

Risk estimation using landscape fire simulation models

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Introduction

- Climate change is altering Canada’s boreal and temperate ecosystems, **increasing fire risk**.
- More frequent and intense wildfires** are expected due to extreme weather.
- Wildfires threaten caribou habitat, impacting their **survival and population dynamics**.
- Models **can help assess** how fire and climate change affect caribou.
- Better fire risk modeling is key for **accurate forecasts and effective management**.

Methods

