

Employment Opportunity: Environmental Data Analyst

INSPIRE Environmental is hiring an Environmental Data Analyst

We are a growing environmental science consultancy, based in Newport, RI, and looking to add an exceptional **Environmental Data Analyst** to our team. INSPIRE is an integrated team of skilled marine environmental scientists and analysts trained to interpret and contextualize data that we collect about the seafloor. Our team works together to provide holistic assessments based on geology, oceanography, benthic ecology, biogeochemistry, and fisheries science. Our projects are always diverse in scope and complexity and may take place anywhere around the world.

Position Summary

As an Environmental Data Analyst at INSPIRE Environmental, you will facilitate data intake, transformation, analysis, and review to support a variety of projects that span across markets and sectors. You will collaborate with fisheries, underwater acoustics, and benthic scientists to develop innovative solutions to longstanding data gaps on human-induced impacts to the marine environment. Solutions will include novel data acquisition, data processing automation, and interactive data delivery. You will also be responsible for supporting and implementing effective data visualization techniques to share and communicate complex trends with numerous stakeholders. This position is expected to perform technical tasks with minimal oversight and supervision from senior scientists or project managers, and support INSPIRE's cross-functional teams. Opportunities for field work may be available but are not required for this position.

Essential Functions

- Maintain and support development of INSPIRE's online and interactive mapping application using geospatial (GIS) manipulation software and front-end coding languages.
- Visualize data/information using static plots and interactive dashboards (e.g., Power BI)
- Prepare maps and other GIS products as needed for INSPIRE deliverables
- Under supervised direction, implement systems to organize information, including traceability of data
- Contribute to guidelines and user interface (UX) standards for interface design, visualization techniques, rich charting, and analytic dashboards
- Follow established data review and quality control procedures to ensure data accuracy, completeness, and quality
- Maintain working knowledge of INSPIRE's GIS file system and standard operating procedures (SOPs)
- Assist with assembling and reviewing data deliverable packages and writing GIS metadata
- Effectively coordinate with other staff on multidisciplinary projects and programs

Competencies

- Excellent written and verbal communication
- Innovative and creative problem-solving skills
- High level of organization; attention to detail
- Demonstrated ability to work effectively as part of a team

- Flexibility to adapt to changing schedules and priorities
- Proficiencies in GIS software and analytical techniques
- U.S. citizen or valid working permit

Desired Education and Experience

- Ability to demonstrate above competencies either through educational experience (e.g., B.A./B.S. with 1-3 years of relevant experience in computer science or related technical field), employment experience, or a combination of both
- Familiarity with SQL for querying and managing data held in relational database management systems
- Experience with ArcGIS and/or QGIS for mapping GIS data
- Experience with Python, R, or other object-oriented programming languages
- Leadership and/or participation in collaborative research programs

Preferred Experience

- Environmental consulting

To Apply

Please consider your experience and capabilities in relation to the desired skills and experience presented above. If you think we are a match, please send your CV, a cover letter, and contact information for three professional references to Careers@INSPIREenvironmental.com and put **“Environmental Data Analyst”** in the subject line. Qualified candidates will be contacted by email and invited for a phone interview.

We are building a progressive, flexible team to respond to new and exciting work, join us!

At INSPIRE, we are committed to providing an environment of mutual respect where equal employment opportunities are available to all applicants without regard to race, color, religion, sex, pregnancy, national origin, age, physical and mental disability, marital status, sexual orientation, gender identity, gender expression, genetic information, military and veteran status, and any other characteristic protected by applicable law. INSPIRE believes that diversity and inclusion are critical to our success as a company, and we seek to recruit, develop, and retain the most talented people from a diverse candidate pool.

No recruiting agency calls or resumes please.