 **Graduate Research Assistantships in Remote
Sensing Forest Inventory and Carbon Monitoring**

The School of Forest Resources at the University of Maine is currently recruiting potential students for graduate research assistantship positions (M.S. and PhD) in remote sensing of forests. This represents an exciting opportunity for skilled and motivated students to gain experience in – and contribute to – high level science and state-of-the-art applications in the development and use of remote sensing technologies for enhanced forest inventory and carbon monitoring. The students' research will focus on synthesis, integration, and modeling of data from *in situ* plot networks with multi-scale remote sensing, including digital aerial photogrammetry, airborne and spaceborne lidar, and optical / hyperspectral imagery. Students will join the Wheatland Geospatial Laboratory and have the opportunity to work collaboratively with investigators and other students from larger project teams at partner universities and research laboratories.

To fill these assistantships, we seek highly qualified students with strong quantitative science backgrounds, keen interest in the geospatial aspects of broad-scale ecosystem science, and an eagerness for scientific research. The ideal candidate will possess the following qualifications: a B.S. or M.S. degree in ecology, forestry, or equivalent natural resources discipline, with a computer science or statistics focus; appropriate understanding of climate change and carbon cycle science; strong scientific programming experience and aptitude; an ability to work productively both independently and as a team member; and a disposition toward high quality written and oral communication.

The assistantships include a full stipend, student health insurance, and tuition paid for the graduate program at the University of Maine. The state's Land Grant, flagship campus is located in the town of Orono, which provides a marvelously unique lifestyle in a beautiful part of the world, including access to some of the country's finest, four-season outdoor recreation opportunities.

To express interest, email a 2-page CV and unofficial college transcripts, along with a cover letter, to:
Daniel Hayes
Associate Professor, School of Forest Resources
daniel.j.hayes@maine.edu
Director, Wheatland Geospatial Laboratory
@WheatlandLab

The University of Maine does not discriminate on the grounds of race, color, religion, sex, sexual orientation, including transgender status and gender expression, national origin, citizenship status, age, disability, genetic information or veteran status in employment, education, and all other programs and activities. The following person has been designated to handle inquiries regarding nondiscrimination policies: Director, Office of Equal Opportunity, 101 North Stevens Hall, 207.581.1226.