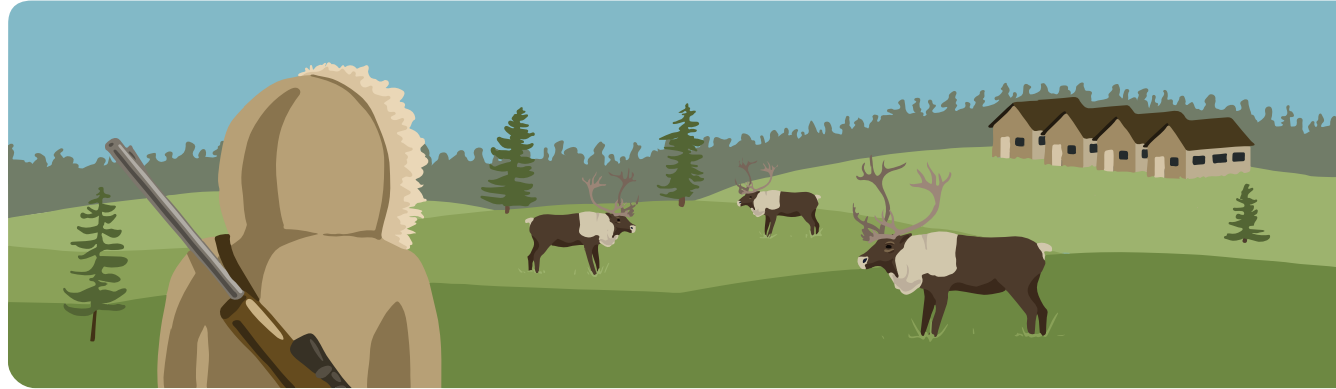
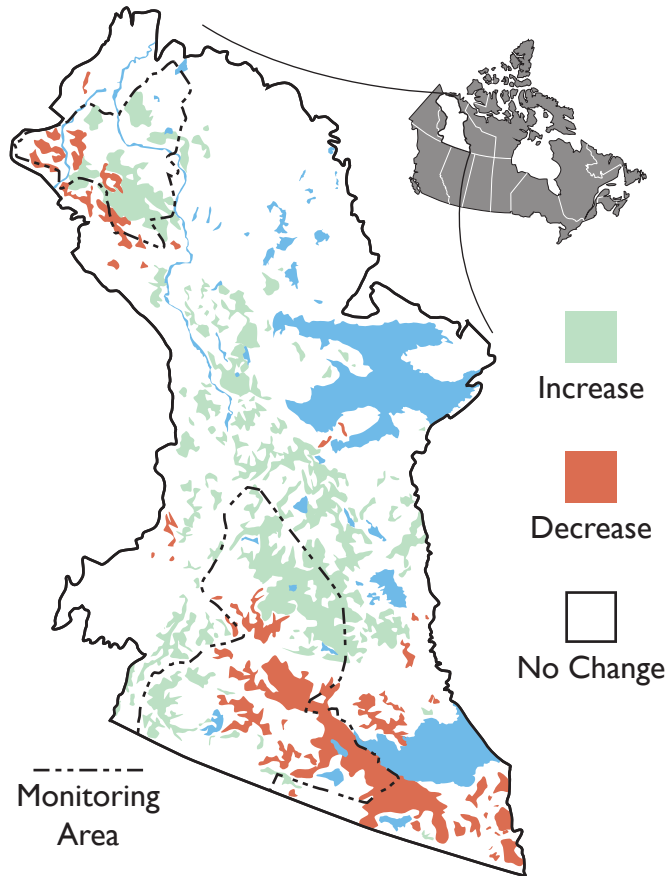


WHERE WILL NORTHERN BOREAL CARIBOU LIVE AS THE CLIMATE CHANGES?

Stewart, Micheletti, et al. 2023. doi: <https://doi.org/10.1002/eap.2816> Contact: fstewart@wlu.ca

- We combined models to forecast where and when caribou habitat and populations will change in the Northwest Territories.
- We quantified how certain these changes are with climate change.

PREDICTED CHANGE IN SUITABLE HABITAT



WE FOUND

- Boreal caribou habitat will shift north, but there are areas in the southwest NWT that will become more suitable.
- Caribou populations will continue on their current trajectories - some will remain stable, and some will continue to decline.
- Protecting and restoring northern boreal caribou habitat despite climate uncertainty is important for many regions and people.



2011 → 2100

DECREASES IN SUITABLE HABITAT ARE DUE TO CLIMATE AND WILDFIRE CAUSING FORESTS TO CHANGE.

infographic by jeffdixon.ca