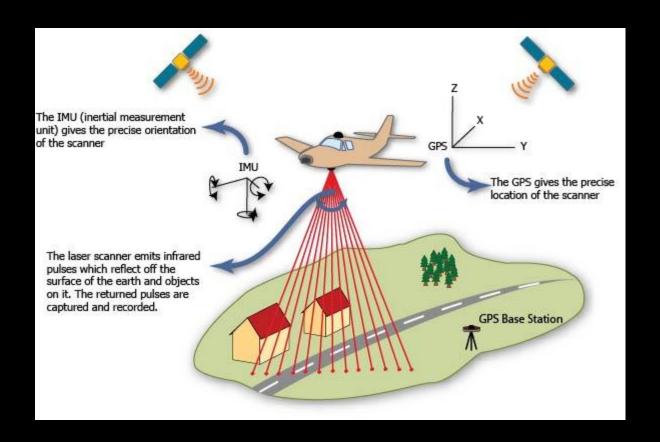


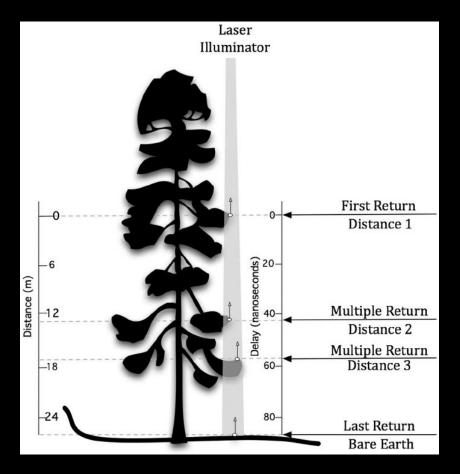
Dr. Mathieu Bourbonnais

Okanagan Water Stewardship Council

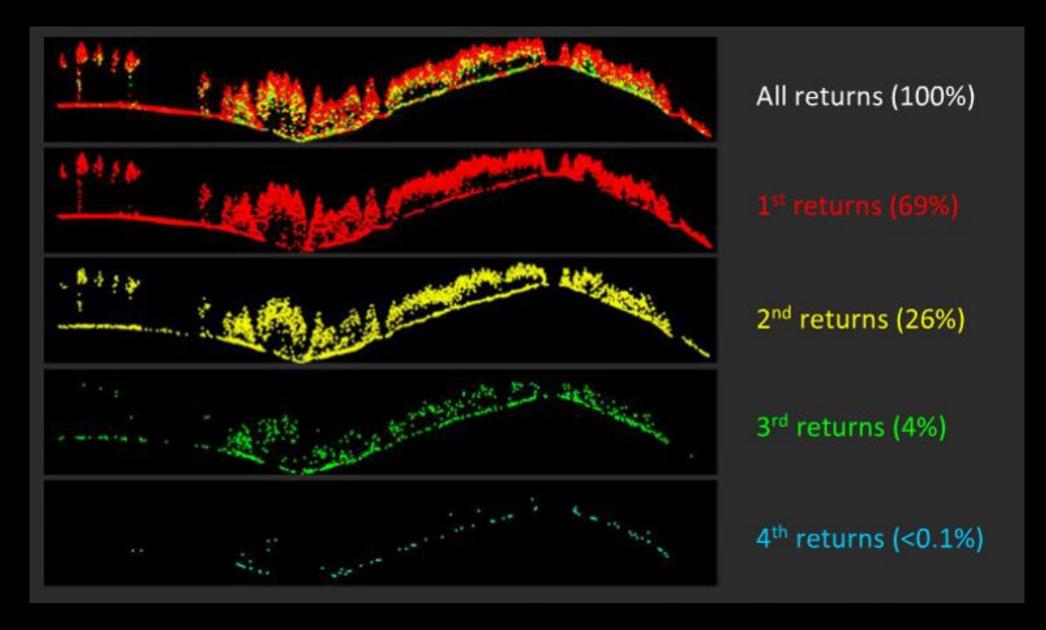
October 11, 2018

Lidar

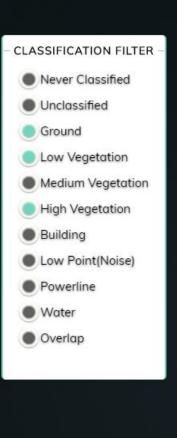




Garcia-Feced et al. 2011



Humboldt State University

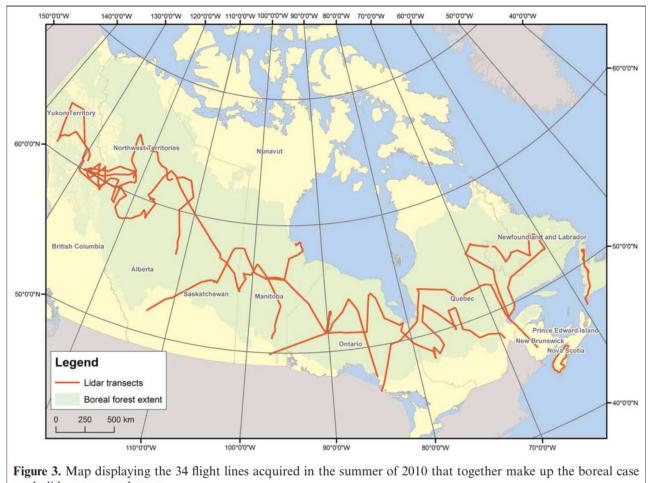


sampledata.phoenixlidar.com

potree.org

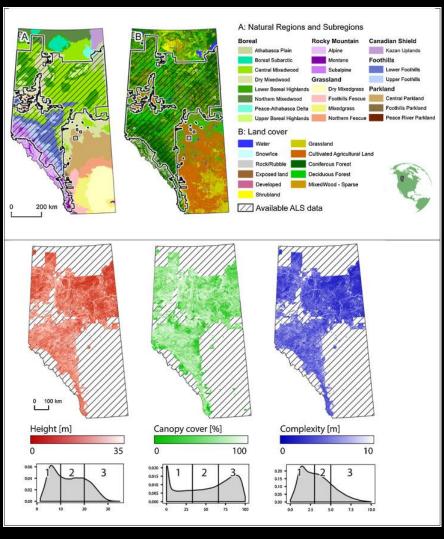






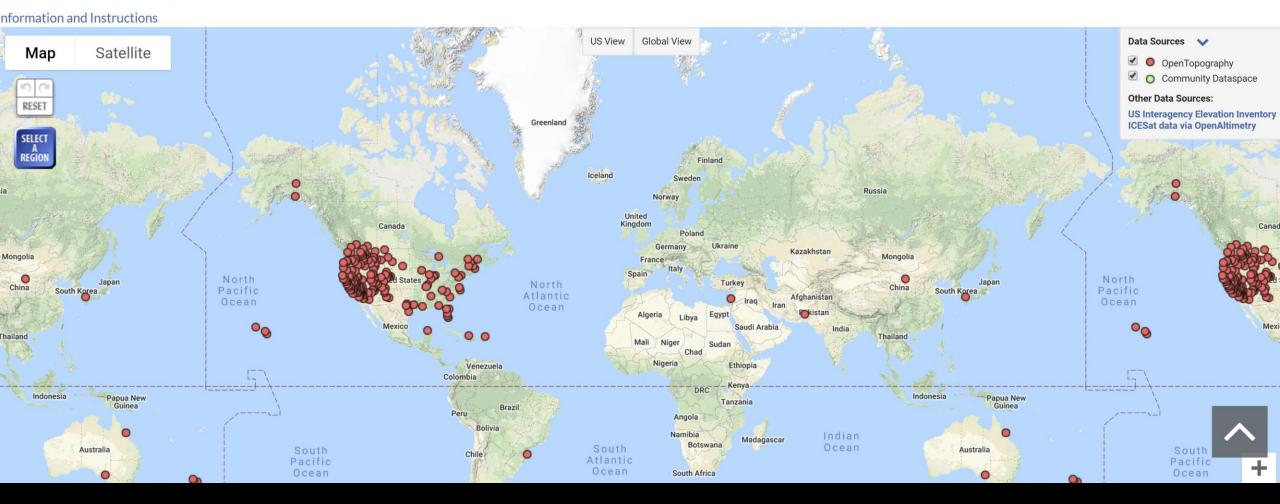
study lidar transect dataset.

Wulder et al. 2012

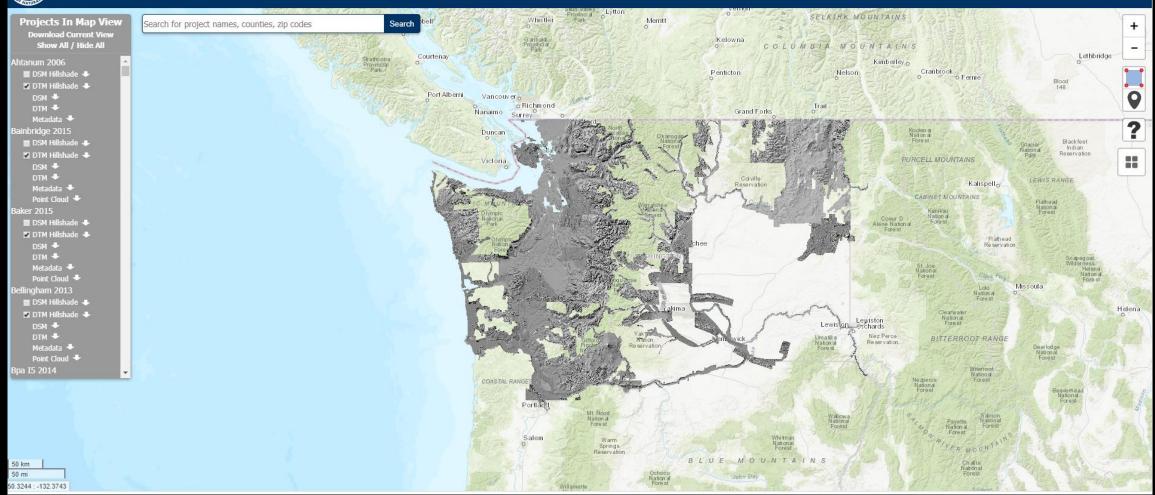


Coops et al. 2016

Find Topography Data









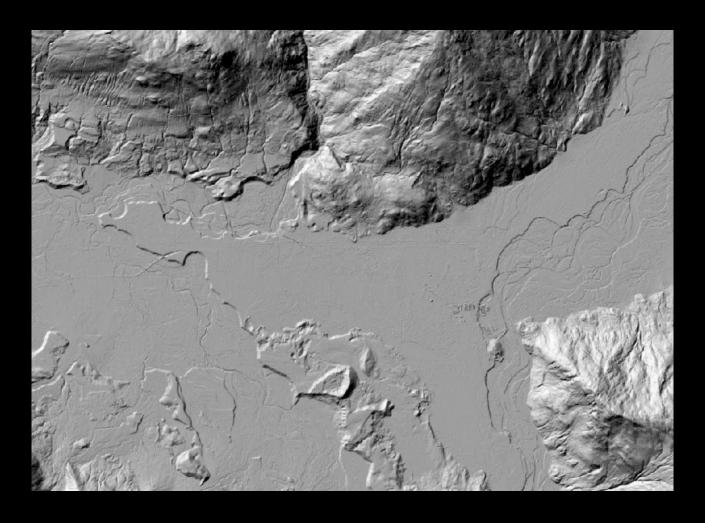


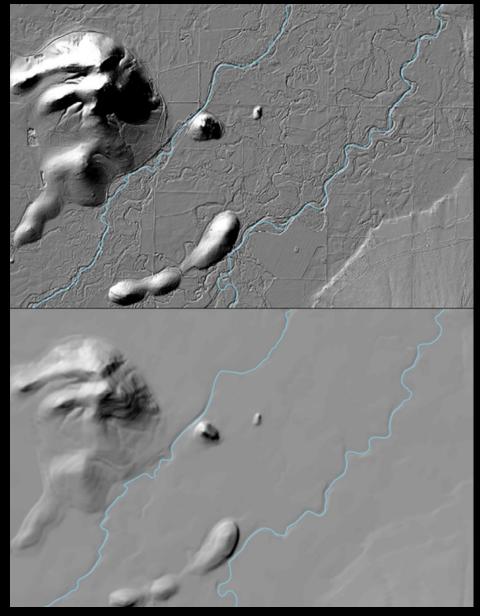


GOTRAM? And a BIG hard drive?

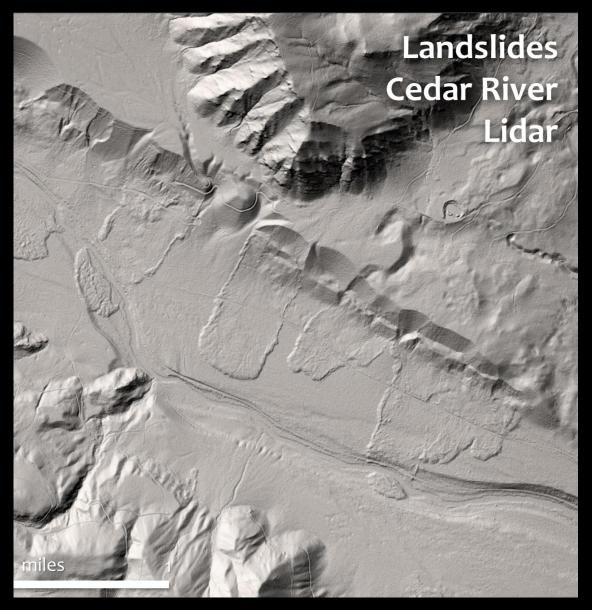


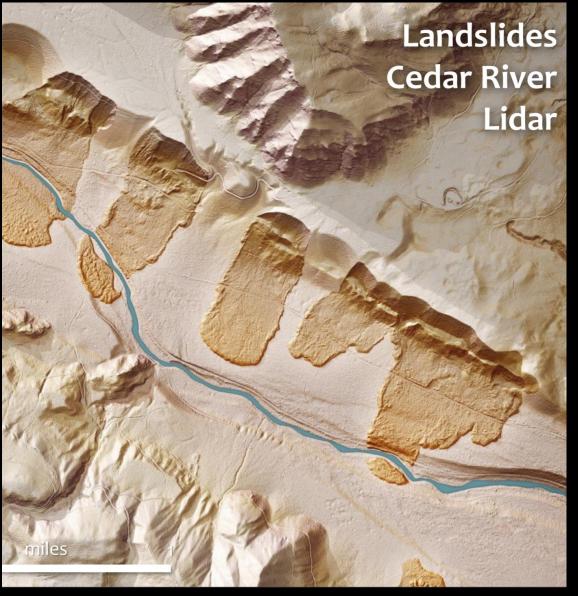




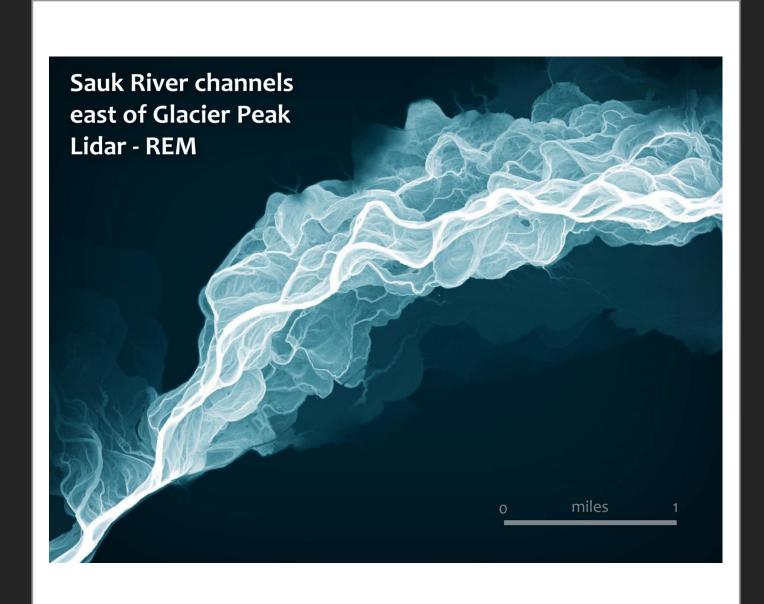


Stoker et al. 2016

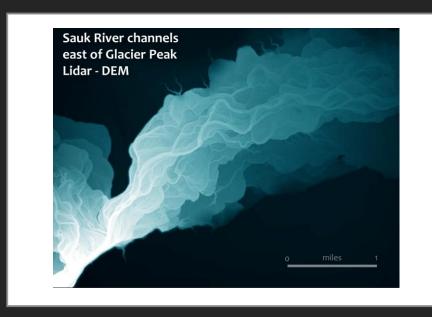




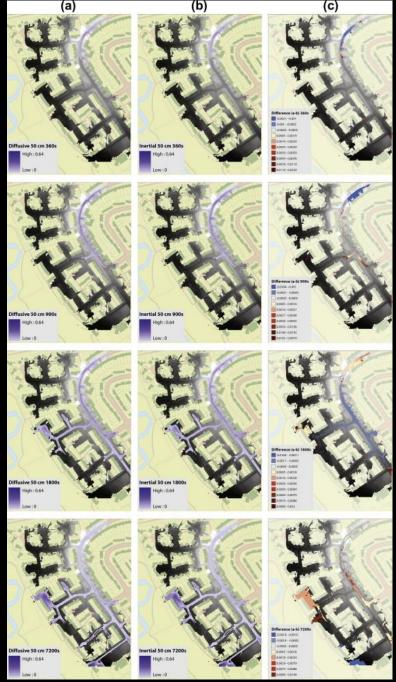
Coe 2016; Washington State Dept of Natural Resources







Coe 2016; Washington State Dept of Natural Resources

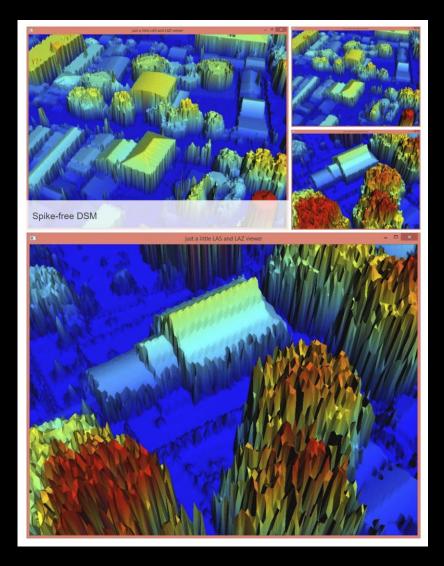


Fewtrell et al. 2011

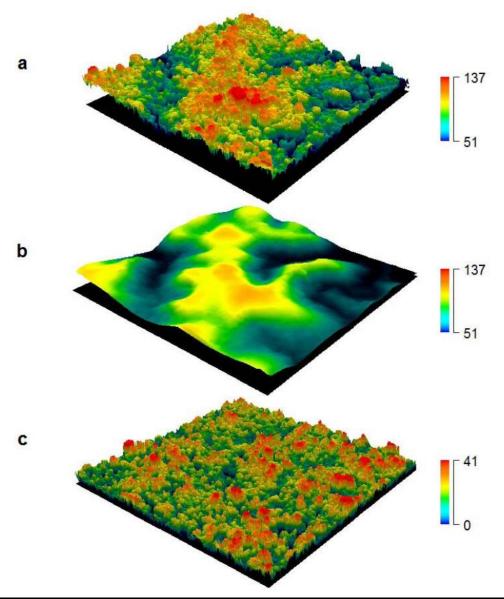




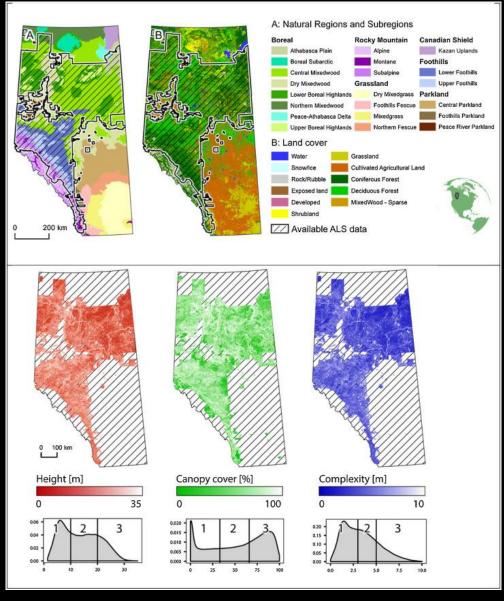


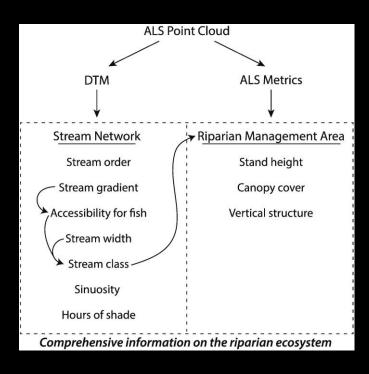


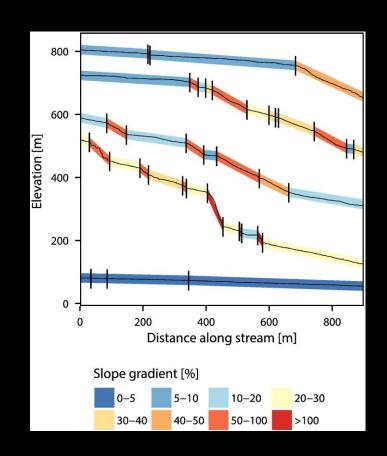
Rapidlasso.com

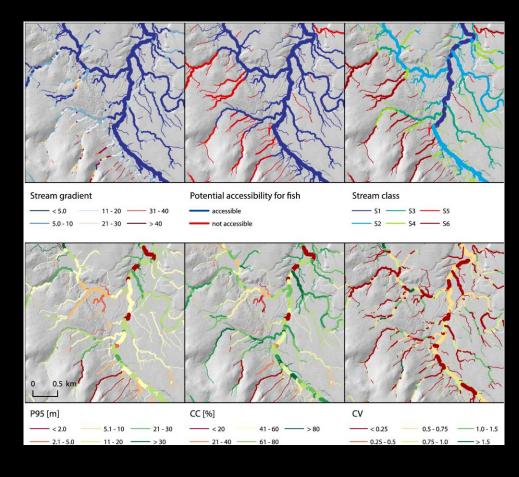


Kelner et al. 2009 Coops et al. 2016



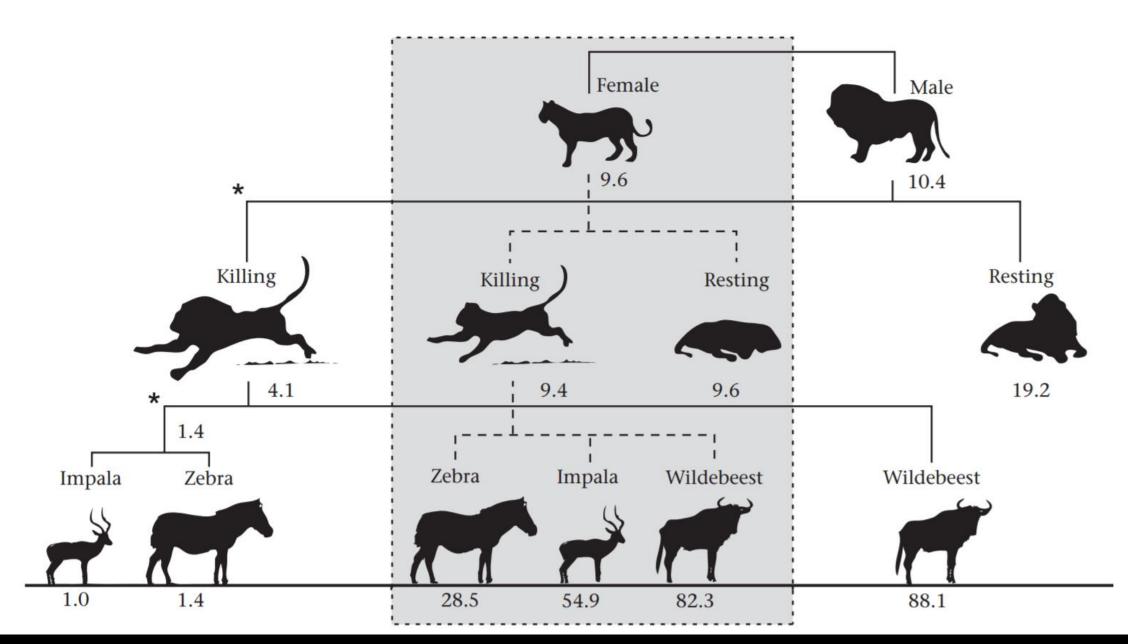


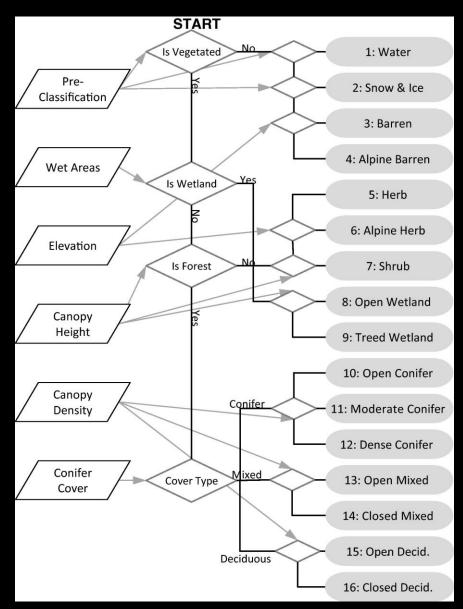




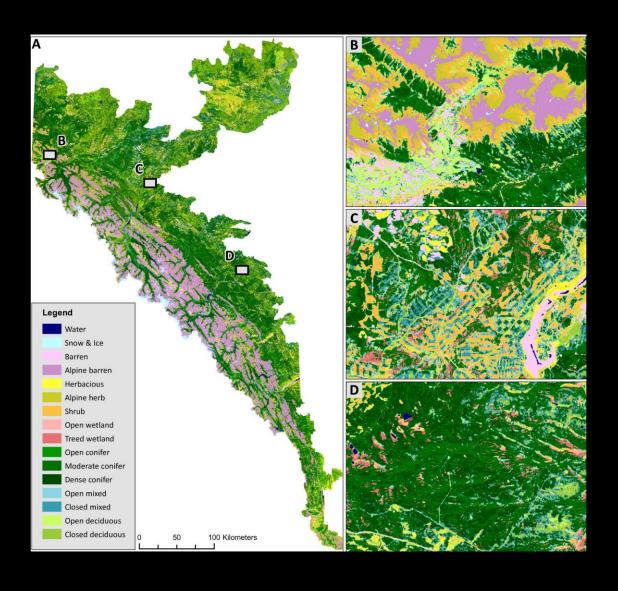
Tompalski et al. 2017







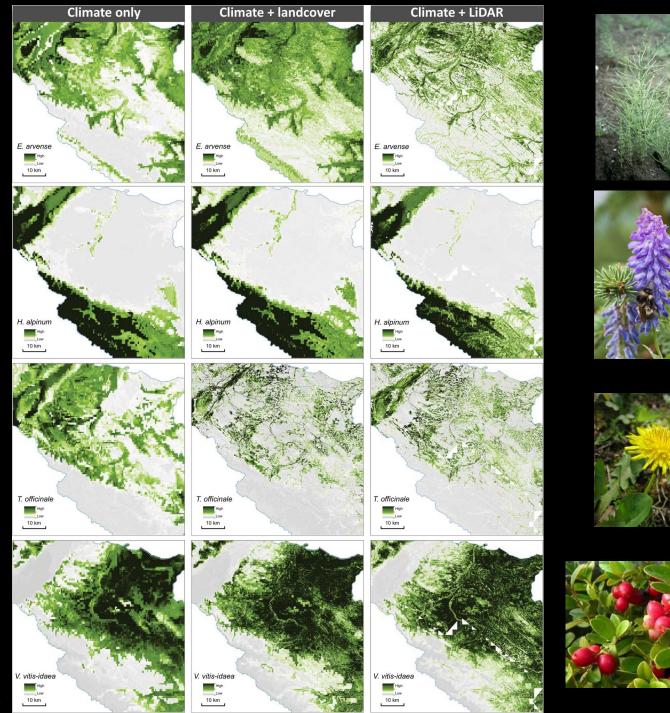
Nijland et al. 2015







Nijland et al. 2014









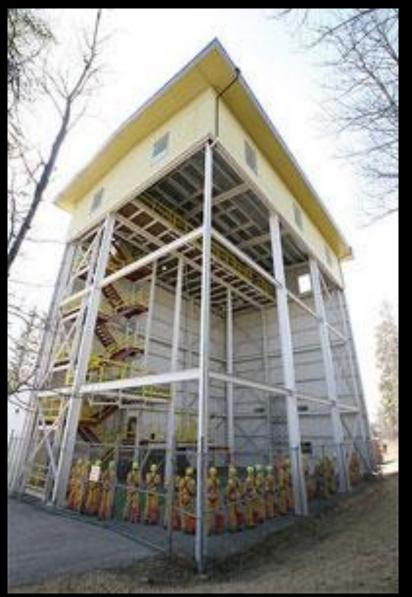
BCI - low BCI - moderate 1.00 -0.75 -0.50 -0.25 0.00 -1.00 -0.50 -0.25 -Behaviour Probability Foraging Active foraging Searching 0.50 -0.25 0.00 1.00 -0.75 -0.50 0.25 0.00 - 0 6 12 18 23 0 6 12 18 23 0 6 12 18 23 Time of day

fRI; Parks Canada

Bourbonnais et al. 2018

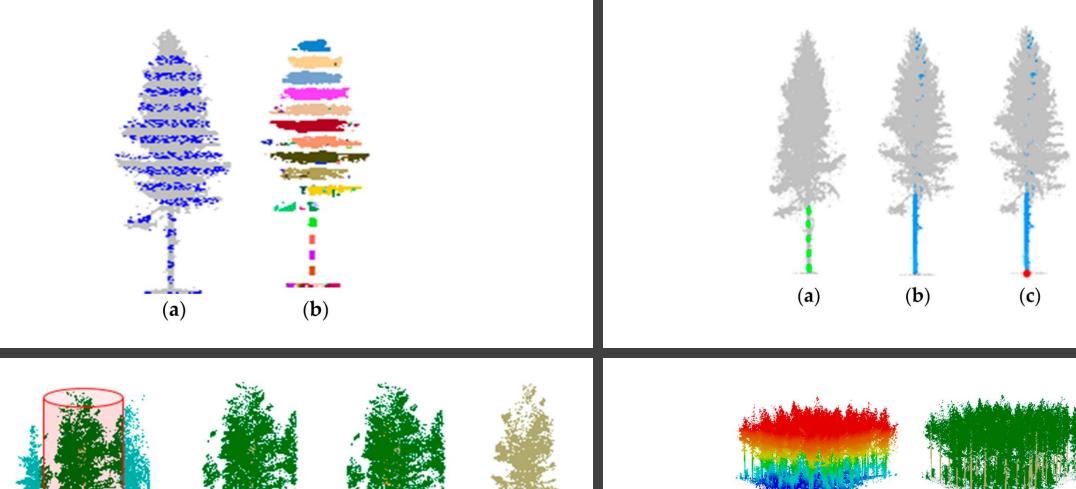


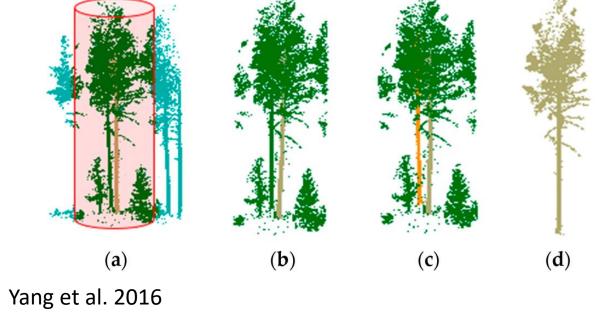


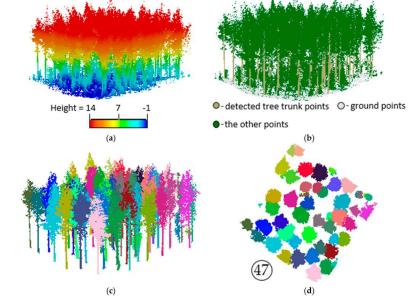
















O-detected tree trunk points O-ground points Height = 14 the other points (c) Yang et al. 2016

