



## *Shawnee & Hoosier National Forests* OUTREACH NOTICE

***GIS Coordinator,  
GS-0101/0401/1301-11/12  
Harrisburg, IL or Bedford, IN***



The Shawnee & Hoosier National Forests seek to fill a GIS Coordinator position. The position is a zoned Geographic Information System (GIS) specialist that oversees the GIS program for both the Shawnee & Hoosier National Forests. The incumbent will be expected to lead GIS specialists assigned to each Forest, oversee the management of all tabular and spatial data related to natural resources and physical sciences, and work cooperatively with counterparts on both units.

The duty station can be at either the Shawnee NF headquarters in Harrisburg, IL or the Hoosier NF headquarters in Bedford, IN. The position is not remote eligible, but telework flexibilities are available.

For additional details on the position, please contact **Jennifer Brickey**, Resources, Planning and Monitoring Staff Officer, at [jennifer.brickey@usda.gov](mailto:jennifer.brickey@usda.gov) or 208 994 1268.

If you are interested in the position, please return a completed Outreach Response Form from at the end of this document, along with a resume, to Jennifer Brickey, Resources, Planning and Monitoring Staff Officer at [jennifer.brickey@usda.gov](mailto:jennifer.brickey@usda.gov) no later than **February 18, 2023**. The vacancy announcement may be open as a single vacancy announcement or batched with similar vacancies. All respondents to this outreach will be notified when the announcement opens for applications.

### **Position Description and Responsibilities:**

This position serves as the GIS Coordinator for the Shawnee & Hoosier National Forests. A new target organization is being adopted and will be fully stood up with the arrival of the candidate hired. This new organization will fully zone this position for both Forests.

The incumbent will provide leadership and direct supervision of both Forests' Zoned GIS program. Responsibilities include the management of all tabular and spatial data related to the natural resources and physical sciences. This position is the main contact for Regional Office GIS coordination for spatial and database management.

This position has some supervisory and managerial authorities and responsibilities for 3 GIS Specialists on both Forests.

Responsibilities of this position include:

- Oversees data life cycle management. Works with managers and resource specialists to determine type, amount and level of information required to develop and analyze ecosystem management alternatives. Assesses quality, compatibility, and limitations of various data used in a wide array of land management and planning efforts.
- Compiles, organizes, and maintains resource information, topographic, and cartographic data to facilitate analyses across multiple disciplines.
- Conducts various analyses and develops map or tabular products in coordination with all Forest and District staff covering a wide range of projects including but not limited to fuels, vegetation management, recreation, planning and wildlife.
- Manipulates and analyzes geospatial data to support resource management decisions for multiple resource, jurisdictional, and ownership units or a large geographical region. Performs multi-scale and/or multi-resource analysis in support of planning, analysis, and monitoring activities.
- Applies advanced principles to facilitate the geospatial model design and analysis procedures related to ecological, natural resource and relevant socio-economic data and products.
- Creates and coordinates the creation of thematic map products and presentation materials for multi-disciplinary resource management planning, preparation of environmental and social assessments, environmental impact statements and other projects supporting natural resource management decision-making.
- Coordinates conversion of geospatial information and remote sensing imagery into GIS databases.
- Provides expertise and makes recommendations on developing and applying geospatial analysis processes, protocols, and solutions to mission critical resource management issues. Provides advice on implementing, managing, analyzing, and using geospatial information.
- Provides technical assistance and training on ArcMap and ArcGIS Pro software and its applications; field data collection using GPS equipment; and resource data management (e.g. NRM modules).

**To be successful in this position, you must be self-motivated, have a strong sense of service to the public and your colleagues, and be willing to take on challenges and provide innovative solutions to complex problems while being collaborative in achieving results with internal staff and the public. Ability to lead, communicate, supervise, and manage complex projects, and be a team member, are all vital elements of the position.**

#### **Description of the Forests:**

The Shawnee and Hoosier National Forests have recently begun operating under a shared leadership model, with one Forest Supervisor and a single Forest Leadership Team. The communities surrounding both Forests provide a range of options to select from where to live, from rural settings to college towns hosting large universities (Southern Illinois University and Indiana University).

The **Shawnee National Forest** includes over 280,000 acres of National Forest System land and is the single largest publicly owned body of land in the State of Illinois. The Forest sits at the confluence of the Mississippi and Ohio Rivers and is rich in history, reflecting the pioneer movement of Americans into the west. The Shawnee sits on top

of a cultural crossroads, informing and enriching the Forest's Heritage program and making the Shawnee a unique place to work. Although predominantly oak-hickory, pine was planted in many areas in the past. Swamps contain tupelo and cypress communities. Razorback ridges associated with the Ozark upthrust are found on the west side of the Forest; the broader ridges associated with the Shawnee hills are found on the east side of the Forest. The Wisconsin glacier stopped north of the Shawnee, so the Grand Prairie (and its cornfields) most associated with the state of Illinois starts 40 miles north of the Forest.

The Shawnee is located within a day's drive (350 miles) of more than 45 million people, or 17% of the U.S. population (U.S. Census Bureau, 7-1-97 estimate). Additional information about the Forest may be found at the [Shawnee National Forest](#) website.

The **Hoosier National Forest** encompasses nearly 204,000 acres in South Central Indiana stretching south from Bloomington to the Ohio River and is located within a drive of two hours or less from Cincinnati, Ohio; Evansville and Indianapolis, Indiana; and Louisville, Kentucky. The Hoosier National Forest sits in the unglaciated hills of Southern Indiana. The Forest provides a range of opportunities and resources for people to enjoy. The many recreation opportunities including camping, fishing, hiking, horseback riding, hunting, mountain bike riding, and viewing scenery. The only congressionally designated wilderness in Indiana, the 13,000 acre Charles C. Deam Wilderness provides opportunities for users desiring higher levels of solitude. In addition, the Forest has over 265 miles of trails for hiking, biking, or horseback riding.

The Hoosier works to provide integrated resource management on the complex mosaic that make up National Forest System Lands in Indiana. Only 31% of the land within the Forest Boundary is National Forest System land, this scattered ownership pattern adds a complexity to the management of this valued natural resource. Forest managers are responsible for protection of some very unique resources. The Hoosier is located in an area rich in caves and karst features. These underground features are largely unknown to most Forest visitors but are home to many species that are specific to these habitats.

Additional information about the Forest may be found on the Forest website: [Hoosier National Forest](#).

### ***Non-Discrimination Statement***

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## OUTREACH RESPONSE FORM

Shawnee & Hoosier National Forests,  
GIS Coordinator, GS-0101/0401/1301-11/12

If interested in this position, **please email this completed form along with a current resume by February 18, 2023, to Jennifer Brickey at [jennifer.brickey@usda.gov](mailto:jennifer.brickey@usda.gov).**

**Duty Station (please indicate if you have a preference):** Harrisburg, IL or Bedford, IN

**Name:**

**Email Address:**

**Telephone Number:**

**How did you hear about this position?**

**Please describe why you are interested in this position:**

<b>Are you currently a Federal Employee?</b> Yes <input type="checkbox"/> No <input type="checkbox"/>	
<b><u>If Yes:</u></b>	
Name of your Agency & Location:	
Current title/series/grade:	
Type of Appointment	Permanent <input type="checkbox"/> Term <input type="checkbox"/> Temporary <input type="checkbox"/>
<b><u>If No:</u></b>	
Current Employer:	
Current Position Title:	
Are you eligible for appointment under any of the following special authorities?	
<input type="checkbox"/> Former Peace Corps Volunteer	<input type="checkbox"/> Veteran's Employment Opportunities Act of 1998
<input type="checkbox"/> Person with Disabilities	<input type="checkbox"/> Veterans Recruitment Act
<input type="checkbox"/> Student Employment Program	<input type="checkbox"/> Reinstatement Eligibility
<input type="checkbox"/> Resource Assistant or PMF conversion	<input type="checkbox"/> Veteran with 30% Compensable Disability
<input type="checkbox"/> Other	