GreenAssets®

Landowners Working with Landowners®

Job Description: Forest Carbon Analyst

Location: **Morgantown, W.V.**
Employee Type: **Full Time**
FLSA Status: **Exempt**
Report To: **Technical Director**

Green Assets is currently in search of highly motivated individual to join our team as a Forest Carbon Analyst. Founded in 2010, Green Assets is a leading forest carbon offset development firm. Green Assets provides informed, turn-key project development services to clientele, allowing for profitable conservation activities that help to maintain natural habitats and ecosystems.

Position Description

The Forest Carbon Analyst reports to the Technical Director. The Forest Carbon Analyst's work focuses on the areas of forest carbon offset consulting, design and implementation of forestry activities, quantification & analysis, forest management activity monitoring, tracking, and data management, as well as verification support. The Forest Carbon Analyst's principal responsibilities include:

Essential Duties of the Position

- Utilizes spreadsheets, databases, and other tools for forest carbon offset project development, monitoring, and verification;
- Computes volume, biomass, carbon stocking levels, and other attributes from forest inventory data;
- Participates in forest management planning pertaining to the monitoring and compliance requirements for forestry offset projects;
- Participates in forest inventory design (including stratification/plot allocation and field inventory methodology/SOP development), implementation/data collection, and related biometrics (including growth and yield modeling);
- Performs dendrochronological analyses supporting growth and yield modeling and age class assessments;
- Performs net Greenhouse Gas (GHG) emissions reductions quantification/modeling, financial analyses, and carbon accounting for client-held forest carbon offset projects;
- Provides effective Geographic Information System (GIS), Spatial Analyses, and Global Positioning System (GPS) support to team members;
- Performs remote sensing/aerial photography interpretation to assess detailed forest management and other land use information;
- Organizes forest management data;
- Works closely with team members to ensure accurate reporting of carbon stocks and net GHG emissions reduction for projects on client lands;
- Supports other team members with projects, workflow process improvements, and other duties as assigned;

Eligibility Requirements

- Bachelor's or Master's degree in Forest Resources Management, Forestry, or associated field (analytical focus preferred);
- Strong knowledge and a minimum of two years' experience with forest biometrics, statistics, growth and yield models (FVS and similar), and data management/processing;
- Demonstrated experience using spatial analysis technologies (i.e. ArcMap or other web-based GIS applications);
- Experience using GPS, and integrating field-acquired data into ArcMap for project documentation and processing;
- Desire and ability to rapidly develop expertise in forest carbon offset project protocols such as Climate Action Reserve, American Carbon Registry (ACR), and California Air Resource Board (ARB);
- Effective document preparation, presentation, and communication skills are required;
- Experience with MS Word, Excel, Access, and PowerPoint is required;
- Detailed, organized, and thorough in completing work tasks;
- Desire and ability to work cohesively as part of a team of experts;
- Ability to travel within the U.S. (up to 25% of time);

Preferred Skills

- Demonstrated experience using GIS software and aerial imagery for forest stratification and plot assessments
- Experience with database management, programming, and application of growth and yield models
- Experience developing and implementing Forest Inventory SOP's
- Experience working directly with landowners and understanding their perspectives
- Experience with forest carbon offset project protocols
- Current SAF Certified Forester/Candidate Certified Forester or state-registered forester licenses
- Sense of humor

General

Green Assets provides outstanding compensation and benefits to its employees/team members. The salary range for the Forest Carbon Analyst is commensurate with experience/education. For more information about Green Assets, please visit https://www.green-assets.com/.

If you are seeking one of the most interesting, challenging, and rewarding forestry related positions available, please send a letter of interest, resume, writing sample, and three professional references via email to jpomp@new-conservation.com by November 18, 2020.

Green Assets is an Equal Opportunity Employer.