Description: We invite applications for a Ph.D. or M.Sc. position in the field of remote sensing at Oklahoma State University. The successful candidate will use airborne and spaceborne hyperspectral data (from DLR’s DESIS sensor), as well as in-situ measurements (functional traits and species diversity) to (1) map grassland diversity and (2) detect the spread of an invasive alien species in the Joseph H. Williams Tallgrass Prairie Preserve. The position will be housed in the Department of Geography at Oklahoma State University. The target start date is January 2022.

Qualifications: Applicants with a master’s or bachelor’s degree (at the time of appointment) in physical sciences (remote sensing, ecology, environmental science, geography, plant biology), engineering (environmental, optical), or other related fields with relevant research or work experience (e.g. hyperspectral remote sensing, landscape ecology, spatial modeling) are encouraged to apply. Programming is expected to be the core for remote sensing data analysis. Therefore, having previous experience and knowledge on how to code (e.g. MATLAB, Python, R) is ideal. Familiarity with shell scripting, Linux command line tools, and high performance computing for image processing will be ideal (but not necessary). Ability to work independently and excellent written and oral communication skills will be desirable.

To Apply: If interested in the position or for more information, please contact Dr. Hamed Gholizadeh (hamed.gholizadeh@okstate.edu) and include your CV, a brief cover letter explaining your research and career interests, and a list of three references. Review of the applications will begin immediately and will continue until position is filled. A full application to the Graduate College will be required for an official offer to be made. More information can be found at https://geog.okstate.edu/programs/graduate-program/application-procedures

We are committed to a policy of equal opportunity for all individuals and do not discriminate based on race, religion, age, sex, color, national origin, marital status, sexual orientation, gender identity/expression, disability, or veteran status with regard to employment, educational programs and activities, and/or admissions. For more information, visit https://eeo.okstate.edu.