Employment Opportunity

Title: GIS & Natural Resource Specialist  
Location: Fully remote  
Starting Pay: $45,000 - $55,000 DOE  

Description

PlanIT Geo provides complete, integrated technology, software, and consulting solutions for urban forestry and related fields including green infrastructure planning, nature-based solutions, tree inventory, and tree canopy assessments. We are seeking to fill a full-time analyst position with a candidate that has diverse interests, education, and experience in natural resources, forestry, planning, GIS, and other technology. Our ideal candidate is knowledgeable, passionate, innovative, adaptive, and a team player. They are task-oriented, results-driven, and work well under deadlines and pressure. This position requires someone who is analytical, loves data, has high attention to detail, and is well-written with excellent communication skills. You will help amplify our vision, “Mapping a Greener Future”, which drives us every day to provide high quality, mission-driven results and impact to our clients and the industry as a whole.

Primary Responsibilities

- Providing QA/QC of client data and GIS land cover data, data conversions, geoprocessing, spreadsheet summaries, creating maps and metadata, and assisting in project deliveries
- Reviewing, editing, organizing, and processing GIS and environmental data from different sources including mapping data accuracy, image interpretation, and data development for urban land use/land cover classification data
- Applying forestry and natural resource concepts in contribution to professional, technical reports including narratives, tables, maps, graphics, and background research.
- Learning and applying new technologies to support production and reporting of urban tree canopy (UTC) assessment projects and related natural resource management projects
- Ensuring quality delivery of all final products per a proposal or scope of work
- Creating and updating standard operating procedures and documentation
- Communicating internally and externally with clients to gather technical requirements and develop/improve geospatial technology products
Desired Knowledge, Skills, and Abilities

- Natural resource and/or urban forest management principles and planning processes.
- Understanding and working experience with GIS raster and vector data including data management, conversion, editing, geoprocessing, modeling, cartographic production, and reporting.
- Proficiency in GIS desktop software including Esri ArcGIS, QGIS, and other open source GIS software.
- Conceptual understanding of remotely-sensed data types (including satellite and aerial imagery and LiDAR data) and their uses and software platforms.
- Ability to communicate effectively both orally and in writing and establish and maintain effective working relationships with staff, clients, and other industry professionals.

Beneficial Knowledge, Skills, and Abilities

- Bachelor’s degree in geography, environmental science, urban forestry, computer science, or planning.
- Interest in urban forestry, urban ecology, ecosystems, water/natural resources, or land use planning.
- Experience with ArcGIS geoprocessing, ModelBuilder, i-Tree, QGIS, image processing software, or other open source tools for processing and analyzing remotely sensed data.
- Scripting abilities in R and Python to perform complex spatial analysis and create engaging charts and graphics.
- Knowledge of cartographic design and other design technologies such as Photoshop and InDesign.
- Problem-solving skills with good attention to detail and the ability to think through and execute spatial analyses from beginning to end.
- Strong technical writing skills to support various services, marketing activities, and proposal tasks.

Candidates should expect to work up to 40 hours a week at a computer. We offer flexible schedules and a remote work environment. This position includes company 401K with match, health insurance, HSA, paid holidays, paid time off, bonus plan, and an employee stock plan after one year of employment. If interested and qualified, please email a 1-page resume and 1-page cover letter to the GIS Manager, AndyEvans@planitgeo.com.