

# Geospatial Technology and Applications Center (GTAC)

## Salt Lake City, Utah



### Remote Sensing/Geospatial Analyst, GS-401/1301/101-12

The Geospatial Technology and Applications Center (GTAC) in Salt Lake City is filling a permanent Remote Sensing/Geospatial Analyst position, GS-401/1301/101-12, to provide technical, analytical and administrative support to the GTAC Disturbance Assessment and Services (DAS) Program. The position serves as an assistant program manager providing geospatial project development and management, stakeholder coordination, program development assistance and relevant technical support. The position also uses cutting-edge geospatial technologies to provide operational geospatial support and related technical assistance to GTAC and Forest Service initiatives, programs and applications.

This notification is circulated to inform prospective applicants of this upcoming opportunity and to determine interest in the position. **Responses to this outreach will inform approach for a future vacancy announcement and may be used for a lateral or detail(s) not to exceed 1 year, or for a temporary promotion detail(s) not to exceed 120 days. Potential for permanent reassignment may also be considered.** No travel expenses are authorized for a Detail.

The duty station for this position is Salt Lake City, Utah, at GTAC, a detached unit of the National Forest System, Engineering, Technology and Geospatial Services.

#### **About the Position**

The position is considered geospatial subject matter expert and technical advisor to promote and facilitate the use of remote sensing tools and applications as well as data primarily obtained from satellite or aircraft sensors. The position utilizes remote sensing and GIS technologies in combination with an understanding of natural resource issues to develop and analyze data and information to assess and monitor natural resources, resource management activities, and natural disturbances.

Responsibilities include:

- Provide support to emergency, fire or all-hazard events including production and delivery of rapid response products under short suspense deadlines.
- Capacity to learn and apply multiple sources of passive and active remote sensing data (Lidar, radar, Landsat, Sentinel 2, WorldView 2 & 3, GeoEye, digital photography etc.) for mapping and analyses.
- Script and automate complex remote sensing and GIS tasks/processes to make data processing and analysis workflow more efficient to solve unique and diverse technical problems and produce consistently derived geospatial products.
- Assist development and technical implementation of project plans for local, regional and nationwide projects including disturbance mapping/monitoring and post-disturbance damage assessments.

- Provide technical assistance and/or consultation to field units and various remote sensing and GIS users throughout the Forest Service, supporting agency resource management activities.
- Identify, research and implement new and emerging remote sensing and GIS technologies, remote sensing data, and advanced geospatial applications.
- Develop new, more efficient, cost-effective and/or higher quality remote sensing and GIS processes.
- Manipulate and analyze remote sensing data to support resource management decisions for multiple resource, jurisdictional, and ownership units or large geographical regions.
- Perform multi-scale and/or multi-resource analysis in support of planning, analysis, and monitoring activities.
- Advise on the implementation, management, analysis, and use of remote sensing data and information. Assess quality, compatibility, and limitations of various data used in a wide array of land management and planning efforts.
- Prepare and deliver briefings on remote sensing/GIS technologies and projects to stakeholders, resource managers and geospatial data users.
- Support program management and administrative functions to achieve project and program goals, including project coordination and oversight, contracting officer representative (COR) responsibilities, collaboration with CIO counterparts to meet program IT needs, etc.

The position is non-supervisory. The position requires proficiency in communication (written, oral, and virtual), coordination, technical (remote sensing, GIS and related geospatial technologies), and organizational skills (project and file management).

**This is a permanent position.** Transfer of station (TOS) may be authorized for permanent reassignment or recruit/fill of this position.

If you are interested in this position, please fill out the enclosed form briefly describing your interest in this opportunity, your experience and education, and what strengths you would bring to the position. **Please submit your response to the outreach database by COB Wednesday September 9, 2020.** If you are unable to respond electronically, please complete the outreach notice form below and forward it to Brad Quayle at: [brad.quayle@usda.gov](mailto:brad.quayle@usda.gov) Please contact Brian Vanderbilt ([brian.vanderbilt@usda.gov](mailto:brian.vanderbilt@usda.gov)) or Brad Quayle for questions about the duties of this position.

#### **Position Location: Salt Lake City**

Salt Lake City is the capital and most populous city in Utah and the seat of Salt Lake County (<http://www.co.slc.ut.us/>). Salt Lake City sits in the Salt Lake Valley which encompasses 15 other municipalities to include a total population of over \$1,222,540 (2018 estimates). The Salt Lake area has major city amenities, from professional and minor league sports, to fine dining, theater, concerts, museums, and other social and cultural opportunities, and a major international airport (<http://www.saltlakechamber.org/>). The city also serves as a gateway to several resort venues, ski resorts, National Forests, and National Parks. The valley is at an elevation of 4300 feet and is surrounded by mountains that rise dramatically to an elevation of over 11,000 feet.

Salt Lake is especially attractive for those who enjoy sports and the outdoors, (<http://www.thingstodo.com/states/UT/regions/NO/outdoor.html>). Within 30 minutes, you can be skiing, hiking, camping, fishing, cycling, and golfing. Salt Lake City has some of the most spectacular mountain trails and views imaginable; from mountain lakes surrounded by pine forests to desert sunsets. Utah is also world renowned as one of the best places on earth for snow skiing and was home to the 2002 Winter Olympics. Community recreation includes a number of local health clubs and the Salt Lake Parks and Recreation Department provides many recreational opportunities.

Additional Information:

<http://www.co.sl.c.ut.us/>

<http://www.saltlakechamber.org/>

<http://www.utahrealestate.com/>

**OUTREACH DOCUMENTATION FORM**

**Geospatial Technology and Applications Center (GTAC)**

125 South State Street, Suite 7105

Salt Lake City, UT 84138

**Please respond by September 9, 2020 - Thank you for your interest!**

Name: \_\_\_\_\_ Email: \_\_\_\_\_

Current Position: \_\_\_\_\_ Phone No.: \_\_\_\_\_  
*(Title, Series, Grade)*

Current Organization: \_\_\_\_\_ Current Appointment: \_\_\_\_\_  
*(Permanent/Temporary/Term/Not Current Federal Employee)*

Please attach a brief summary of qualifying experience (or you may attach an electronic resume):

**Interested applicants should submit this information to the Outreach Database by September 9, 2020.**

Contact Brad Quayle, [brad.quayle@usda.gov](mailto:brad.quayle@usda.gov), or Brian Vanderbilt, [brian.vanderbilt@usda.gov](mailto:brian.vanderbilt@usda.gov) or are available to answer questions about the duties of the position.