONFEDERATED TRIBES OF THE
UMATILLA INDIAN RESERVATION

CLIMATE ADAPTATION
RENEWABLE ENERGY SUMMIT



Chief Patrick Michell, Kanaka Bar Indian Band, Nlaka'pamux Nation
December 10, 2019

My grandmother Agnes said....

To live you need:

- Air
- Water
- Food
- Shelter
- Energy

For without, you:

- Fight
- Die
- Move
- Innovate

My grandmother's knowledge and teachings are important but cannot be SOLELY relied to prepare the community for tomorrow's "environment and economy".

That's where awareness, technology, site specific data and analysis comes in.

What Colonization has brought us!

Learned behaviors & More More More

1808: Kanaka first contact

1846: Britain & America bisect Nation lands

- Upper Skagit is in USA

1857-1858: Fraser Canyon War fought

1858: British Declare Mainland Colony of BC

1867: Canada becomes a country.

1871: BC joins Canada

1876: Indian Act

1967: Canada Centennial

1973: Calder Decision

1982: Canadian Constitution

1988: Scientist Warn of climate change

2019 (+ next 8-12 years)

- on track to pass 1.5 degrees in global temperature
- on track to pass 450 ppm of GHG

2040 and onward

- complete change in everything everywhere and in some places, life ending!

Polarizing

We simply can not move forward with business as usual!

Who is going to make the changes?

How are we going to live otherwise?

Climate Change Impacts and Forecasting Shortages, Cost increases and then none.

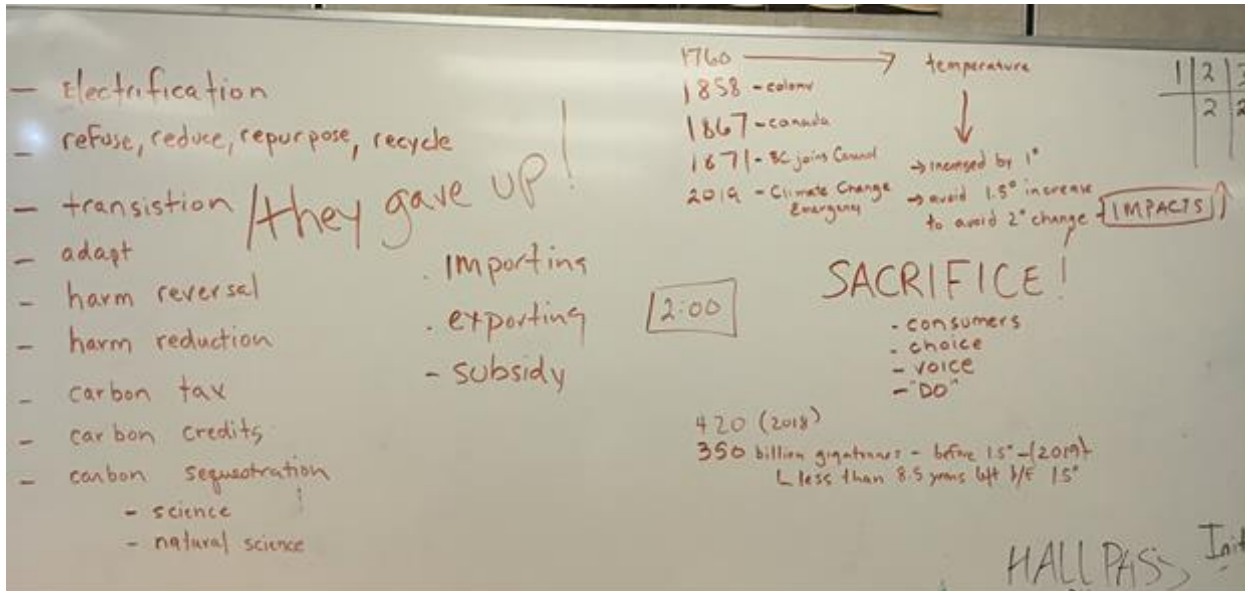
1. **Air**
 - Heat, drought, wind, particulates, forest fires
2. **Water**
 - Less snow, rain in spring and fall
 - Water quantity and quality data
 - Drinking, irrigation, fire protection and energy production
 - Storage, timed release
3. **Food**
 - First Foods - Plants, animals, fish and birds – disappearing
 - New Foods – meats, fruits and vegetables (greenhouses)
4. **Shelter**
 - Old stock
 - renovated for climate change
 - New Stock
 - energy efficient and ability to keep cool in summer and warm in winter
5. **Energy**
 - Increasing in cost and reliability

For 1,000s of years, we were self-sufficient, self governing and sustainable.

We will be all that plus more again by been proactive.

REGRESSIVE

What (Where) is Resiliency?



Harm reduction
Harm reversal
Transition
Adapt
Sacrifice

What is "quality of Life"?

- Climate Change is real.**
 - science is not in doubt!
- Kanaka is observing and recording climate change impacts on lands and resources.**
 - Understand these "new conditions" so that we can adapt to them
- Kanaka identified risks, probability and consequences on the community.**
 - site specific and bigger picture!
- Kanaka has forecasted greater change so impacts growing in frequency, duration and intensity**
 - by investing in today – we will be ready for the best and worst to come.

Are we grasshoppers or ants?

Kanaka Bar Information

Website:

<http://www.kanakabarband.ca/>

Menu for Climate Change with

- Solar production, weather stations (Live feed)
- Climate Change assessment report and action plan

Menu for presentations & videos

Updated weekly



Welcome to Kanaka Bar

[Home](#)

[Job Postings](#)

[Site Map](#)

Kanaka Bar Indian Band is also known as "Teqtaqtn'mux" or "the crossing place people". In the spirit of sharing and transparency, Kanaka Bar has created and is updating this webpage so that all users can have the same information that we have. All visitors are welcome to review our postings, photos, and documents and share what we have shared with their friends and families as well for reference purposes as well.