

Job Description: GIS Technician / Analyst



Summary

The role of the GIS Technician/Analyst includes assisting scientists, technologists, or related professionals in building, maintaining, modifying, or using geographic information systems (GIS) databases. GIS Technician/Analyst performs custom application development and provide user support to satisfy clients' needs.

- Work on ongoing environmental, transportation, urban planning, utility, and other technical projects
- Have the opportunity to work in project planning and execution
- Interact extensively with scientists, engineers, corporate and government clients and help develop standard deliverable formats for various contracts based on client and internal specifications and industry best practices

Essential Functions

- Analyze Geographic Information Systems (GIS) data to identify spatial relationships or display results of analyses, using maps, graphs, or tabular data
- Maintain or modify existing Geographic Information Systems (GIS) databases
- Enter data into Geographic Information Systems (GIS) databases, using techniques such as coordinate geometry, keyboard entry of tabular data, manual digitizing of maps, scanning or automatic conversion to vectors, or conversion of other sources of digital data
- Review existing or incoming data for accuracy, usefulness, quality, or completeness of documentation
- Create maps and exhibits
- Perform data collection in the field

Desired Qualifications

- BA/BS in Geography, GIS, Geomatics or related field and 0-2 years of GIS experience preferred
- Strong knowledge of infrastructure concepts and GIS is preferred
- Advanced GIS software knowledge and experience including Esri GIS core products (e.g., ArcGIS, ArcGIS Online, Spatial Analyst) Familiarity with ArcGIS-based modeling
- Extensive experience using ArcGIS and Google Earth
- Experience working in AutoCAD jointly with GIS products
- LIDAR processing experience
- Database management experience; Experience with Safe FME
- Field experience required
- Prior experience in QA/QC
- Use excellent verbal and written communication skills to update team with progress reports and updates
- Must be able to multi-task and prioritize tasks
- Ability to work independently and as a team in a fast paced, challenging environment

Position Type: Full time

Work Location: Washington, DC

To apply for the position, please submit your resume and/or cover letter to www.spatialgisservices.com/careers

Candidates will be subject to a government background investigation and must meet eligibility criteria for access to classified information. U.S. Citizenship is required.

AN EQUAL OPPORTUNITY EMPLOYER

All employment decisions are made without regard to race, color, religion, sex, sexual orientation, national origin, age, creed, ancestry, marital status, non-job-related handicap or disability, veteran status, or any other legally protected status.

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