Distribution of caribou in relation to anthropogenic disturbance in Alberta and British Columbia

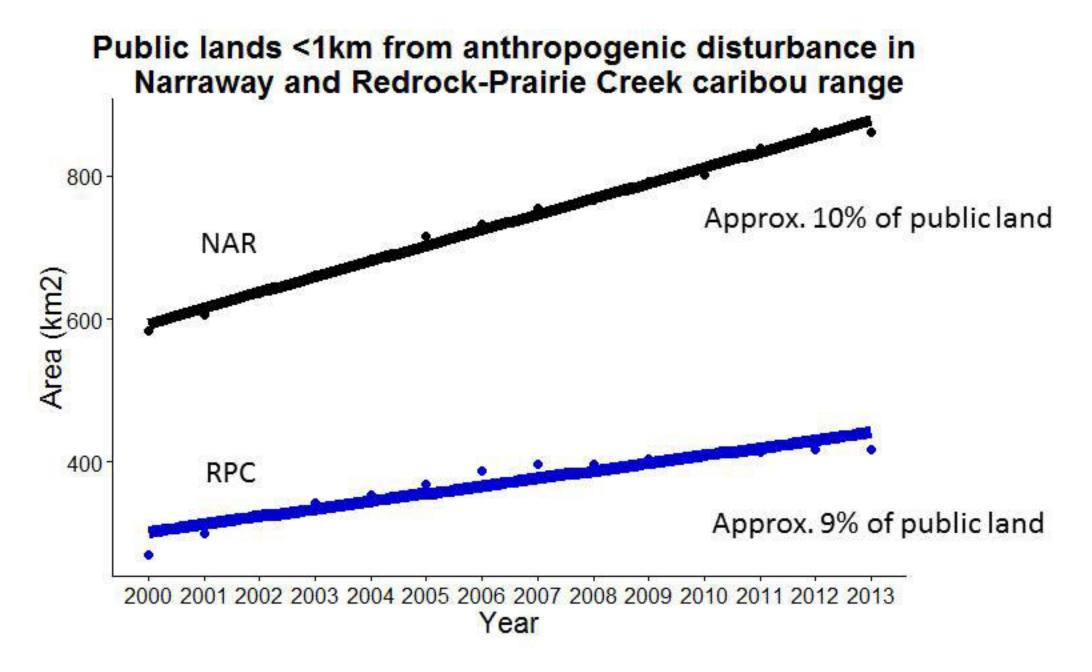


Doug MacNearney, Gordon Stenhouse, Laura Finnegan

Foothills Research Institute (fRI) is a leader in developing innovative science for land and resource management.



Anthropogenic Disturbance



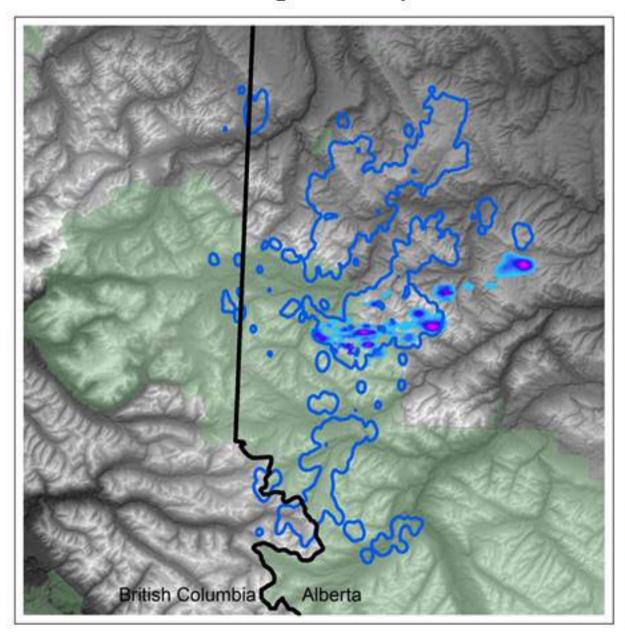
Rate = approx. 3% disturbed per decade

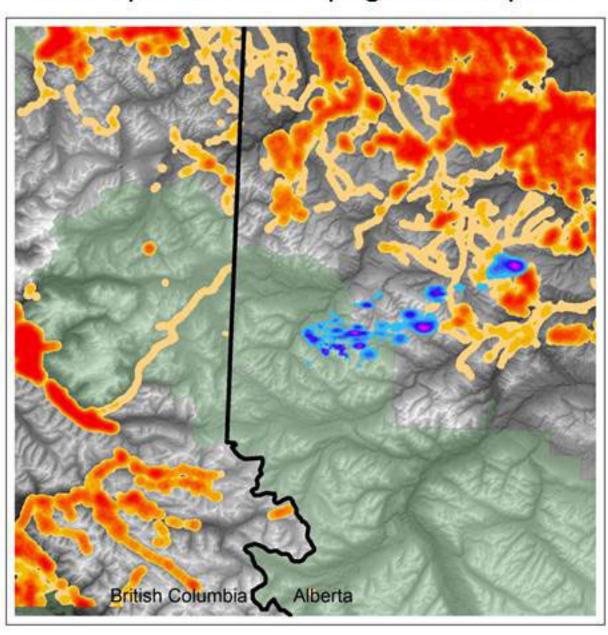
Results

Redrock-Prairie Creek; Early Winter 2011

Range fidelity

Overlap with Anthropogenic footprint



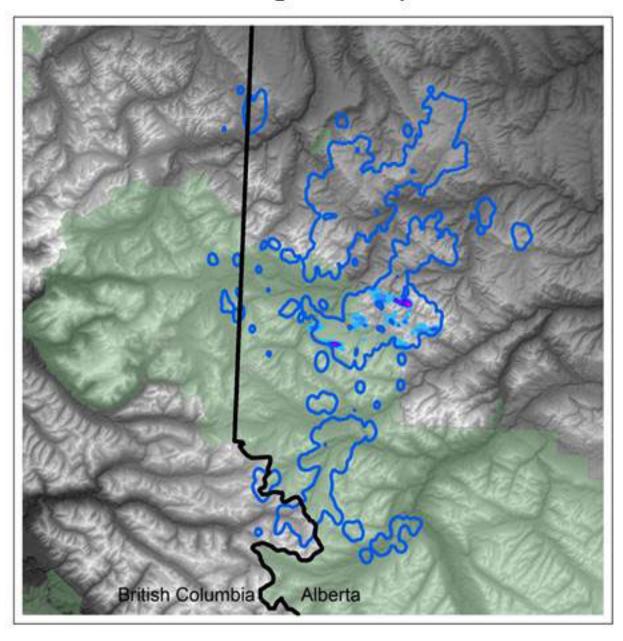


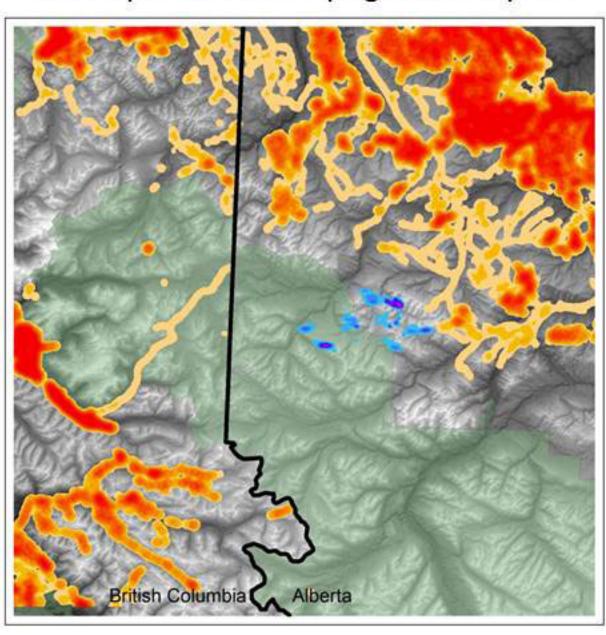
Results

Redrock-Prairie Creek; Early Winter 2013

Range fidelity

Overlap with Anthropogenic footprint





Thank you!















GIS assistance: Julie Duval, Kevin Myles, Joshua Crough

Data analysis: Laura Finnegan, Barry Nobert, Karine Pigeon, Terry Larsen, Tyler

Rudolph