

## PhD Graduate Assistantship Precision Agriculture

*Department of Crop and Soil Sciences  
Washington State University, Pullman, WA*

### **Description of the Opportunity:**

One PhD research assistantship in Soil Science is available in the Department of Crop and Soil Sciences at the Washington State University, Pullman, WA. The project focuses on developing variable rate management strategies and economical evaluations using on-farm precision experiment, cutting-edge digital agricultural technologies, and big data and machine learning. The selected applicant will work with a multistate team on conducting on-farm experiment and data analysis, developing decision-support tools as well as participating extension activities.

### **Desired Qualifications:**

The applicants must have a B.S. degree (M.S. preferred) in Precision Agriculture, Mathematics, Statistics, Computer Science, Soil Science, Agronomy, Environmental Science, or closely related fields. Applicants should also have excellent oral and written communication skills. Student will be required to drive long distances to field locations, therefore, the student should have a valid driver's license and obtain Washington driver's license shortly after arriving at WSU Pullman campus. Preference will be given to applicants with experience and interests in GIS, remote sensing, and big data analysis. The selected applicant will be expected to publish research findings and present in public settings.

### **Contact:**

Please contact Dr. Haiying Tao [haiying.tao@wsu.edu](mailto:haiying.tao@wsu.edu)

### **Apply:**

Interested persons should apply to the Department of Crop and Soil Sciences (CSS). Please visit CSS at <http://css.wsu.edu>. The priority application deadline for Fall 2021 entry is January 8, 2021.

**Assistantship Details:** Graduate assistantships (research and teaching) are formal half-time, academic-year appointments accompanied by a summer stipend, with annual compensation of \$22,572 (MS) or \$23,754 (PhD). Graduate assistants also receive tuition waivers, as well as comprehensive health (medical/dental) insurance, and are eligible for additional support through scholarships, fellowships and travel grant awards. Qualifying recruits may be eligible for the **prestigious ARCS fellowship** of \$17,500 beyond the base assistantship stipend.

