Postdoctoral Associate: Climate Change and Species Interactions. We seek a highly motivated postdoctoral associate with experience in spatio-temporal modeling, data management, and community ecology. The research project focuses on predicting the effects of climate change on ecological communities, and specific goals include: 1) developing spatio-temporal models over recent history that account for interactions among birds, insects, trees, disturbance regimes, LULCC, and climate across forests of the continental United States, and 2) applying climate change scenarios to project changes in community composition. The postdoctoral associate will be expected to manage and analyze large spatial and temporal data sets and will work collaboratively with Drs. Phoebe Zarnetske and Andrew Finley to develop the models, carry out analyses, and write manuscripts and proposals. Expected start timeframe is September 2014-January 2015.

Applicants must hold a PhD in ecology, geography, forestry, statistics, or related field by the start of the position. Applicants must have a strong background in ecology, modeling, R, GIS, and writing, and experience with Bayesian models and collaborative research.

This position is based at Michigan State University (MSU) with competitive salary and excellent health benefits. This is a full-time, 12-month, fixed-term position, with reappointment conditional on satisfactory performance. Funding is available for 2 years.

To apply, email as a single PDF: 1) a cover letter (2-pg max) with your research interests and qualifications for this position, 2) CV, 3) list of 3 references with contact information, and 4) 1 recent first-authored publication, to: Dr. Phoebe Zarnetske, Department of Forestry, MSU: plz [at] anr.msu.edu. Application review will begin May 2, 2014 and the position will remain open until filled.