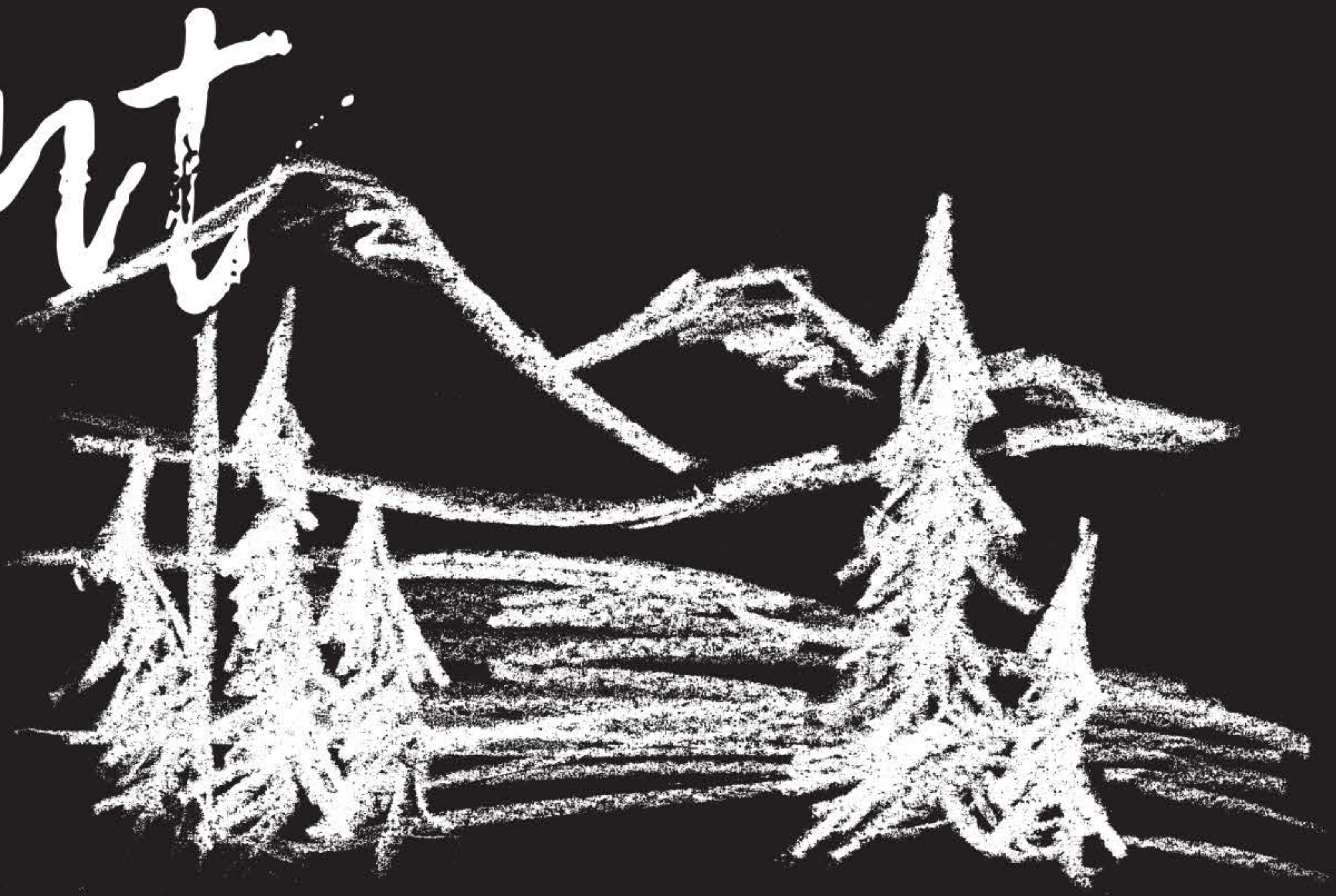# VALUE FOR
Government

For over 25 years, fRI Research has delivered the knowledge and tools that government and industry need for land and resource stewardship. As a non-advocacy scientific institute, we are the trusted link between research and practice.

Counting Grizzly Bears

We completed population inventories in 2004, 2014, and 2018 and discovered that the number of bears was increasing in many parts of the province. We've also developed cheaper methods to monitor populations.

Predicting MPB Spread

We are revealing the factors affecting its eastward spread through Alberta, to support policy development and operational decisions.

Watershed Resiliency & Restoration

As part of the WRRP, we have done over 300 watershed health assessments so Alberta's cities, towns, and land-owners can plan for flood and drought, while areas are prioritized for restoration based on cost and need.

Foothills Stream Crossing Program

Our protocol for mitigating stream crossings is being used by 26 major companies on 3,400+ stream crossings in 2019, with more joining every year because of the relationship with AER and very effective tools.

Empowering Communities Facing MPB

People in communities threatened by mountain pine beetle are worried about their way of life. We assessed their ability to meet the challenge and provided specific, practical strategies.

Benefits of Disturbance

When the forest industry harvests and replants part of a forest, some species leave and others move in to the changed habitat. We are looking at how disturbance can play a positive ecological, as well as socio-economic role.

Protecting Caribou

Our researchers look at the big picture behind caribou declines in Alberta, and enlists Alberta companies in creative projects to find ways that their operations can improve the odds for caribou recovery.
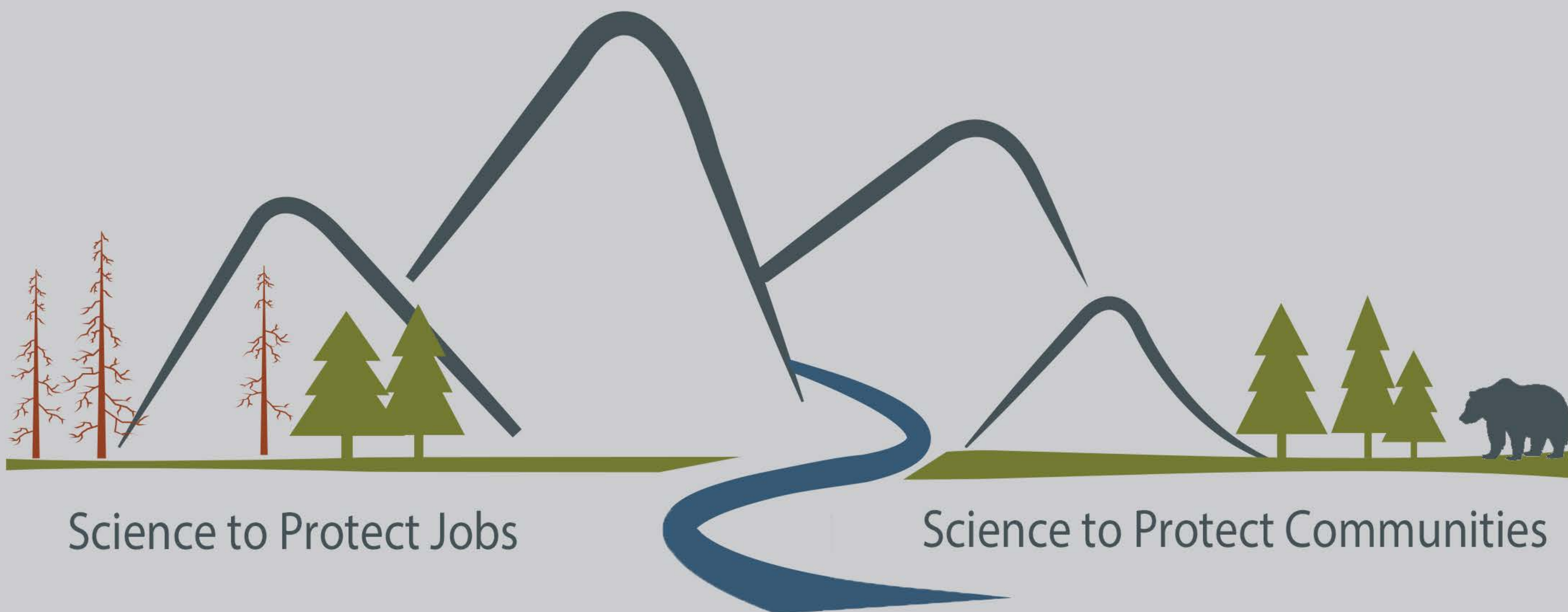
Smart Cooperation

The Foothills Landscape Management Forum showed how integrating forestry and energy industry management plans gives a drastically reduced access footprint with minimal operational constraints.
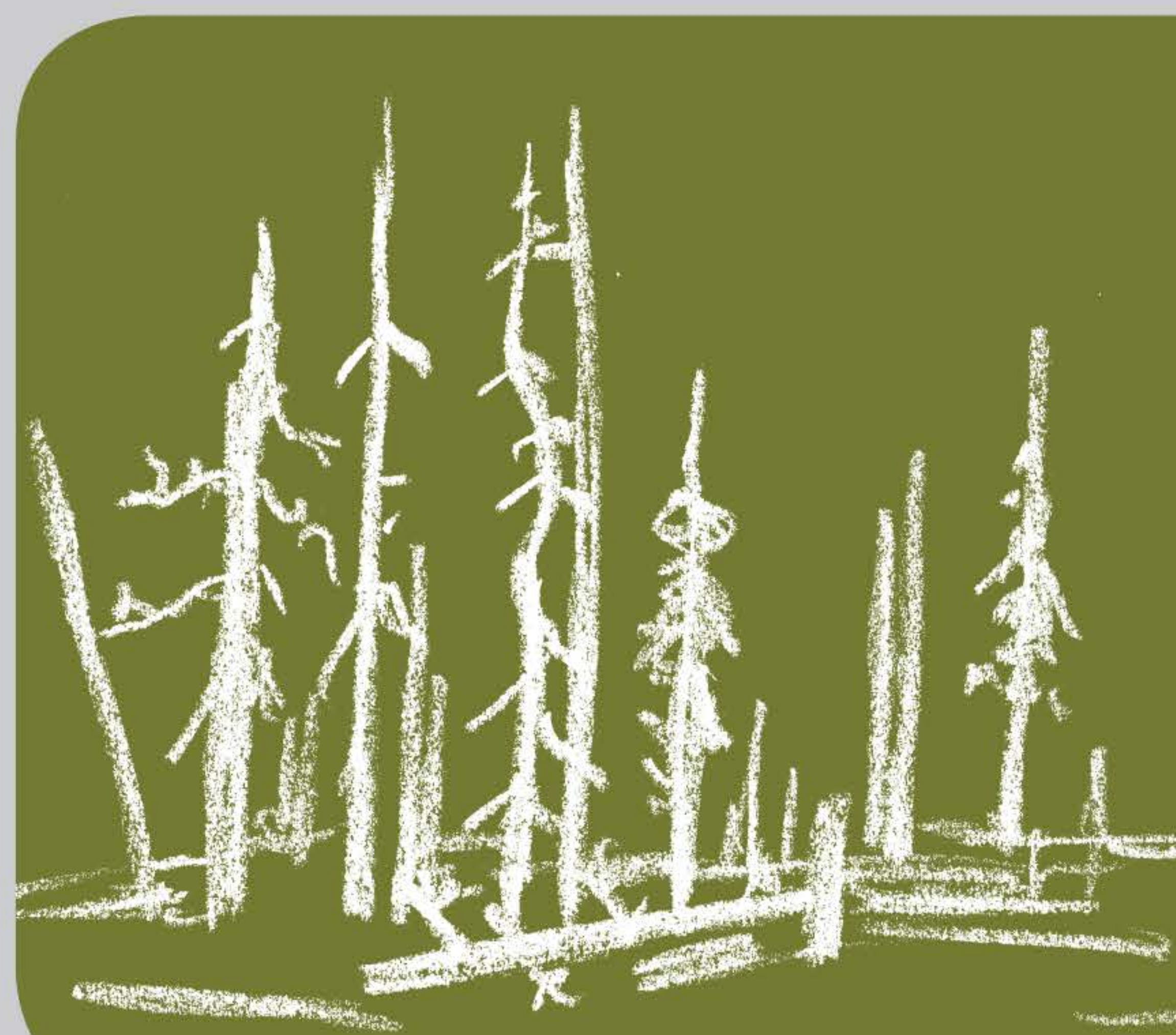
FOCUSED ON GOVERNMENT PRIORITIES

Science to Protect Jobs

As the mountain pine beetle marches east through our province, we are arming government and industry with the knowledge they need to predict the beetle's spread, decide which areas to harvest, understand how the fire risk is changing, slow the spread, and how best to salvage log and recover after an attack.

Science to Protect Communities

We developed state-of-the art procedures to gather data about Alberta's watersheds as well as next-generation hydrology models, so that governments can prepare for, and mitigate flood risk to towns and cities. Our wildfire research is also enabling communities to understand how their fire risk is changing with the landscape.

"The key outcome for me representing Agriculture and Forestry at fRI Research, is the collaborative nature of the research agenda and the partnership. We don't support research for the sake of doing research to publish, we support research to answer the immediate questions required to develop or improve land and resource management policy. The research questions and projects are applicable to all of us as partners, thus allowing us to all move forward with the best science and approach available."

Bruce Mayer, Assistant Deputy Minister, Alberta Agriculture and Forestry

SUPPORTING STEWARDSHIP

We help industry implement best practices, whether that's well-site operations that minimize impact on caribou or forest harvesting plans that simultaneously manage for grizzly bear and mountain pine beetle. Through our research, industry stewards can find ever better practices that protect the environment and maintain jobs.