Seeking M.S. student in Forest Ecology and Simulation Modeling
Portland State University
Department of Environmental Science and Management

Applications are invited for the position of a M.S. student to use a forest landscape simulation model to answer questions about how anticipated changes in precipitation and drought will affect species composition and carbon storage in central MN. This is a great opportunity to work in a collaborative working environment at the forefront of climate change science, ecology, and computer science. The individual will work on a USDA-funded project which focuses on the long-term sustainability of forest resources in central Minnesota given concerns about disturbances (like fire and insects) and climate change. The chosen candidate will collaborate with Drs. Scheller and Lucash at Portland State University (PSU) but will also work closely with US Forest Service scientists in WI and forest managers in MN and WI.

Qualifications: The ideal candidate will have a BS in forest ecology, ecology, forest management or a related field. The candidate should possess excellent communications skills and have a strong interest in working with a team of scientists. Demonstrated experience working with forest landscape models is desirable. Departmental qualifications must also be met, so potential students should look at the application guidelines for the graduate program at PSU ([http://www.pdx.edu/esm/prospective-grad-students](http://www.pdx.edu/esm/prospective-grad-students)).

The position comes with a generous stipend and tuition remission and is available in the fall of 2013 for a period of 2 years. Applications will be accepted until January 1st, but preference will be given to those received before December 1st.

To Apply
Applicants should send a resume, letter of interest describing your experience and qualifications, and contact information for three references to Dr. Melissa Lucash at [lucash AT pdx.edu]. The candidate will be joining an exciting lab ([https://sites.google.com/a/pdx.edu/dynamic-ecosystems-landscape-lab/](https://sites.google.com/a/pdx.edu/dynamic-ecosystems-landscape-lab/)) and department ([http://www.pdx.edu/esm/](http://www.pdx.edu/esm/)) with numerous opportunities to enhance their career by working with ecologists and other computer scientists.

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Portland is a vibrant, multicultural city that is consistently ranked one of the most livable places in the US. Portland State University is a vital component of the city, drawing students from all over the world to study, renowned for the civic engagement and environmental awareness of the university community ([http://www.pdx.edu/about-portland-state](http://www.pdx.edu/about-portland-state)). In particular, the Department of Environmental Science and Management plays a critical role in environmental education and research in the region, developing inter-disciplinary research teams and collaborations with a vast array of partners.
Portland State University is located in downtown Portland, the major urban center of Oregon. Adjacent to the University is the Portland cultural district, home to the Oregon Symphony, the Portland Center for the Performing Arts, the Portland Art Museum, and the Northwest Film Center. The variety of outdoor activities convenient to the city is unsurpassed. Hiking, mountain biking, skiing, windsurfing, and kayaking are popular outdoor activities accessible within minutes of Portland. The rugged Cascade and Coast mountain ranges provide hundreds of miles of trails.

Portland State University is an Affirmative Action, Equal Opportunity Institution and welcomes applications from diverse candidates and candidates who support diversity.