

The Malmstrom Ecology Lab at Michigan State University has an opening for fall 2015 for a PhD student interested in applying remote sensing and geospatial analysis to questions in plant and landscape ecology. The Malmstrom Lab (www.facebook.com/MalmstromEcologyLab) is based in MSU's Department of Plant Biology (<http://www.plantbiology.msu.edu/>) <<http://www.plantbiology.msu.edu/>> and affiliated with the Center for Global Change and Earth Observations, which conducts research on the effects of human use of land on the environment from local to global scales.

Research in the Malmstrom Lab examines the ecology and restoration of working landscapes that both produce human-valued commodities and support natural populations and ecological processes. Recent work includes projects that examine the influence of disturbance regimes on the temporal and spatial dynamics of invasive species, the response of grasslands to annual variability in precipitation, and the influence of anthropogenic changes in vegetation properties on the dynamics of microbes and butterflies. For an introduction to the lab's work with microdrones, please see <<https://www.youtube.com/watch?v=ArsLT5w8j0U>>

The MSU campus is located in East Lansing, MI, a friendly city with easy access to outdoor resources and cultural activities. As the nation's first land grant institution, MSU is a leader in the plant and environmental sciences with considerable resources for research, from top-class genomics facilities to the internationally renowned W. K. Kellogg Biological Station.

For more information, please contact Dr. Carolyn Malmstrom at carolynm@msu.edu. To apply to MSU's Plant Biology Graduate Program, please see <http://plantbiology.msu.edu/graduate-program/how-to-apply>. Initial evaluation of applications for fellowships begins December 1.

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