**The Interagency Ecosystem Lidar Monitoring Program - Automated TLS Forestry and Structural Ecology Processing and Modelling**

**Workshop Overview:** The Interagency Ecosystem Lidar Monitoring Program (IntELiMon) streamlines data collection, analysis and delivery, removing observer bias, and developing training pathways to improve ecological monitoring. The result is a TLS-based monitoring program that can complete a monitoring plot in minutes with the push of a button. This data can then be uploaded for processing and data delivery in under 24 hours. Attendees will explore the extraction of structural variables applicable to forestry, ecological, and fuels modeling, and discuss how these methods can be implemented for their research.

**Agenda**

0900-0915 Introduction

* Welcome and objectives
* Background and content

0915-1015 Technical Details

* Field data collection practices
* Automated data processing
* Available training
* Detailed metrics
* Data accessibility and integration

1015-1045 Coffee Break

1045-1115 Applications and case studies

* Fuels and forestry applications
* Wildlife and ecology case studies

1115-1145 Hands-on predictive modeling activity

* Model building data setup
* Model training exercise

1145-1200

* Solicit participant feedback
* Closeout and adjourn