



FRIP Open Funds – July 2017 Request for Expressions of Interest - Projects Approved December 2017

1. **Workshop: Remote Sensing for Forestry Practitioners** (fRI Research); Term of project – December 2017 to December 2018; Project Category – Other (Education)– Public Awareness and Outreach

The objective of this project is to host a two-day workshop on remote sensing applications in forestry. The target audience of forestry practitioners would be introduced to best practices related to cutting edge geospatial technologies.

2. **Bull Trout Habitat Values in Comparative Watersheds** (Sundre Forest Products); Term of project – April 2018 to January 2018; Project Category – Applied Research

The objective of this project is to develop a fine-scale habitat suitability model for bull trout by collecting and analyzing data on bull trout habitat and adult presence in 6 watercourses having different land use impacts. The comparative drainage approach will examine the relationship of in-stream habitat and land use variables.

3. **Wildlife Health; An Integral Component of Forest Management** (fRI Research); Term of project – January 2018 to December 2020; Project Category – Applied Research

The objective of this project is to determine how grizzly bear health is influenced by forest conditions and current forest management practices in Alberta. Although previous research suggests that forest conditions affect grizzly bear health, this study intends to complete a comprehensive analysis of long-term data sets of forest states and grizzly bear health that will specifically compare the connection between managed lands and adjacent parks and protected areas.

4. **Caribou Conservation Through Better Cutblock Design** (fRI Research); Term of project – December 2017 to September 2019; Project Category – Applied Research

This project will investigate whether specific timber harvesting regimes and silviculture practices can be applied to make cutblocks less attractive to primary prey species (i.e. reduce forage abundance for deer, moose and elk). It will collect and analyze data from capture and collar of white-tailed deer and remote cameras that monitor deer, moose and elk use over three years and within 500 different cutblocks.

5. **Your Forest Podcast** (Your Forest Podcast); Term of project – January 2018 to December 2018; Project Category – Other (Education)– Public Awareness and Outreach

The objective of this project is to develop and create digital audio content (Podcasts) related to forestry and environmental issues. Podcasts will include a wide range of topics such as sustainable forest management, indigenous policy, career opportunities, carbon sequestration, conservation and any other applicable topics related to the forest industry.

6. **Public Involvement, Education and Awareness (PIEA) 2018-2021** (Woodland Operations Learning Foundation); Term of project – January 2018 to March 2020; Project Category – Other (Education)– Public Awareness and Outreach

The objective of this project is to deliver approximately 1,200 student days of environmental training courses that will provide Alberta's environmental leaders with science-based forest management education required to make informed decisions with respect to Alberta's working forest and land use applications. WOLF will also use FRIAA funding to maintain and refresh these educational resources.

7. **2018 Canadian Institute of Forestry National Conference and AGM** (Canadian Institute of Forestry 2018 HAMPCO); Term of project – December 2017 to October 2018; Project Category – Other (Education)– Public Awareness and Outreach

The objective of this project is to provide funding assistance towards the CIF National Conference scheduled for September 16 to 19, 2018 in Grande Prairie. FRIAA funding will be used to support costs associated with enhanced aboriginal and student participation in the conferences, as well as, preparation and dissemination of the proceedings of the conference.

8. **Development of Best Management Practices on Privately Owned Forested Lands (Woodlot Lands): through Outreach and Education** (Agroforestry & Woodlot Extension Society); Term of project – January 2018 to December 2019; Project Category – Other (Education)– Public Awareness and Outreach

The objective of this project is to create a syllabus and a manual for private forest landowners on the best techniques and management practices to manage the forested component of their land. The materials created will be used to deliver 10-12 workshops in different areas with the assistance of the local municipal districts.

9. **Forestry Futures Alliance - 2018 Forest Education Partnership** (Forestry Futures Alliance; CAREERS: The Next Generation; Work Wild; Inside Education); Term of project – January 2018 to December 2018; Project Category – Other (Education)– Public Awareness and Outreach

The objective of this project is for the Forestry Futures Alliance to continue and scale up their forest and forestry careers education programming throughout 2018. The Alliance will provide programs aimed at enhancing awareness of forest ecosystems, sustainable forest management, and the range of diverse and rewarding forest sector career paths. Activities will include school presentations, field trips, site tours, learning resource

development, career fairs, connection with experts, educator professional development, learning resources, employer recruitment, and student internship preparation. While the Alliance will work province-wide, special emphasis will be paid to students/teachers/schools in Aboriginal communities.

10. **Identification of Snow Sensitive Zones in Alberta's Southern East Slopes** (fRI Research); Term of project – January 2018 to January 2019; Project Category – Applied Research

The objective of this project is to research disturbances in forested landscapes where vegetation exerts strong hydrological control over snowpack processes that modify both the timing and quantity of water delivery from these systems. This project will focus on identifying the elevational zone of snow sensitive forest vegetation using historical hydro-climatic data sets for Alberta.

11. **Pilot testing 360° video technology for forest education at EMEND** (Northern Alberta Institute of Technology (NAIT)); Term of project – January 2018 to December 2019; Project Category – Other (Education)– Public Awareness and Outreach

The objective of this project is to use 360° video technology to create virtual field tours for use by teachers in Peace River. The intent is to partner with teachers in Peace River to develop a series of 360° videos that capture how research at EMEND (Ecosystem Management Emulating Natural Disturbance) is informing ecosystem-based approaches to forest management in Alberta.