

Agency: Purdue University Department of Forestry and Natural Resources

Location: Remote

Job Category: Temporary

Salary: \$15.00/hr

Start Date: As soon as possible

Description: The analyst will gather land use data in the Blue River-Sinking watershed as well as a portion of the Silver-Little Kentucky watershed for the Farmers Helping Hellbenders project. Farmers Helping Hellbenders is a conservation farming payment reimbursement program administered through the Natural Resources Conservation Service, Purdue University, and 14 other partnering organizations. The project seeks to improve water quality for the endangered Eastern Hellbender salamander by implementing best management practices that reduce sedimentation and nutrient/pesticide runoff. Increasing forested/vegetative buffers adjacent to waterways is key in improving water quality and will be a focus of the program in the future. This position will quantify the amount of land available in the project area to receive streamside forested buffers using aerial imagery, land use maps, and basic GIS and measuring tools (buffer, intersect, etc.).

Duration: Roughly one month

Qualifications: Basic knowledge of GIS (ArcPro/ArcMap) and ability to work independently.

Requirements: Must be currently enrolled at Purdue University and have access to ArcPro/ArcMap.

To apply: Applications will be reviewed on a rolling basis. Please apply quickly! Please send a resume, at least two references, and a brief email describing your interest in the position to Eliza Hudson.

Contact Person: Eliza Hudson

Contact Phone: 502-930-7802

Contact email: enudson@purdue.edu