

# 2017 Binational Great Lakes Remote Sensing Remote Sensing Applications in Forestry Workshop

Thursday September 21, 2017; 9:00AM – 4:00PM  
University of Minnesota, Cloquet Forestry Center Auditorium  
175 University Road, Cloquet, MN 55720  
Phone: 218-726-6400  
<https://cfc.cfans.umn.edu>

The U of MN Cloquet Forestry Center is located just west of the Cloquet Airport



**Objectives:** This workshop is to display, demonstrate, and discuss remote sensing technologies for forest resource management. This workshop is part of the ongoing 'Spotlight Series' on remote sensing technologies held by the American Society for Photogrammetry and Remote Sensing (ASPRS) through the Western Great Lakes region, in collaboration with the Canadian Remote Sensing Society, the Geospatial Information Technology Association, and the Canadian Consulate Office to promote remote sensing technologies. Support for the conference room, lunch and refreshment expenses, and online meeting broadcasting and recording comes from a 2017 USFS State & Private Forestry Landscape Scale Restoration grant to the Minnesota Department of Forest Resources, Resource Assessment unit, titled *Our Dynamic Forest Canopy: Continuous Satellite Mapping of Minnesota's Forests in Three Dimensions*.

Register here: <https://www.eventbrite.com/e/remote-sensing-applications-in-forestry-workshop-tickets-37213042211?utm-medium=discovery&utm-campaign=social&utm-content=attendeeshare&aff=escb&utm-source=cp&utm-term=listing>

Attend online (make sure you test your connection prior to the event):  
<https://usfs.adobeconnect.com/na-spfo/>



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## AGENDA (Workshop located in the Main Auditorium)

- 9:00am Welcome and Introductions – Jennifer Corcoran, MN DNR Resource Assessment
- 9:15am Photon Counting Lidar Project for Enhancing Forest Inventory – Scott Hillard, MN DNR Resource Assessment
- 9:45am Canadian Forestry Remote Sensing Programs – Alex Bilyk
- 10:30am Break
- 10:45am Fire Fuel Moisture Remote Sensing – Dr. Laura Chavez, MTRI
- 11:15am Forestry UAS Applications - Dan Heins, UMN RSGAL UAS
- 11:45am UAS demonstration outside in the parking lot, weather permitting.
- Noon Lunch – Dining Hall
- 1:00pm Surface Vegetation Mapping - Paul Morin, UMN PGC
- 1:30pm An Object-Based Approach for Mapping and Monitoring our Forests – Keith Pelletier, UMN
- 2:00pm USFS LSR Grant Kick-off – Dr. Jennifer Corcoran, MN DNR RA
- 2:15pm Break
- 2:30pm Private, industry, county, tribal, state, feds panel discussion:  
Eric Gdula, USFS Superior NF  
Mark Nelson, USFS NRS FIA  
Scott Hillard, MN DNR RA  
Thomas Howes, FDL Resource Management  
Alex Bilyk, Lakehead University & Canadian Forest Industry  
David Wilson, University of Minnesota
- 3:45pm Wrap-up – Next Steps

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COLLABORATORS:



<http://wgl.asprs.org/>



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