



Environmental GIS Specialist

Steward Green, LLC

Hybrid remote

Bridgewater, NJ

Steward Green, LLC is experienced in a wide array of natural lands restoration, providing clients throughout the mid-Atlantic and US with data collection and analysis, ecological consulting and park planning services. Our firm conducts flora and fauna wildlife research, data collection & analysis, management strategies, habitat regeneration, native pollinator meadow and bioretention design and installation. Steward Green uses the latest technologies, including large scale drone applications, to assist others with the best quality, compliance, efficiencies, and safety to meet their management goals.

Job Description

Steward Green is seeking an enthusiastic, results driven environmental GIS professional to perform spatial data analyses of phenomena related to wildlife habitat conservation and sustainable ecological practices. The position involves a dynamic workflow of remote and field work. Remote tasks involve data management and analysis, report writing, and image processing. Candidate is expected to be able to create helpful, and aesthetically pleasing data visualizations to communicate information in a meaningful way. Mapping products meet client desires and project goals. Field work is seasonal and weather-dependent, which warrants some flexibility in schedule. Winter field work involves aerial UAS thermal wildlife surveillance operations which include out-of-state travel and nighttime data collections. Summer field work involves wildlife habitat monitoring, planting events, native pollinator meadow development and monitoring, bioretention installments, and other hands-on restoration projects.

Qualifications

- Bachelor's degree in environmental GIS, Ecology, Wildlife Conservation, or related field.
- 1-3 years of relevant experience.
- Clean driver's license and ability to drive to projects with own vehicle or company vehicles.

Required Skillset

- Experience with GIS software applications like the Esri product suite; especially ArcGIS Pro, ArcGIS Online, Field Maps, Story Maps, and Survey123.
- UAS mapping software experience encouraged, such as UAS map processing, experience with (or willingness to learn) Pix4D, Drone Deploy or other applications.
- Solid understanding of geodatabase organization and management practices.
- Proficiency in SQL.
- Remote sensing analyses and image processing.
- Statistical analysis of datasets, both tabular and spatial, and generating helpful visualizations to communicate information effectively.
- Strong problem-solving and analytical skills to interpret and present geospatial information effectively and honestly.
- Technical & scientific report writing.



- Ability to work independently and manage multiple priorities in a fast-paced environment.
- Proactive mindset with a willingness to learn and adapt to evolving technologies and industry practices.
- Must be able to thrive in a “results driven management” organization.
- Must be able to work well with others, with a team, be able to take constructive criticism and encourage others to be their best.

Additional Preferences

- Strong communication and organization skills
- Practices progressive thinking and has solutions oriented mindset
- Completes projects and tasks with attention to detail.
- Understanding of ecological practices, sustainability, and wildlife conservation
- Identification of regional flora, and general understanding of species’ natural history
- FAA Part 107 license, or willingness to obtain
- Experience writing Python or Java Script as it relates to GIS
- R and RStudio integration

Qualified candidates should send their resume and explanation of why they may want to work for Steward Green to info@stewardgreen.com

Salary and benefits package commensurate with experience.