

Position: Forest Carbon Modeling Analyst
Location: Remote or San Francisco, CA
Full Time

About the Organization

Founded in 2001, Bluesource is the leader in North American carbon markets, finance, and project development. Bluesource has established the largest portfolio of carbon projects and credits in North America, with over a dozen project types located in nearly every U.S. state and Canadian province, and nearly 70 million credits sold to compliance and voluntary market buyers. Bluesource is headquartered in Salt Lake City, with offices in San Francisco, Calgary, and Ontario.

About the Position

Bluesource seeks a dedicated forest industry professional to support the forest carbon modeling team through every stage of carbon project evaluation, implementation, verification, and monitoring. The successful candidate will have the unique mix of technical and practical skills necessary to both carry out the quantitative analyses central to forest carbon project development and synthesize the qualitative information that informs the technical components. Day-to-day responsibilities will cover a broad spectrum of activities to support the forest carbon modeling team such as conducting interviews on regional silvicultural practices, cleaning inventory data, liaising with inventory crews to answer questions, updating technical models for on-going projects, and supporting spatial data cleaning and analyses. The ideal candidate will be comfortable spending most of their time in the office but will enjoy occasional fieldwork at project locations across the nation. This is an excellent opportunity for an early or mid-level professional seeking a dynamic position in the center of the forest carbon market.

Primary Duties and Responsibilities

- Collaborate with forest carbon modeling team to balance multiple projects while meeting strict timelines
- Prepare tree data and information needed to model voluntary and compliance forest offset projects
- Prepare written project documents for verifiers, management, and stakeholders
- Update and maintain forest carbon inventory methodologies consistent with existing standards
- Estimate timber production and financial returns of alternative forest management plans
- Perform statistical analyses of inventory and other data sets
- Draft carbon project documentation
- Respond to verifier, registry, and CA ARB findings/questions
- Update existing carbon models for ongoing projects
- Conduct silvicultural research and conduct interviews with local experts across project regions
- Manage spatial databases and edit new project boundaries
- Analyze financial costs and benefits of carbon project development
- Compare financial returns of various forest management strategies
- Travel when necessary to project sites and/or conferences

Qualifications

The successful candidate will have a combination of the following qualifications:

Quantitative Skills

- At least 1 year of experience in a forestry-related occupation
- Bachelor's or Master's degree (preferred) in forestry or forest sciences
- Experience in forest management plans and/or harvest plan design
- Experience with FVS or similar growth and yield models
- Experience in ArcGIS mapping and analysis
- Highly proficient in Microsoft Excel, knowledge of Access databases is preferred
- Familiarity with R is preferred
- Experience cleaning and troubleshooting data
- Skilled in statistical analyses

Other

- Highly self-motivated
- Ability to work both independently and in a collaborative team setting
- Strong written and verbal communication skills
- Expertise in project management and demonstrated ability to coordinate among various stakeholders
- Knowledge of forest carbon policy, carbon protocols, and carbon accounting standards
- Strong interest in climate change and environmental issues

Compensation and Benefits

Bluesource offers an excellent benefits package and a competitive salary that is commensurate with experience. The position will be remote or in San Francisco, CA. Quarterly travel to San Francisco will be required.

To Apply

To be considered for this position, interested candidates should submit a resume, cover letter, and salary requirements to bparkhurst@bluesource.com. This position will remain open until filled.