Genwest Systems Inc., an equal opportunity employer, is currently accepting applications for a **Spatial Data Analyst**. This position will primarily support our clients at the National Oceanic & Atmospheric Administration (NOAA), National Ocean Service (NOS), Office of Response and Restoration (OR&R) Spatial Data Branch (SDB) and Disaster Preparedness Program (DPP).

Location:
This position will work a hybrid schedule, working from NOAA offices in either Mobile, AL (Preferred) or Silver Spring, MD. This is expected to include 2-3 days per week in-office, with remaining days teleworking.

Position Description:
The successful applicant will support OR&R staff by providing spatial data management and analysis, as well as enhancing disaster preparedness and response. The position will:
- Integrate spatial data into environmental assessments,
- Provide primary capacity for disaster response for OR&R,
- Provide Emergency Notification System (ENS) support and coordination for NOS,
- Support the data needs of the NOS Incident Management Team
- Present technical updates and key project findings across NOAA and occasionally at external forums and conferences.

The position will support the Environmental Response Management Application (ERMA) by taking on key tasks in data management and data upload, layer management, coordinating with data partners and stakeholders, and participating in software application testing and training. This can include creating and symbolizing GIS data, generating maps and charts, writing processing steps and metadata, and constructing and maintaining databases. The work will primarily be conducted at NOAA offices, but travel to provide on-site support to incident response will also be required.

Primary Tasks:
- Work within a team conducting spatial analysis
- Compile and organizing spatial data (GIS) and metadata
- Load and symbolize data into the OR&R Environmental Response Management Application (ERMA)
- Automate data analysis tasks and routines and document efforts
- Automate data workflows and routines, and perform periodic testing of applications to ensure they continue to meet NOAA's mission requirements.
- Develop digital maps and other data visualization tools
- Develop and maintain comprehensive documentation for data management and response workflows to enhance efficiency.
- Coordinate with partners to obtain, share and manage data

- Conduct technical training sessions for federal, state, and local groups on data applications and management best practices.
- Enhance incident environmental response through on-site support as needed

<u>Qualifications:</u>
The successful candidate will be expected to demonstrate the listed qualifications in his/her resume and interview:
<u>*Required Qualifications:*</u>
- Bachelor's Degree with focus in Environmental Sciences, Geography, GIS, or demonstrated equivalent experience.
- Experience using GIS software and extensions for spatial data, such as Esri ArcGIS desktop and field collection tools (Survey123/FieldMaps/QuickCapture)
- Skills and experience with environmental data and database management including standardization and compilation of data in preparation for analysis and modeling.
- Strong spatial and statistical analysis skills
- Strong verbal, writing, and organizational skills.
- Self-motivated, energetic, strategic thinker- able to take on problems, identify and confirm plans of action, and collaboratively address obstacles.
- Comfortable working in a fast-paced environmental response framework.
- Ability to work and travel independently.
- History of success in team-based project execution, working as both lead and contributor on diverse multi-disciplinary teams.
- Demonstrated flexible and proactive approach to problem-solving.
- Demonstrated ability to plan and execute long-term projects, including setting timelines and milestones, communicating status, balancing priorities, and delivering products to specification.

<u>*Desired Qualifications:*</u>
- Familiarity with Incident Command System (or willing to take training).
- Possess HAZMAT training (24 or 40 hour) or willing to take this training.
- Ability to prepare and give presentations and lead training sessions, where needed.
- Experience and/or knowledge of marine debris - presence, impacts, and efforts to address it.
- Experience in managing complex projects, including building consensus around goals and objectives, and tracking and reporting on accomplishments.
- Experience with web mapping tools (Esri, OpenLayers, Mapbox).
- Software and data management tool experience: Python, Access/SQL, ArcPy, R, Esri REST API

Benefits & Compensation

Compensation will be determined based on the experience and qualifications of the successful applicant in combination with contract budget. The wage range is anticipated to be roughly $50,000 - $65,000 on an annualized basis, depending on candidate qualifications and client budget.

The position is eligible for the Genwest full-time benefit package that includes:
- Health insurance,
- Paid personal and holiday leave
- 401(k) program eligibility
- Employee disability and life insurance

To Apply:

Please email a resume and 3 references to hr@genwest.com. Please include any cover letter, your resume and references in a single .pdf (Adobe Acrobat) attachment (no more than 4 pages in length) with your name included in the .pdf file name. Also, please include the words, "GIS Analyst" in the subject line of your email.

Applicants selected for interviews will be contacted via email. **The position will remain open until filled, with priority given to applications received by January 16, 2026**