



Natural Resources  
Canada

Ressources naturelles  
Canada

# Research Connections: Cumulative Effects

## Canadian Conservation and Land Management (CCLM) Knowledge Portal

Note 1

**Lead Researcher:** Katalijn MacAfee (NCR) **Project Type:** Caribou/Restoration **Project Status:** Active (2020)



Canadian  
Conservation  
and Land  
Management

[WWW.CCLMPORTAL.CA](http://WWW.CCLMPORTAL.CA)



### Need/Drivers

Research outcomes and results focusing on caribou recovery, restoration and wetland management are largely dispersed, difficult to find and not always presented in a way that is useful for end-users. To encourage and facilitate collaboration, there was a need for an improved way to share easily-accessible information. In 2018, several organizations recognized this need, and developed a vision for the creation of an online knowledge portal. Today, this portal provides clear, useful and relevant information to key-end users. Rather than each organization developing their own knowledge portal, a joint approach was used to develop a larger portal and ensure a greater degree of knowledge sharing and coordination.

## Approach

The knowledge portal has three main pillars: boreal caribou (which also serves as the information repository for the National Boreal Caribou Knowledge Consortium (NBCKC)), land management (including restoration) and wetland management. The Canadian Forest Service run out of Natural Resources Canada (NRCan) is the co-lead for the land management pillar, and actively provides content for the caribou pillar (which is led by the NBCKC). Restoration of disturbed lands is a huge priority for land managers, especially when the disturbed areas are within caribou habitat. Restoration is also a component of the Federal Action Plan for the Woodland Caribou, Boreal Population, in Canada. However, restoration of disturbed sites is a complex, challenging, and expensive endeavour. Since there is a large extent of overlap between pillars, meta-data and a strong search engine are critical components of the knowledge portal. The first year (2019-2020) saw a focus on portal development and content gathering (since much information already exists). The launch of the portal took place in March 2020. The following years will focus on improving content and building linkages with other information sources, as well as increasing partnerships and collaboration opportunities to become the 'go-to' portal. The knowledge portal is housed outside of the Government of Canada (GoC), but any information provided by NRCan will be made available in both official languages.

Several representatives who are part of the NBCKC are also members of a parallel body known as the Indigenous Knowledge Circle (IKC). Members have provided direct input into the CCLM Knowledge Portal, in particular to the Interactive map on the boreal caribou portal, highlighting indigenous-led initiatives.

## Anticipated Impacts

The main goal of the knowledge portal is to provide up-to-date information to end-users and key-stakeholders. It also creates a one-stop-shop for anyone who is looking for information on caribou, restoration and/or wetland management.

The establishment of this portal has made relevant information more accessible, which should ultimately lead to an increased success rate of restoration initiatives, which is one of the goals of the land management portal.

Anticipated key end-users range from environmental consultants, policy and decision makers, government representatives, land managers and the public.

### Publications:

<https://www.cclmportal.ca/>

### Project Location:

National

### Collaborators:

Environment and Climate Change Canada (ECCC), InnoTech Alberta, NAIT (Northern Alberta Institute of Technology) Centre for Boreal Research (Academia), Ducks Unlimited Canada, COSIA (Canada's Oil Sands Innovation Alliance), Alberta Innovates.