



# Modeling climate change and thinning dynamics

Researchers at the University of British Columbia developed an information database to store and share important findings on the results of partial cutting in British Columbia. The database, geared toward the sector's needs, shares evidence-based options to traditional wood supply models and automates the compiling model process. The database provides industry decision-makers the necessary data to model commercial thinning.

## PROJECT TITLE

A toolbox facilitating the landscape-level modeling of partial cuts and commercial thinning under climate change

## ORGANIZATION

University of British Columbia

## CONTACT

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## START DATE

1 April 2018

## END DATE

31 March 2020

The key objective of the project was to make commercial thinning in British Columbia easier and more attractive to forestry leaders. The aim was to have the team's work influence policy decisions and encourage the uptake of alternative methods in forest management for mixed species stands.

In the two-year research project, the team developed and published a Web page, listing key data and relevant documentation on thinning trials and neighbouring British Columbia areas. The Web page also connects visitors to the database and toolbox Web application. The project also included a downloadable version of the toolbox, a user manual, presentations and training sessions.

Forest managers and other leaders can use the information from the project's database and toolbox to diversify forests, thereby protecting their ecosystems and the forest sector from the negative impacts of climate change. They can also use these products to plan and manage forests at the landscape level, including partial cutting as a simple, efficient and economical option for forest management.

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*Aussi disponible en français sous le titre: Une boîte à outils pour faciliter la modélisation des coupes partielles et des éclaircies commerciales à l'échelle du paysage en contexte de changements climatiques*

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