



PRE-ANNOUNCEMENT
North Zone Hydrologist/Soil
Scientist
Gila National Forest

Title: Soil Scientist
Pay Plan, Series, and Grade: GS-1315/0470-9
Salary: \$31,628 - \$62,297
Work Schedule: Full-time, NTE 4 years
Duty Station: Glenwood, New Mexico
Contacts:

Anne Casey, Glenwood District Ranger,
acasey@fs.fed.us
 (575) 539-2481



The Gila National Forest is looking to fill a North Zone District Hydrologist/Soil Scientist position, GS-1315/0470-9 as a full time term, not to exceed four years. The position will have a duty station in Glenwood, NM, but will also have duties on the Reserve and Quemado ranger districts. To express interest in the position please submit a short resume by March 25, 2016, to Anne Casey at the email address shown above. If you have any questions concerning this position, please contact Anne Casey by phone or email using the contact information shown above. The vacancy announcement for this position will be posted on the U.S. Government's official website for employment opportunities at www.usajobs.gov. Anyone who expresses interest in the position will be notified when the announcement opens.

DESIRABLE ABILITIES RELATED TO THE POSITION

The ideal candidate would possess some or all of the following skills and/or have experience with these elements:

- Knowledge and use of Geographical Information Systems;
- Knowledge and use of Natural Resource Management databases;
- Navigational skills in field using maps/compass/GPS units;
- Willingness and abilities to become certified in the use of ATVs, UTVs, 4-wheel drive vehicles
- Experience in communicating effectively, both orally and in writing.
- Strong organizational skills and attention to detail
- Experience in compiling project records
- Experience in the use of Microsoft Excel and Word

DESCRIPTION OF DUTIES

A significant part of this program of work will include preparing assessments and specialist reports relating to Range NEPA and landscape-scale restoration projects.

Conducts reconnaissance and detailed soil and hydrology surveys, including field and/or laboratory examination, description, classification, and mapping.

Prepares soil and hydrology survey reports, watershed restoration plans, riparian assessments, erosion control plans, soil resource improvement plans, soil management reports, and other special project reports for planners, designers, managers, and other users. Compiles reports on classification and mapping operations.

Identifies alternative soil management practices for different groups of soils. Works toward maintaining and improving soil and watershed productivity and controlling sediment.

Follows established Forest Service procedures to evaluate, assess, and adjust complex project or program plans to implement provisions of federal environmental standards. Examines data and completes reports in support of implementation plans for state, local and federal environmental protection programs.

Analyzes soils and watershed information and prepares appropriate interpretative material used to develop land management functional plans and resource plans for timber, water, range, recreation, wildlife, and guidelines for engineering soil stability and erosion control protection.

In order to accomplish many of the duties listed above, the candidate will need to be comfortable with field work in inclement weather conditions. The individual would be required to operate in remote locations via ATV, UTV, horseback, hiking, and 4-wheel drive.

Other duties within this position may include collection and summarizing of watershed data and administering assigned watershed projects; and assistance in range program regarding water uses and observations and possible litigation assistance. Work may include data analysis, preparation of a variety of written reports and environmental assessments, and providing recommendations on watershed, range, and aquatic and terrestrial resource issues, including, assistance to Federal, State, and/or local agencies.

ABOUT THE FOREST

The Gila National Forest, 3.3 million acres of mountainous forest and rangeland, rises proudly above the desert country of New Mexico. The Gila boasts more federal land than any other national forest in the contiguous United States and is home to the first designated wilderness area.

Unique features on the forest include an ancient Mogollon site now preserved as the Gila Cliff Dwellings National Monument, the historic water pipeline of the Catwalk of the Whitewater Canyon, 170 miles of the Continental Divide Trail, and the Aldo Leopold, Gila, and Blue Range Wilderness Areas.

ABOUT GLENWOOD

Glenwood, a town of approximately 300 people, known for its spectacular views of the Mogollon Mountains, Catwalk Trail and ghost town of Mogollon, is tucked away in the Southwest corner of the state, 65 miles northwest of Silver City. The elevation in Glenwood is approximately 4,770 ft, but the district ranges in elevations up to 10,535 ft.

The majority of the Glenwood area landscape is considered high-desert with predominately piñon and juniper. The summer temperatures average 50 to 98 degrees. Spring and fall temperatures average between 45 to 75 degrees and winter temperatures range from 25 to 55 degrees with a few colder days. Snow is anticipated in the Glenwood area only about 5 days per year, usually clearing off by mid-afternoon. Sunshine is abundant most all year round. Typically starting around July 4, the monsoon rains brings a wet season that lasts approximately two months.

The active clubs in Glenwood include: Frisco Cowbells, Mogollon Gun Club, Glenwood Women's Club, San Francisco 4-H Club and MAG (Mogollon-Apache-Gila off Road Vehicle Club). The community also has a volunteer library, Community Center and a Community Park. Recreational opportunities are plentiful.

There is a local volunteer fire department, as well as, a local ambulance service. The closest hospital is in Silver City. There are medical clinics in both, Reserve (40 miles north) and Gila (36 miles south).

There is an elementary school (K-2) in Glenwood that averages approximately 20 students. Students in grades 3-12, ride the bus to Reserve, NM. Western New Mexico University is located in Silver City and provides quality programs for traditional and non-traditional students. Cliff, in Grant County has an elementary through High School system as well.

Housing availability in Glenwood is somewhat difficult. Real estate prices are fairly high mainly due to the draw of living in a small, rural community. Depending on availability, there may be government housing available in Glenwood.

Glenwood is approximately four hours from four major cities: Albuquerque, Phoenix, Tucson and El Paso.

ABOUT QUEMADO

The unusual name for this cozy community of 250 folks originates from the 1880's story of Jose Antonio Padilla. When Padilla settled near a creek east of the present town, he found that American Indians opposing outsiders burned the surrounding brush. Consequently, he named the area "Quemado," Spanish for "burned." Today, a grassland valley surrounded by piñon pine and juniper hills no longer shows the scars of a historic past and accentuates the extinct volcanic area of Quemado.

Located in Catron County (*NM's largest*), Quemado, elevation 6,890', is a service center for local ranchers offering two café's, two motels, two gas/convenience stations both with Gas/Diesel pumps, two service garage's with mechanic's on duty, one stocked country grocery store, a hardware store, Catholic and Baptist churches, and a post office.

The modern community oriented school in Quemado provides grades K-12 while opportunities for higher education are available at the branches of Northland Pioneer College in Springerville, AZ and New Mexico State University in Grants, NM.

Medical facilities are provided by the once a week Clinic from Catron County in Reserve. Full service communities at Springerville, AZ (50 miles west) Grants, NM (*84 miles north*), Socorro, NM (*110 miles east*), Silver City, NM (*160 miles south*), and Show Low, AZ (*100 miles west*) provide additional shopping and medical facilities. The city of Albuquerque, NM (*154 miles north*) has the nearest large scale, commercial airport to meet all travel needs.

ABOUT RESERVE

Reserve is a remote rural community located in western New Mexico near the Arizona border. The elevation is about 5,900 feet above sea level. The average annual temperature is 54 degrees. May is the driest month of the year while July is the wettest. The annual average precipitation is about 15 inches. The population of Reserve is approximately 500 and is the county seat of Catron County, the largest county by area in New Mexico. The nearest full-service town is Springerville, Arizona, about 63 miles away.

The community has an elementary and high school, six churches, a medical clinic, a senior center, one bank, one grocery store, a small mini-mart, three restaurants, one motel, post office, two gas stations, telephone service, cable and satellite services, limited cell service, Catron County Sheriff's department, volunteer fire department, ambulance service, emergency medical technicians, Village Hall offices, Catron County Courthouse and offices and several other local businesses.

Opportunities for housing for either rental or purchase are rather limited. Homes to purchase range from \$85,000 up. There are several realty offices to choose from. In addition, government housing may be available.

To find more information about the Gila National Forest and the Glenwood, Quemado, and Reserve Ranger Districts, visit our website at <http://www.fs.fed.us/r3/gila>

OUTREACH NOTICE FORM

Complete the following form and return to Anne Casey, Glenwood District Ranger.

E-mail: acasey@fs.fed.us
Telephone: (575) 539-2481
Mailing Address: Glenwood Ranger District
Attn Anne Casey
PO Box 8
Glenwood, NM 88039

Name: _____

Phone number: _____

E-mail address: _____

Current or Latest Job (Title/Series/Grade): _____

Current Supervisor's Name: _____

Current Supervisor's Phone: _____

Are you currently a federal employee? (yes/no) _____

Forest Service Region/Unit: _____

Narrative (briefly explain the reason for your interest, and summarize your qualifications and experience, including dates, relating to this position):