



RESILIENT
FORESTRY

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Job Announcement

Analytical Ecologist

June 13, 2022

Summary

Classification: Full-time, Salary, Permanent

FLSA: Exempt

Pay Range: \$65,000 - \$70,000

Location: Fully remote. Must be willing to work a schedule compatible with PST.

Application Deadline: July 15, 2022. Applications will be considered on a rolling basis.

Desired Start Date: On or before August 1, 2022

Overview

Resilient Forestry is looking for an Analytical Ecologist to lead projects that leverage analytical workflows to answer ecological questions. These projects are holistic in nature and may include management of personnel and data, literature review, geospatial data analysis, statistical modeling, report writing, and presentation of results. Dataset used in analysis may include ecosystem metrics from field-collected lidar, imagery, and other geospatial data sources. Responsibilities include developing, maintaining, and supporting software tools for internal company use, conceptualizing and developing new methods for application of remotely sensed data sources to forest ecology and management projects, and participating in implementation of geospatial analysis and reporting for client projects.

Who We Are

Resilient Forestry was formed in 2018 in response to a regional need for ecologically-focused, science-driven consulting forestry. The firm is led by Sean Jeronimo, PhD and Miles LeFevre, MS each of whom has over a decade of experience in forest management, research, and analysis across the Pacific Northwest and beyond. Resilient Forestry focuses on conservation-oriented forest management, collaborative and multi-stakeholder forests, forest management on public land, and forest ecosystem analysis. We are based in Seattle and work across the Pacific Northwest with small and large public and private landowners on a range of projects.

Resilient Forestry's mission is to achieve the greatest outcome based on the best available science for our ecosystems and their surrounding communities. Our purpose is to clearly share our knowledge and expertise with forest managers to facilitate meeting functional ecosystem management objectives over the long term. We strive to translate the latest science into practical solutions that increase the efficiency and effectiveness of management actions.

Who You Are

- Experienced in designing and implementing moderately-sized coding projects, including writing clear, definitive software requirements and testing
- Experienced in processing and analyzing geospatial data
- Experienced in working with and managing large datasets
- Experienced with Git revision control system, or equivalent
- Experienced in working with Geographic Information Systems
- Experienced in Forestry, Ecology, or equivalent preferred
- High level of facility with Python scripting language
- Good understanding of parametric and non-parametric statistics
- Excellent organization, accuracy, and attention to detail
- Excellent written and verbal communication skills
- Highly analytical with the ability to perform well with minimal supervision
- Ability to manage multiple responsibilities
- Located in the Pacific Northwest preferred

What You Will Do

- Implementation of statistical and geospatial analysis and reporting for client projects
- Author and publish research articles describing new methods and/or applications as appropriate
- Identify working solutions to problems posed through the application of technologies
- Develop, maintain and support software tools for internal company use to import, organize, analyze, compare, and understand ecosystem metrics
- Conceptualize and develop new methods for application of remotely sensed data sources to forest ecology and management projects
- Remain up to date with industry best practices and tools for evaluating geospatial data; maintain awareness of forestry regulations to inform data analysis and compliance of output
- Opportunities to engage in occasional field work based on availability and interest

What You Will Get

- \$65,000 - \$70,000/year starting salary
- Group healthcare plan with dental and vision coverage
- Optional \$100/month HSA stipend with qualifying plan
- SIMPLE IRA retirement plan with up to 3% employer match
- 120 hours/year vacation
- Mileage and per diem reimbursements for travel at federal rates
- High level of flexibility with scheduling and daily tasks
- Opportunities to learn and improve skills

How To Apply

Visit www.resilientforestry.com/careers to submit an application.