



INFORMATION ON AN ONGOING PROJECT CONTRIBUTION AGREEMENT

Bettering Forestry Management Practices in the Context of Climate Change

Climate change threatens forests, putting the economic and environmental stability of communities that rely on forestry at risk, which makes it crucial to adopt adaptive silviculture practices to boost forest resilience and sustainability.

PROJECT TITLE

Advancing Adaptive Silviculture for Climate Change in Western Canada

ORGANIZATION

University of Northern British Columbia
unbc.ca/forest-ecology-management

CONTACT

Che Elkin
che.elkin@unbc.ca

START DATE

December 1st, 2023

END DATE

March 31st, 2026

This project focuses on adaptive silviculture, an innovative approach designed to strengthen forests against climate change, promote wood production, and reduce uncertainties in fibre production. The main goal is to grow forests that are resilient to extreme weather events while encouraging the regeneration of tree species that can adapt to changing climate conditions. The project also aims to develop strategies to protect mature forests from harmful climate-related events like droughts, wildfires, and invasive pests.

The importance of this project is significant, given the forestry sector's vital role in supporting communities that depend on natural resources. By addressing these challenges directly, the project seeks to safeguard the economic, social, and environmental sustainability of the forestry sector. It identifies key areas where adaptive silviculture practices can be effectively implemented to mitigate the impacts of climate change on both the forest industry and rural communities.

The insights gained from this study will lead to recommendations for improved silviculture practices, which can inform policy considerations for provincial and territorial forest managers. This collaborative effort aims to enhance forest management strategies, ensuring they remain strong and adaptable in the face of changing climate conditions.