



Caribou Recovery Ecologist

Alberta Biodiversity Monitoring Institute

Competition No. - **S106140194**

Posting Date - **Sep 16, 2019**

Closing Date - **Oct 07, 2019**

Position Type - **Full Time - Grant Funded**

Salary Range - **\$67,057 to \$92,809 per year**

Grade - **10**

Hours - **40**

This position is for 1 year with the possibility of renewal and offers a comprehensive benefits package which can be viewed at: [Faculty & Staff Benefits](#).

Working in the ABMI's Application Centre and reporting to the ABMI Operations Manager, the Caribou Recovery Ecologist is responsible for supporting the operational delivery of ABMI products and services related to the Caribou Monitoring Unit.

Duties

Responsibilities and Activities:

1. Client Liaison and Market Development

Leads and facilitates development of Caribou research and habitat recovery initiatives to support the ABMI's Caribou Monitoring Unit (CMU).

Activities

- Engaging partners, collaborators, and clients in dialogue about the potential benefits of CMU services, scientific infrastructure, data and knowledge products. This includes working with energy industry, forest industry, government, First Nations, non-government organizations and the academic community to understand the environment related knowledge needs of resource managers and scientist involved in caribou recovery.
- Develops clients and provides feedback to clients related to the status of CMU projects.
- Fosters and maintains an ongoing relationship with the ABMI's other centres to ensure working knowledge of advancements in CMU science and information management.
- Fosters and maintains an ongoing relationship with stakeholders interested in using or collaborating in CMU programs.

2. Leads and Manages

Provides leadership and expertise related to the creation and delivery of CMU programs including services, data and knowledge products related to environmental impact assessments, public policy, land use planning, and natural resource management.

Activities:

- Develops conceptual approaches to improving applied research initiatives related to mechanisms behind caribou declines, testing recovery options, and prioritizing habitat restoration initiatives.
- Supports strategic discussions about the future of the CMU.
- Supports the Information Centre in the development of the Caribou Recovery Information System.

3. Directs and Undertakes Project Work:

Working independently, with ABMI staff, or other collaborators, the Caribou Recovery Ecologist will conduct necessary project work.

Activities:

- Synthesize and develop research on effects of functional and numerical responses of predators and ungulates to habitat alteration, and climate change.
- Programming in population dynamics.
- Habitat modelling.
- Integrating CMU data with information from other sources such as government and industry monitoring data to complete the tasks.
- Manage complex mammal community databases.
- Coordinate industry partner data sets to support synthesis and research analysis.
- Supports the development of mammal community standards and protocols.
- Developing and reporting quality control procedures for CMU data, analyses and modeling.

4. Supports Knowledge Dissemination and Stakeholder Engagement

Facilitates direct and indirect understanding of CMU research and monitoring findings with environmental resource managers, policy analyst, and stakeholders.

Activities:

- Draft extension notes that translate research findings to the public and to decision makers.
- Produce reports and producing papers in the scientific literature about the analysis of mammal community data. Collaboration with academics and other members of the science community is expected.
- Oral presentation at conferences. Develops and delivers unit presentation material.
- Identify new opportunities for research projects and collaborations.
- Communicates strengths and limitations of data products.
- Supports Information Centre in development of communication material

Qualifications

B.Sc. degree in biological sciences or related discipline

Greater than 3 years working experience in the field of ecology or natural resource management with excellent organizational, writing and interpersonal skills. Preference given to those with:

- Demonstrated commitment to ABMI's values, vision and mission;
- Relevant education and experience (ecological and statistical data knowledge and experience);
- Experience with environmental data analysis;
- Career interest in woodland caribou recovery;
- Programming in R for mammal population dynamics and habitat modelling;
- Self motivated;
- Excellent interpersonal communication skills;
- A proactive approach to managing problems;
- Ability to adapt and evolve as required;
- An interest in learning;

How to Apply

[Apply Online](#)

Note: Online applications are accepted until midnight Mountain Standard Time of the closing date.

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit persons; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.