**AWARE RESEARCH SHOWCASE DAY**

**June 7th, 2018**

The AWARE Research Showcase highlights the findings from the first three years of AWARE research.

AWARE is a five year CRD industrial/government partnership that is researching the use of LiDAR and other remote sensing technologies for forest resource inventory management.  AWARE is investigating twenty five research questions grouped into three spatial themes and a fourth theme for research questions that are applicable to all the spatial themes.

**Theme 1 – Broad Scale**

* + - * Ecological Driver Impacts
      * Structural Variability and Wood Properties
      * Sampling Approaches

**Theme 2 – Stand Scale**

* + - * Structural Metrics
      * Hydrological Mapping and Productivity
      * Growth Rates
      * Modelling Site Classification, Habitat and Health

**Theme 3 – Individual Tree Scale**

* + - * Growth Assessment
      * Tree Attribute Extraction and Metrics

**Crosscutting Theme – Research that affects all Scales**

* + - * Species Assessment
      * Data Acquisition
      * Best Practices

The morning presentations will provide an overview of AWARE research objectives and discuss data collection and research activities for the last three years. These presentations will be followed by a lightning round of two minute introductions for all the researchers who are currently active.

The afternoon combines a research poster session with technical talks on selected AWARE research topics. The poster session is an excellent opportunity to talk one-on-one about leading edge research in this dynamic field. For more information on AWARE, please visit our website at aware.forestry.ubc.ca

**Agenda**

8:00 Registration, coffee

8:30 Opening Remarks – General Overview of AWARE

8:45 AWARE Research Themes, Data Collection Objectives and History

9:00 AWARE Core Sites Questions and Data Collection Efforts

10:30 coffee break

10:45 Cross cutting themes

11:15 Poster Session – Lightning Introductions

12:00 Lunch

1:00 Selected Topics

2:30 AWARE II – research continuation

3:00 Closing Remarks

3:30 Session Wrap-up