



National Forests and Grasslands in Texas Geospatial Systems Specialist GS-0301-11/12

December 13, 2016



Outreach

Would you be interested in working for a National Forest with demonstrated excellence in planning including a nationally recognized Adaptive Management Wind Event EA? How about working with the leaders on Stewardship Authority? Are you ready for the next step of your Federal Career?

The National Forests and Grasslands in Texas (NFGT) will be advertising a Term GS-0301-11/12 Geospatial Systems Specialist position in the near future. This will be a temporary promotion, not-to-exceed 24 months, but may be extended up to 5 years at management's discretion.



Maintaining habitat for the endangered red-cockaded woodpecker is a primary management activity on the NFGT.

This position will report to the NFGT Supervisors Office with a duty station of Lufkin, TX. The incumbent serves as the Data Services Specialist for the Forest Plan Revision and will provide higher level GIS support to Forest Units.

NOTE: If you're interested in this position, please utilize the online response form in the Outreach Notice website <https://fsoutreach.gdcii.com/Outreach> to respond. **Please respond by January 4, 2017.**

Vacancy Announcement: The vacancy announcement for this position will be posted on the U.S. Government's official website for employment opportunities, www.usajobs.gov. You must apply to the vacancy announcement on USAJobs to be considered for this position.

About The Position

The primary responsibility of this position is providing support to the planning team during the Forest Plan Revision process. The secondary responsibility is supporting managers and resource specialists in the use of geospatial technology and Geographic Information Systems (GIS) for land, natural resources and ecosystem management.



MAJOR DUTIES:

Program Management

- The position provides leadership in the development and use of spatial data and advanced geospatial technological applications, and serves as principal technical advisor on Geographic Information Systems (GIS). Develops and implements geospatial program goals in conjunction with resource management objectives and organizational business requirements. Advises, counsels and assists Forest staff regarding GIS project planning including timelines, data analysis capabilities, budgeting, contracting, and other information management considerations.

Data Management

- Oversees data life cycle management. Coordinates input from 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. Develops data dictionaries, data models, and metadata for multi-disciplinary information and geospatial applications. Coordinates conversion of geospatial information and remote sensing imagery into GIS databases. Responsible for organization and maintenance of resource information and data to facilitate analysis across multiple disciplines including but not limited to recreation, silviculture, planning, engineering and fire.

Geospatial Analysis

- Provides expertise and makes recommendations on the development and application of geospatial analysis processes, protocols and solutions to mission critical resource management issues. Applies knowledge of geospatial technology to facilitate geospatial model design and analysis. 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.



The National Forests and Grasslands in Texas contain many diverse plant communities including small isolated prairies, limestone glades and outcrops, pitcher plant bogs, xeric sandy lands, longleaf pine forests, and wetland pine savannas.

Cartography and Map Design/Production

- Compiles natural resource, topographic, and cartographic data for 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. Operates complex computer systems and software packages and develops procedures to produce intricately detailed maps and graphics for the many varied Forest resource programs, planning documents, and a variety of other requirements.



**Forest
Service**

National Forests and Grasslands in Texas
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Training and Support

- Provides advice on the implementation, management, analysis, and use of geospatial information. Provides advice and recommendations on sources, standards, integrity, compatibility, and cost efficiency of natural resource and socio-economic information. Conducts formal and informal training and provides technical assistance to GIS software users in the development, storage, retrieval and analysis of data.

Program Liaison

- Serves as technical point of contact and maintains liaison with the Regional Office (RO) and Federal, State, and local governments; learning institutions; the private sector; professional organizations; and other individuals concerned with GIS, GPS, remote sensing and mapping.



Participates in Forest Plan Revision trainings and meetings for employees, stakeholders, other agencies, NGO's and the general public.

Benefits of Forest Service Employment:

- Telework and Flexible Work Schedules
- Highly competitive Federal Health, Vision and Dental Plans
- Transportation subsidies for commuters
- Life Insurance and Long-Term Care Insurance for Employee and Family Members
- Flexible Spending Accounts
- Wellness programs that allow for reimbursement of Fitness Memberships and/or Work-time to exercise
- Comprehensive Federal Retirement Package

For more information on these benefits, please click on the below link:

<http://www.fs.fed.us/working-with-us/jobs>.

Duty Station

Supervisor's Office: The National Forests and Grasslands in Texas Supervisor's Office is office is located Lufkin, TX. The incumbent's official duty station will be Lufkin.

The National Forest: The National Forests and Grasslands in Texas include approximately 675,000 acres in 15 counties. There are four National Forests and two National Grasslands managed from five Ranger District Offices.

MISSION: To maintain, improve, or restore, healthy and naturally diverse ecosystems which sustain those resources and values that contribute to the ecological, social, and economic needs of the public.

- Integration - We achieve Forest goals through interdisciplinary planning and implementation of projects, emphasizing teamwork.



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- Innovation - We achieve Forest efficiency and effectiveness working with partnerships, stewardship contracting, volunteers, and better systems approaches.
- Safety - Our core values include safety and wellness, which guide our daily operations.
- Diversity - We strive to develop a versatile workforce to serve our diverse public.

VISION: The National Forests and Grasslands in Texas blends the needs of many through resource uses, recreational experiences, and public service while ensuring the integrity and protection of natural resources.

The Forest's **SIGNIFICANCE** includes:

- The Forest's Allowable Sale Quantity (ASQ) is 109 hundred cubic feet (CCF), as determined in its 2015 annual timber report. This was an increase of 34CCF from 2014.
- The Forest's provides three of top fishing lakes in the United States. Toledo Bend Reservoir (first) continuously produces huge largemouth and 10-pounders are quite common throughout the year. Sam Rayburn Reservoir (fifth) produces both quantity and quality for anglers and offers both shallow and deep bass fishing opportunities. The biggest largemouth bass ever collected by Texas Parks and Wildlife Department (14.1 pounds) was taken from Lake Conroe (fiftieth). All three of the lakes are approximately an hour from Lufkin.
- The Forest's manage 250,000 acres of habitat for the endangered red-cockaded woodpecker, supporting over 261 potential breeding groups.
- Stewardship is an important component of managing the National Forests and Grasslands in Texas with over \$3 million in timber receipts retained in 2015.
- Long-leaf and short-leaf pine habitats are fire-adapted ecosystems. The NFGT conducts prescribed burning over approximately 100,000 acres annually to maintain and improve those important habitats.
- The National Forests and Grasslands in Texas contain many diverse plant communities that have been described in the West Gulf Coastal Plain, Blackland Prairie, and Western Cross Timbers Ecoregions. These include small isolated prairies, limestone glades and outcrops, pitcher plant bogs, xeric sandy lands, upland monospecific longleaf pine forests, wetland pine savannas, sandstone barrens, baygalls, forested wetlands, palmetto flats, and beech-magnolia slope forests. Many rare plants are restricted to these plant communities and are found nowhere else in Texas.
- For additional information on National Forests and Grasslands in Texas, please go to the following link: <http://www.fs.usda.gov/main/texas>



In addition to providing one of the top bass fisheries in the country, Sam Rayburn Reservoir, on the Angelina National Forest, also provides camping, boating, jet-skiing, kayaking, birding and other recreation opportunities.

Community Information

Lufkin is located in the "Pineywoods" of east Texas, approximately 120 miles northeast of Houston, in Angelina County. Residents (nearly 40,000) enjoy beautiful parks, open spaces, cultural arts, and a broad range of recreational activities.



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Lufkin is just an hour away from four National Forests and two major recreation and fishing lakes. The National Park Service manages over 80,000 acres of the Big Thicket Preserve south of the National Forests.



STEPHEN F. AUSTIN
STATE UNIVERSITY
NACOGDOCHES, TEXAS

Angelina College, a community college, is located in Lufkin with an additional nine off-campus centers. Provides both Occupational and Community Service programs, College Transfer curriculum and Associate Degrees as well as Adult Education, GED and ESL.

Stephen F. Austin State University, located in Nacogdoches, TX, offers over 1200 areas of study through six colleges. The Forestry and Agriculture School at SFA is nationally recognized.

Education is important to the community with award winning schools, including public, private, and charter schools that offer unique learning opportunities in combination with Angelina Community College and Stephen F. Austin State University. Lufkin also has excellent medical care with two major hospitals and many specialists.

Single family housing is readily available. Housing costs for a family of four range from \$80,000 to \$180,000. Rental houses are scarce, but there are properties available, and there are many apartments and townhouses for rent.

For additional information go to the Lufkin - Angelina County Chamber of Commerce website at <http://lufkintexas.org/>.

Surrounding Area Nacogdoches, (population 33,000) lies 20 miles northeast of Lufkin. It claims to be the oldest town in Texas and offers many landmarks sacred to Texas history. This city is also known as the Garden Capital of Texas and is home to Texas' largest azalea garden. Nacogdoches offers a variety of activities for visitors including antiquing, nature walks, Freedom Fest, world-class touring performances from operas to children's plays, and many historical sites to visit (e.g., Caddo Mounds, Millard's Crossing Historic Village)

Houston, provides all the amenities expected in a large metropolis. With a population over 2.2 million people, Houston is the most populous city in Texas and the fourth-most populous city in the United States. Also known as the "Space City", Houston is a global city with strengths in business, international trade, entertainment, culture, media, fashion, science, sports, technology, education, medicine, and research. Houston is also one of the most diverse cities in the United States and home to many cultural institutions and exhibits.

Websites - For more Information about Lufkin and the surrounding area, visit the following the websites:

[City of Houston](#)

[City of Lufkin](#)

[Angelina County](#)



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Contacts

For more information about this opportunity, feel free to contact us!

Natural Resources and Planning Team Leader

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Please respond by January 4, 2017.



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