

From: Brady Hardiman
Subject: Postdoctoral Position: Remote sensing of forest ecosystems

Remote sensing of forest canopy influences on ecosystem processes: The [Hardiman Lab](#) in the [Department of Forestry and Natural Resources](#) (FNR) at Purdue University seeks a highly motivated, well-organized postdoctoral associate with strong remote sensing skills to work on NSF funded interdisciplinary projects ([Award #1550639](#) and [Award #1638702](#)). The postdoc will conduct research primarily focused on forest canopy structural influences on ecosystem processes (e.g., carbon cycling, plant invasion). The postdoc will be responsible for analyzing data from a variety of sources including terrestrial, aerial, and satellite remote sensing systems.

Candidates must have a PhD, preferably in forest ecology or a related field. Candidates with a publication record demonstrating experience combining remote sensing methods (Landsat, MODIS, lidar) and ecological field work to address research questions will be especially competitive. In addition to analysis of remote sensing data, this position may require some travel during the field season to collect additional site-level ecological data. Excellent programming and analytical skills in R are highly desirable. The postdoc will assume a leadership role in publishing project results and must have strong written and oral communication skills. Purdue and FNR are committed to increasing diversity and we encourage applications from women and minority scholars.

Review of application materials will begin on December 19, 2016 and continue until the position is filled. Salary starts at \$48K with benefits. The position is fully funded for two years with an initial appointment of 12 months and the option to extend the appointment based on acceptable annual progress. The person selected for this position will have the opportunity to collaborate with a group of researchers at several institutions including [Dr. Songlin Fei](#) at Purdue, [Dr. Chris Gough](#) at Virginia Commonwealth University, and [Dr. Robert Fahey](#) at University of Connecticut. Purdue Department of Forestry and Natural Resources is nationally ranked (7th overall in Forestry and Forest Science and 13th overall in Ecology and Evolutionary Biology, 2010 NRC rankings).

For inquiries or to apply, please send a single PDF with a cover letter, CV, contact information for three references, and two relevant publications or manuscripts to Dr. Brady Hardiman (bhardima@purdue.edu). *Purdue University is an equal access/equal opportunity employer.*