

WEB CONFERENCE

FOREST OPERATIONS PROGRAM 2018-2019

Thursday : 1-2 PM, Eastern Time
10-11 AM, Pacific Time

Overview of Enhanced Forest Inventory Research in Newfoundland

Date: February 7th 2019

With: **Olivier R. van Lier**, Geospatial Research Assistant, Canadian Wood Fibre Centre
Joan E. Luther, Research Scientist, Canadian Forest Service



The way we inventory our forests is changing. The Canadian Wood Fibre Centre and the Canadian Forest Service are working together with provincial governments, as well as industrial and academic partners, to develop and refine enhanced forest inventory systems. A wide range of forest inventory attributes can be mapped at operational scales using airborne laser scanner (ALS) data. With increasing technological advances in ALS systems, acquisition costs are decreasing making operational application more feasible. We first explore the effect of one of these advances, increased scan angle, on the error of ALS-based predictions of forest attributes. We then demonstrate an approach for large-area mapping using ALS, satellite, and environmental data; suitable when wall-to-wall ALS coverage is logistically challenging or cost prohibitive.

For Information

Contact the following individuals, based on your region:

Quebec Guyta.mercier@fpinnovations.ca	Ontario Glen.Prevoost@fpinnovations.ca	British Columbia Colin.Koszman@fpinnovations.ca
Atlantic Anne.LebrunRuff@fpinnovations.ca	Alberta Mark.Kube@fpinnovations.ca	British Columbia David.Belyea@fpinnovations.ca

