

# Conversation Biology

Community-based conservation of wildlife in Labrador through ongoing dialogue and sharing knowledge systems



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CAFF ABC 2018: Community-based monitoring of Arctic biodiversity Rovaniemi, Finland





## We count birds

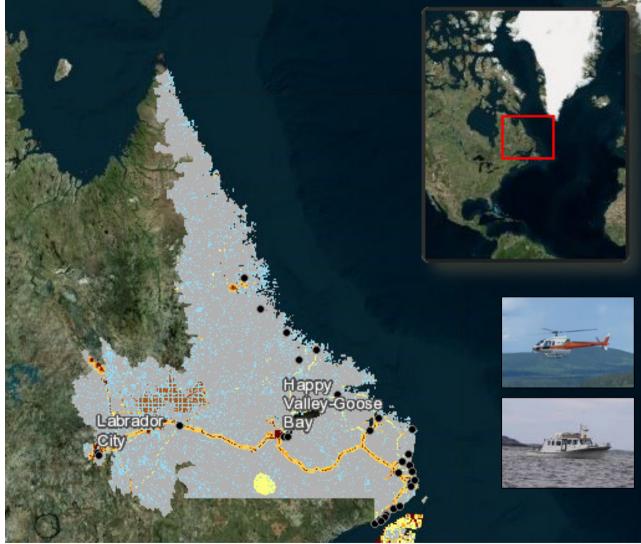
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#### Bird Counting Considerations in Labrador

- Size
- Accessibility
- Staff Resources







#### Labrador Considerations – Indigenous Population

- Three Indigenous groups in Labrador (~ 50% of total population):
  - Innu Nation (First Nation)
  - NunatuKavut Community Council (Southern Inuit)
  - Nunatsiavut Government (Labrador Inuit)

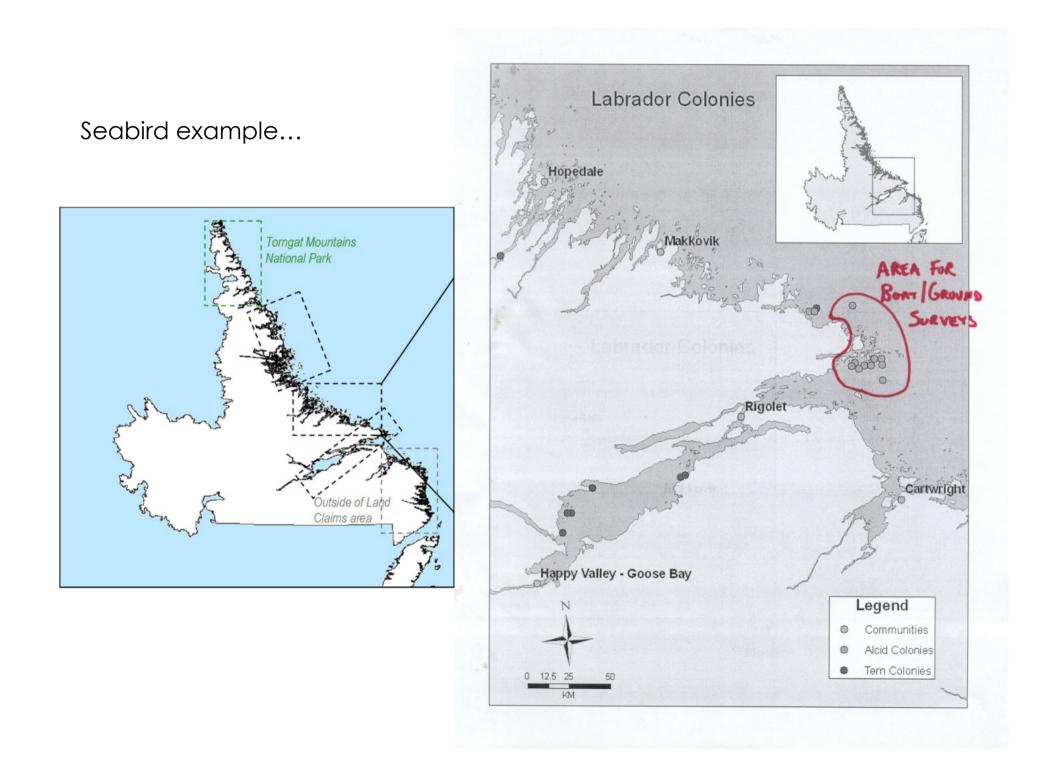


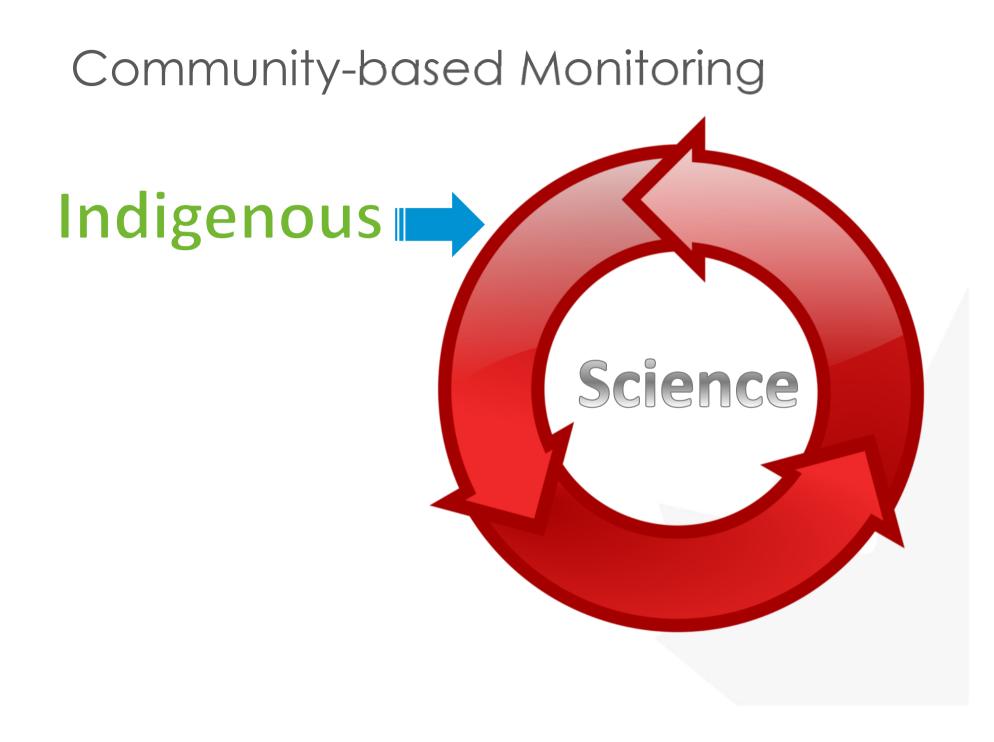
#### Standard CWS Monitoring

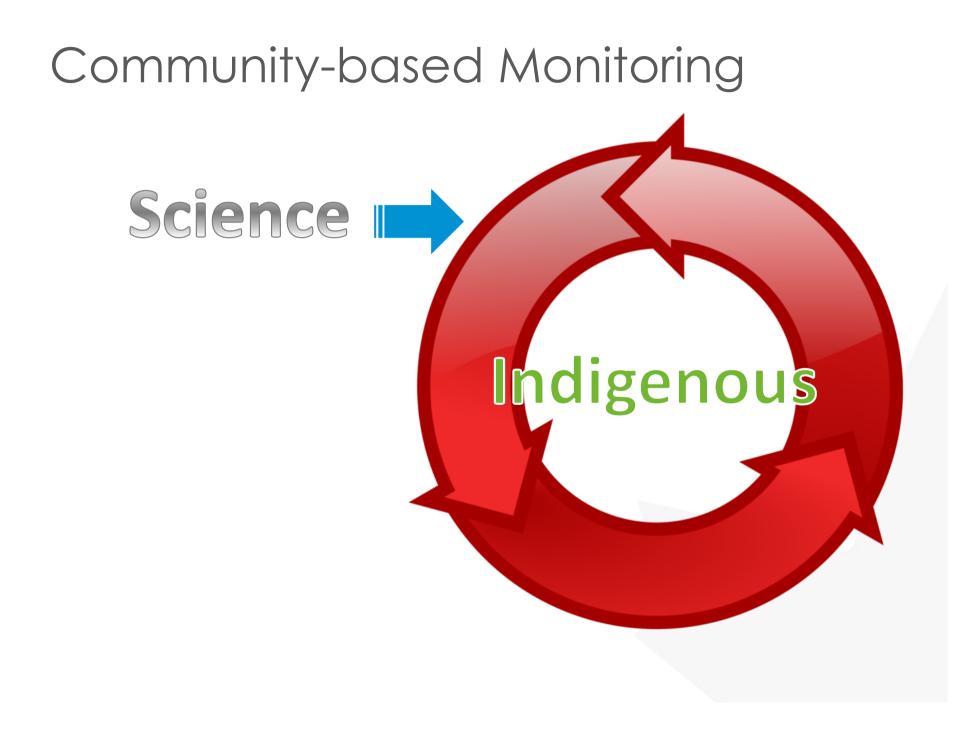


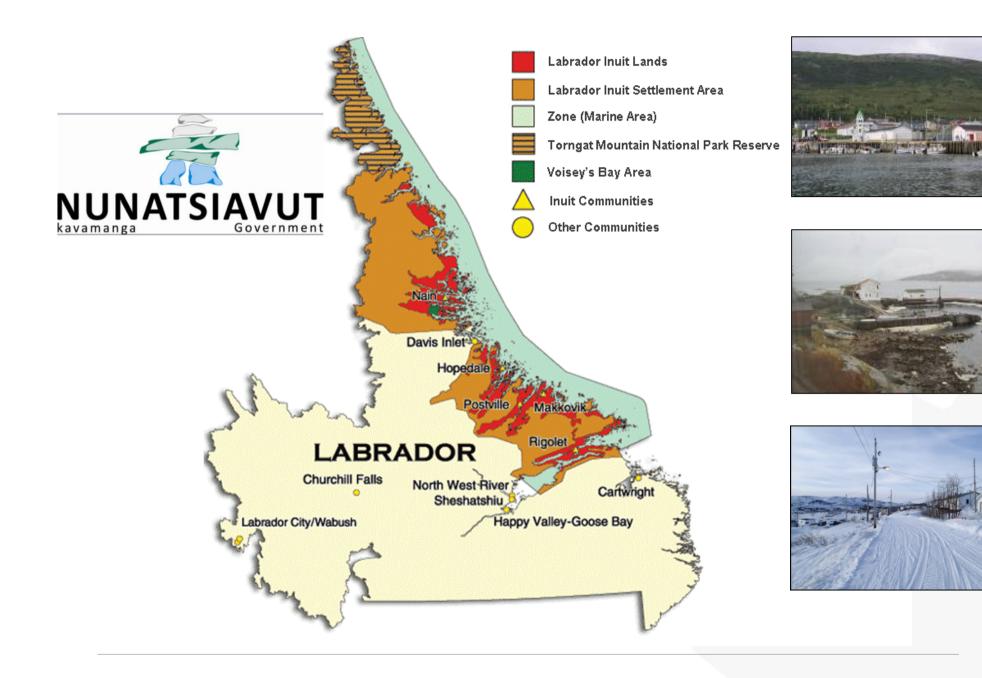
### Indigenous Involvement











#### Nunatsiavut Community Freezer Program

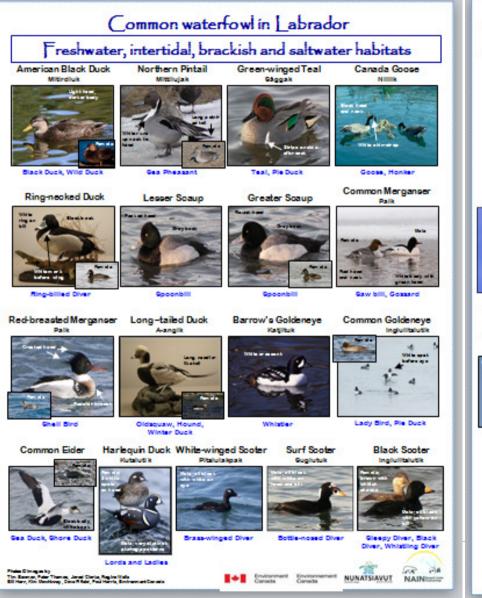


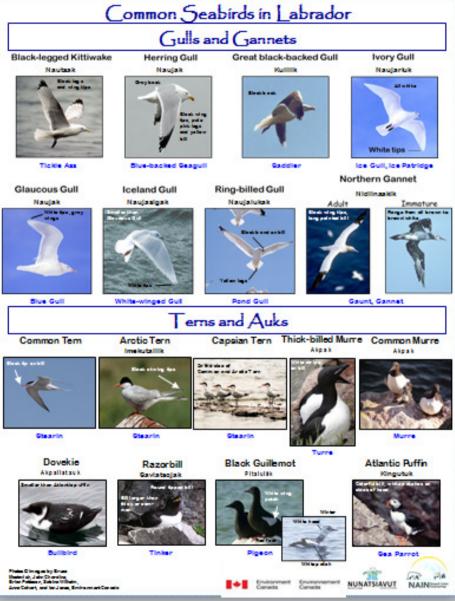
# Community-based monitoring Nunatsiavut "Wing-bee"

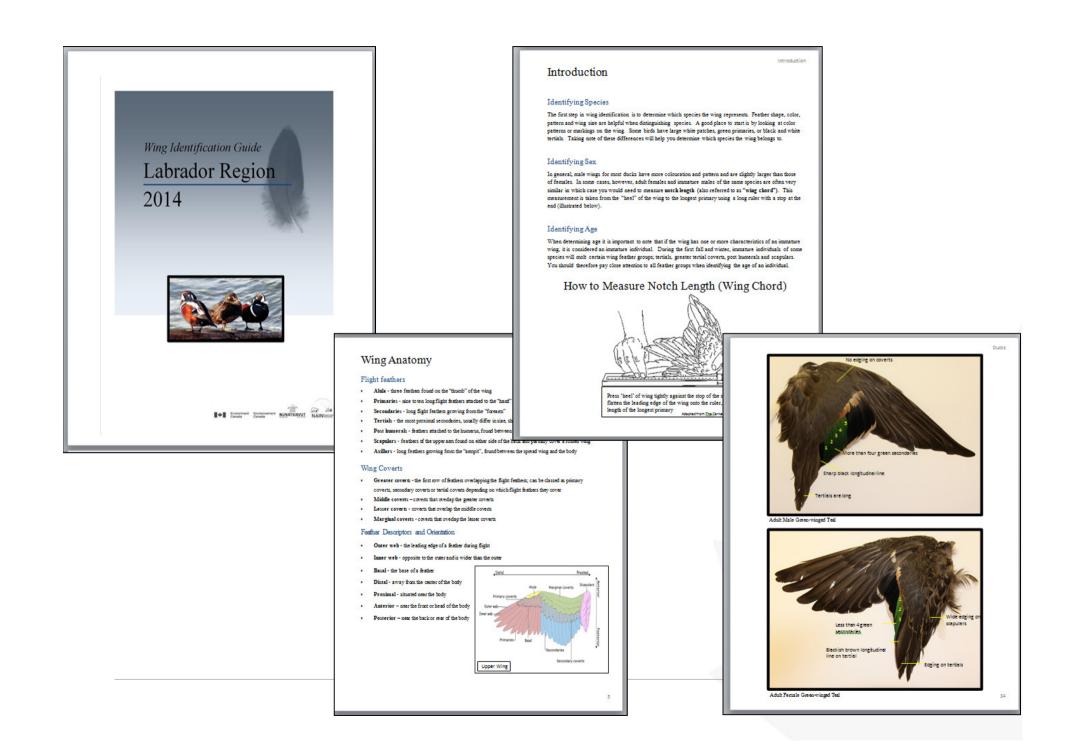
- CWS and Nunatsiavut Government are developing a species composition survey which is based on birds donated to the community freezers
  - Species, sex and age composition of harvested birds
  - Truthing and verification of previous surveys
  - Other research / monitoring (e.g "small geese")
- Nunatsiavut results for Nunatsiavut management



#### Examples of materials developed







#### Hands-on Training



First Evening (Monday): Introduction

- What is a wing-bee?

- What can it tell us about local birds?

- Hear about the wing-bee and results from Nain Second Evening (Tuesday): Hands-on

- Learn how to "read" wings (species, sex, age)

 Discuss how this will work best in Makkovik (How can you help to understand local bird populations?)







Role Castle Environment Canada (Regine Webs, Paul MacConado, Nove Polano), Numebanut Directorent (Joseph Torent





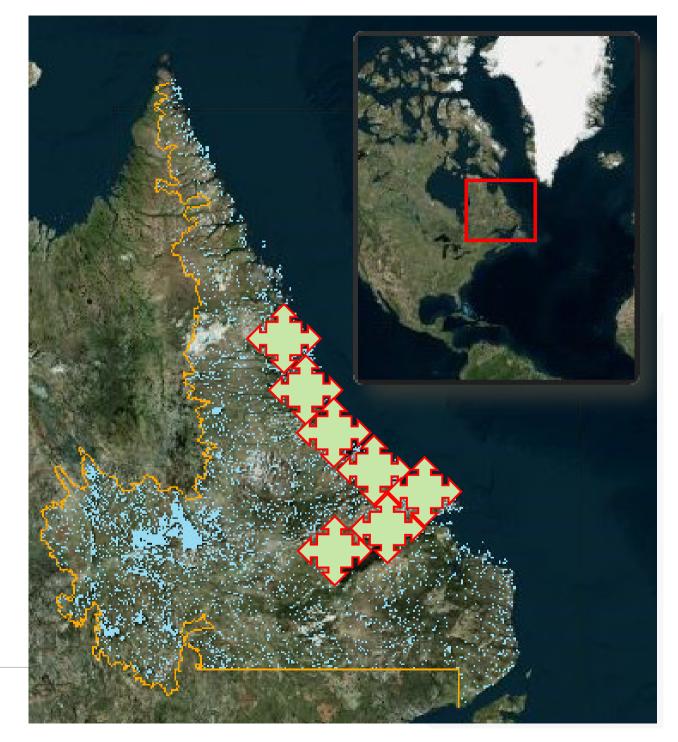




Provides **on-going**, community-level, baseline information over large areas

**Systematic** way of recording trends over time - available for management recommendations

Wing-bee provides a **forum** for regular, 2-way communication



#### Nakummek – Thank You

