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# Research Revisited

## Knowledge Cocreation Between Scientific Researchers and Indigenous Communities

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January 29, 2020

# Presentation Plan

1. Context: Research Collaboration
2. Methods: Literature and Workshops
3. Results: Principles, Practices and Challenges
4. Case Example: Collaboration in the Caribou Habitat Project



# Presentation Plan

- 1. Context: Research Collaboration**
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# Context

## Research Collaboration

### *Collaborative research by knowledge cocreation*

It is based on collaborative decision-making, equity, and mutual respect and shared progress at all stages of a research project and must be benefit both Indigenous communities and researchers.

*(from Adams et al. (2014) in Théberge et al. (2019))*

There must be collaborative efforts before, during and after the project.

*(from APNQL (2014) in Théberge et al. (2019))*



# Context

## Research Collaboration

*What are the good practices for collaborative research with Indigenous communities?*



# Presentation Plan

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- 2. Methods: Literature and Workshops**
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# Methods

## Literature and Workshops

*Literature Review*



Scientific Paper  
Theses  
Research Report  
Research Protocols



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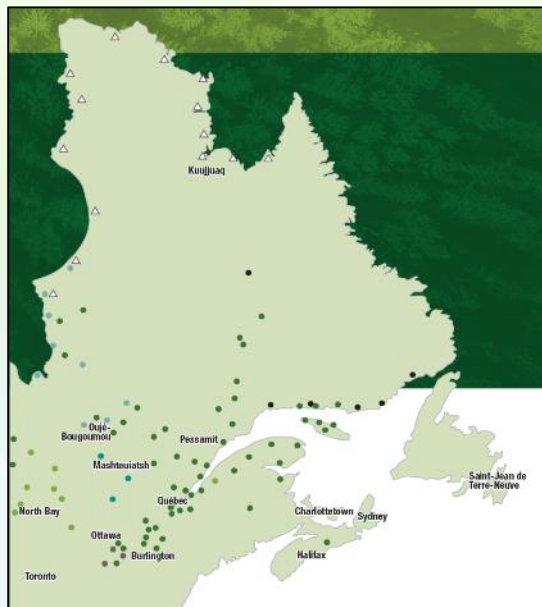
# Methods

## Literature and Workshops

*First workshop*



Scientific researchers



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# Methods

## Literature and Workshops

*Second workshop*



Scientific researchers and  
one Indigenous community



# Presentation Plan

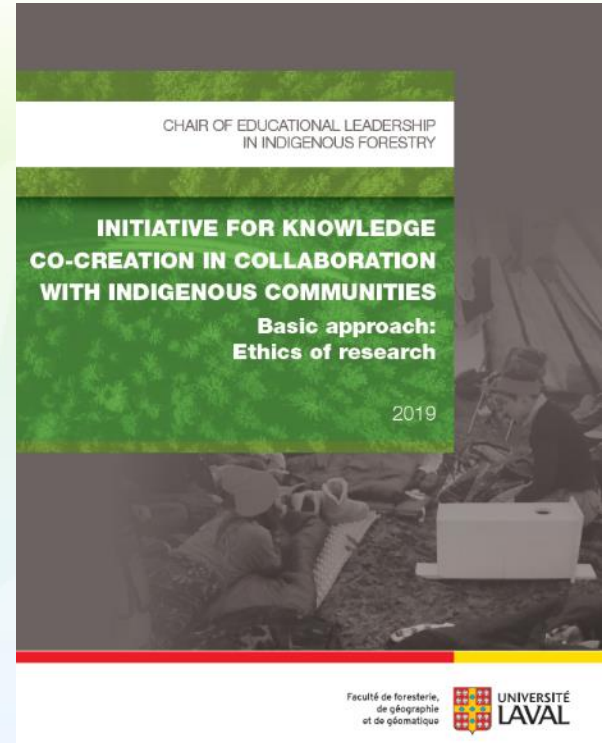
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# Results

## Principles, Practices and Challenges

### *Good Practices Guide of Collaborative Research*



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# Results

## Principles, Practices and Challenges

### Main principles

- Discussing the project
- Access and data sharing
- Work as simply as possible
- Being involved from the outset
- Sharing results
- Validating data



Figure 2 - Examples of principles to consider for researchers who wish to work with the Pessamit community. (Information collected from a workshop held March 21, 2019)

# Results

## Principles, Practices and Challenges

### Stages to initiate a relationship

1. Know the realities of Indigenous people
2. Identify the community
3. Learn about the community
4. Find out whom to contact
5. Make initial contact

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#### Stages

Natural Resources Canada researchers can take the following steps to initiate a relationship.



**KNOW** the realities of Aboriginal communities, taking every opportunity to better understand the history of Indigenous peoples in Canada.

##### TOOLS

- Indigenous Peoples Atlas of Canada;<sup>1</sup>
- Truth and Reconciliation Commission reports.<sup>2</sup>



**IDENTIFY** communities to work with.

##### TOOLS

- Aboriginal and Treaty Rights Information System (ATRIS);<sup>3</sup>
- Maps of Amerindian and Inuit communities of Quebec;<sup>4</sup>
- Map of traditional territories.<sup>5</sup>



**LEARN ABOUT** the community with which you wish to collaborate.

It is important to be familiar with elements of the community's history, language and present-day circumstances. The community may also have a protocol governing collaboration on its research projects.

##### TOOLS

- Community website, books on the community or about the Nation.



**FIND OUT** whom to contact within the community.

##### TOOLS

- Colleagues who have experience working with the communities;
- Program Officers from Natural Resources Canada;
- Community website.



**MAKE INITIAL** contact and hold a meeting (ideally in person).

<sup>1</sup> <https://indigenouspeoplesatlasofcanada.ca/section/first-nations/>

<sup>2</sup> <http://www.trc.ca/indai.html>

<sup>3</sup> [http://elgat-elris.sadme-sordc.gc.ca/htbis\\_orl/le/home-accueil.aspx?lang=en](http://elgat-elris.sadme-sordc.gc.ca/htbis_orl/le/home-accueil.aspx?lang=en)

<sup>4</sup> [http://www.autichones.gov.qc.ca/nations/cstas\\_communitaires\\_fr.htm](http://www.autichones.gov.qc.ca/nations/cstas_communitaires_fr.htm)

<sup>5</sup> <https://native-land.ca>

# Results

## Principles, Practices and Challenges

### Challenges of collaborative research

- Funding
- Research agenda
- Administrative procedures
- Dialogues between different types of knowledge



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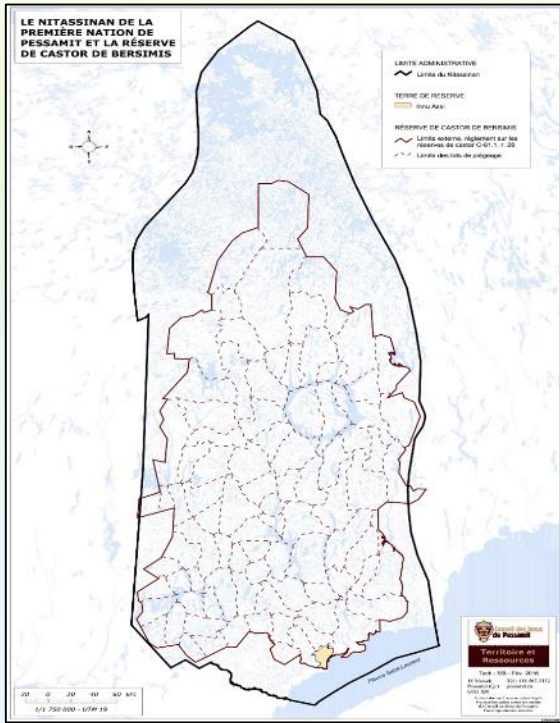
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# Case Example

## Collaboration in the Caribou Habitat Project



### *Pessamit First Nation*

- Traditional Territory
- Project of protected area creation
- Knowledge about caribou



### *Caribou Habitat Project*

- Laurentian Forestry Centre Research Teams
- Experimental sites

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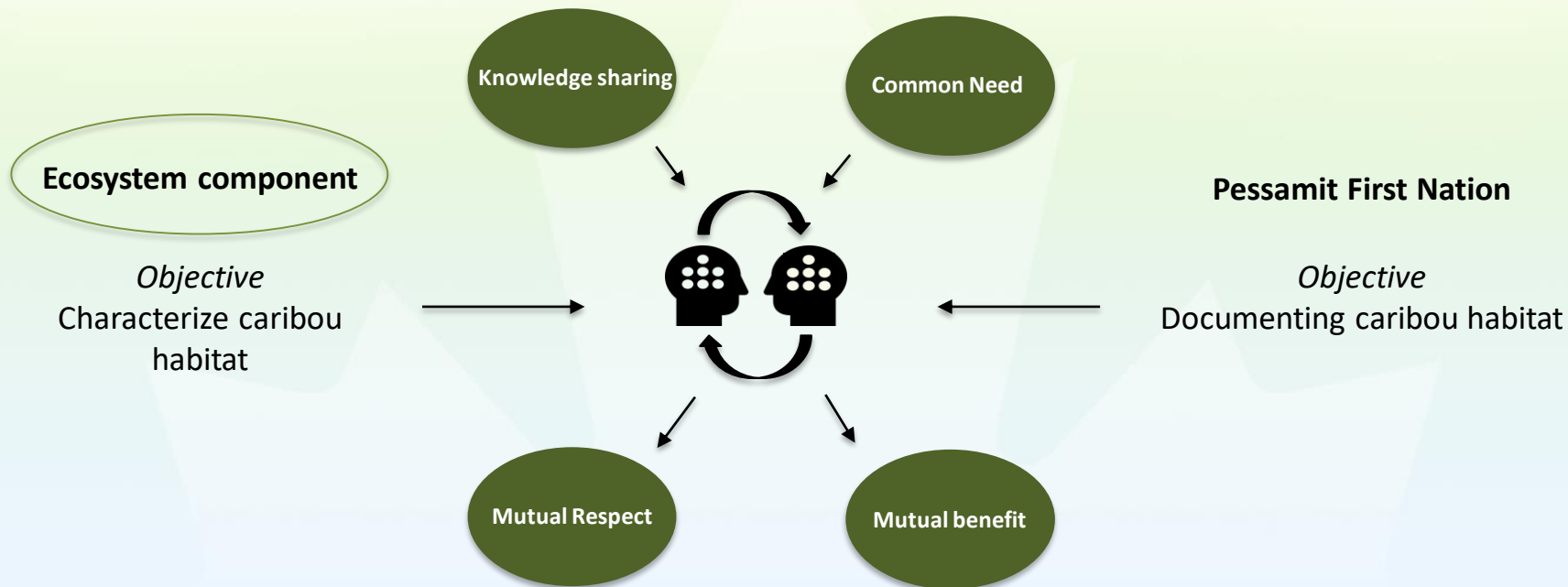
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# Case Example

## Collaboration in the Caribou Habitat Project



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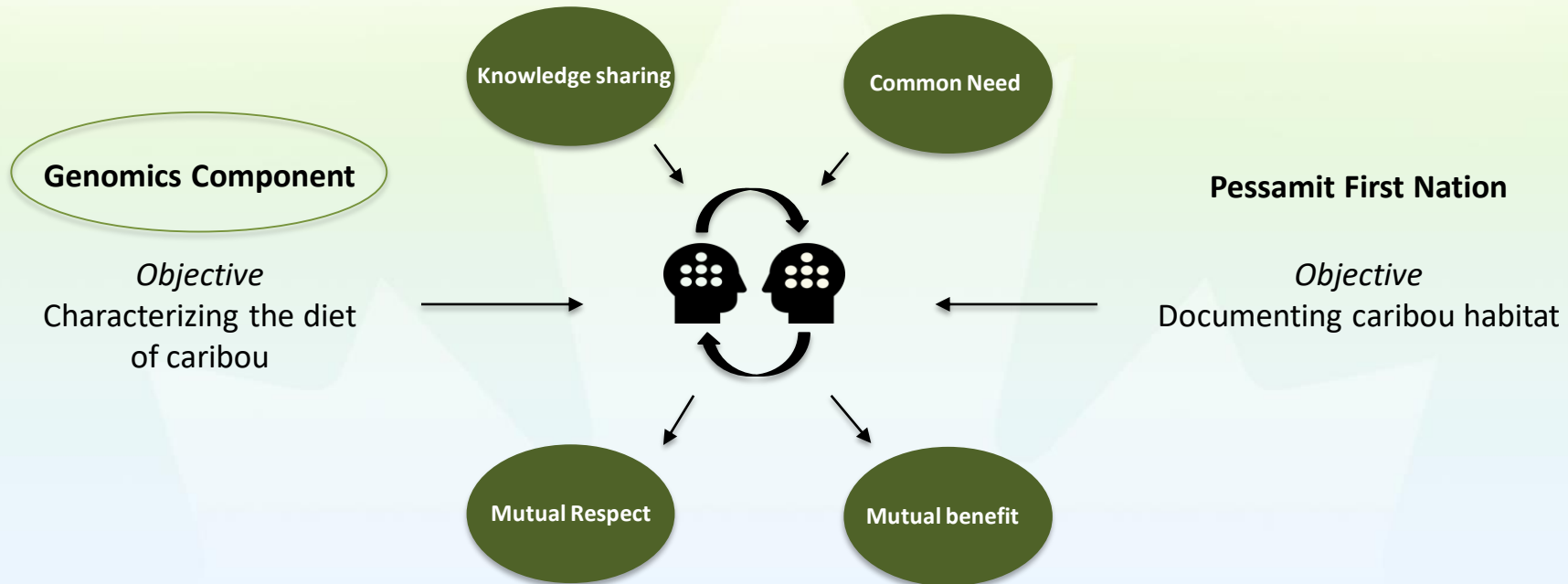
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# Case Example

## Collaboration in the Caribou Habitat Project



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# For more information

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## Documents available

Rapport      Version EN: <https://cfs.nrcan.gc.ca/publications?id=40002>  
Version FR: <https://scf.nrcan.gc.ca/publications?id=40001>

Fiche      Version EN: <https://cfs.nrcan.gc.ca/publications?id=40004>  
Version FR: <https://scf.nrcan.gc.ca/publications?id=40003>



# Thank you!

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