

## Postdoctoral Research position in remote sensing of vegetation health and invasive pest movement

The Couture lab of plant-insect chemical ecology and vegetation spectroscopy at the Purdue University (<http://couturelabpurdue.weebly.com/>) is recruiting a full-time postdoctoral research position to contribute to projects related with the use of multiple forms of spectral data to understand vegetation health and quality and invasive pest movement. The successful individual will have opportunities to collaborate with individuals from a diverse background of research of within the Digital Forestry group at Purdue (<https://ag.purdue.edu/digital-forestry/>) and resources at Purdue related with high throughput plant phenotyping. Responsibilities will include processing and analysis of remote and proximal sensed data from different forms of collection (contact, UAV, and satellite based), developing models relating spectral data with vegetation health and quality, and probability models for species distributions. Preparing peer-reviewed publications and presentations at scholarly meetings are expected. Ideal candidates will have a PhD in remote sensing, with an interest in plant physiology, or related discipline. A background in statistics, quantitative skills, and programming are required. Evidence of verbal and written communication skills and peer-reviewed publications are expected. Position is currently for one year and can start immediately. Salary will be competitive and commensurate with experience and position extension will be dependent on performance and available funding. To apply, please send a cover letter including summary of applicants research experience and earliest starting date, CV, and contact information for three references to Dr. John Couture ([couture@purdue.edu](mailto:couture@purdue.edu)). For further information related with this position, please contact [couture@purdue.edu](mailto:couture@purdue.edu).