

Forest Carbon Biometrician

As a member of Weyerhaeuser's Quantitative Systems and Inventory (QSI) team, you will work on a diverse range of projects and will support the Forest Carbon team within our Corporate Development Organization (CDO). In this role, you will work on projects supporting refinement of our harvest scheduling systems, forest inventory, quantitative silviculture, and economic modeling with consideration for uncertainty. Our group's mission is to ensure the availability of reliable and cost-effective forest information for the optimal management of Weyerhaeuser land and timber. The QSI team is committed to fulfilling this mission by providing world-class data acquisition, analytical technologies, and support.

The Forest Carbon Biometrician position will be based out of the Weyerhaeuser headquarters building in Seattle, WA, and has the option for a flexible/hybrid work schedule. Other possible work locations are our offices in Madison, GA and Hot Springs, AR.

KEY FUNCTIONS

Forest carbon projects

- Design, develop, maintain, deploy, and support the toolchain for carbon projects including data transform and processing, growth and yield modeling, harvest scheduling and scenarios analysis, verification, and validation
- Collaborate with peers and cross-team colleagues in all aspects of project work including project development, scheduling, analysis, and reporting
- Oversee forest inventories, cruise design and sampling protocols consistent with carbon registry methodologies

Harvest scheduling

- Contribute to the development and support of the internal harvest scheduling system to enable the Timberlands business to optimize value-generation and investment decisions
- Participate in developing innovative stochastic optimization techniques to incorporate uncertainty and risk in the timberlands harvest planning
- Work as a member of the QSI team to design, develop, and maintain the elements of our forest modeling and biometric systems including growth and yield models, volume and merchandizing models, financial valuation models, remote sensing tools
- Partner with other teams in Strategy and Technology, Inventory and Planning, and throughout the Timberlands business to perform various analyses using QSI-supported tools

QUALIFICATIONS

Education: Masters degree (or higher) in Forestry, Forest Ecology, Forest Biometrics, Forest Operations or related technical fields

Experience: We place an emphasis on our candidate's skills, willingness to learn, and drive results. We prefer candidates who can demonstrate a deep understanding of forest biometrics, forest carbon offset program protocols, forest operations research, the use and interpretation of growth and yield models and forest inventory data.

Technical Skills: Demonstrated experience leading successful forest carbon projects and driving success without direct authority in a matrix organization. Experience working with forest inventory data and forest growth and yield modeling (including the Forest Vegetation Simulator, FVS). This role requires specific experience and training in forest harvest scheduling with Remsoft Woodstock and/or linear mixed-integer programming with commercial solvers (Gurobi or CPLEX). Demonstrated proficiency in R, C++, Python, SQL is preferred. The successful applicant understands fundamental concepts in forest economics and their application to developing realistic forest operations plans.

Drive: We are looking for someone who is eager to learn, engages with subject matter experts, and business clients; works well with their team; and who looks for opportunities to improve processes, while applying their technical expertise to ensure analytical rigor and effective implementation of our decision support tools in our Timberlands business environment.

Communication: Strong communication and interpersonal skills are essential for working effectively with a diverse set of internal and external clients.

Safety: We expect all team members to hold themselves and their team members accountable to a high level of safety awareness and safe behavior. Our goal is an injury-free workplace.

WHAT WE OFFER

Compensation: This role is eligible for our annual merit-increase program, and we are targeting a salary range of \$86,742 - \$130,250 based on your level of skills, qualifications and experience. You will also be eligible for our Annual Incentive Program, which offers a cash bonus targeting 7% of base pay. Potential plan funding may range from zero to two times that target.

Benefits: When you join our team, you and your dependents will be offered coverage under our comprehensive employee benefits plan, which includes medical, dental, vision, short and long-term disability, and life insurance. We offer a pre-tax Health Savings Account option which includes a company contribution. Other benefit options are also available such as voluntary Long-Term Care and Employee Assistance Programs. We also support personal volunteerism, sponsor a host of diversity networks, promote mentoring, and provide training and development opportunities to help you chart your path to a fulfilling career.

Retirement: Employees are able to enroll in our company's 401k plan, which includes a paid company match in addition to our annual contribution equal to 5% of your base salary.

Paid Time Off or Vacation: We provide eligible employees who are scheduled to work 25 hours or more per week with 3-weeks of paid vacation to use during your first year of employment. In addition, after being employed for six months, eligible employees begin to accrue vacation for future use. We also recognize eleven paid holidays per year, providing a total of 88 holiday hours

About Weyerhaeuser

We sustainably manage forests and manufacture products that make the world a better place. We're serious about safety, driven to achieve excellence, and proud of what we do. With multiple business lines in locations across North America, we offer a range of exciting career opportunities for smart, talented people who are passionate about making a difference.

We know you have a choice in your career. We want you to choose us.

Weyerhaeuser is an equal opportunity employer. Inclusion is one of our five core values, and we strive to maintain a culture where all our people feel a sense of belonging, opportunity and shared purpose. We are committed to recruiting a diverse workforce and supporting an equitable and inclusive environment that inspires people of all backgrounds to join, stay and thrive with our team.

Apply Online: <http://weyer.jobs/20684>

Job Location: Seattle, WA; Hot Springs, AR; or Madison, GA

Beginning Date of Work: Targeted start date March 2024

Opening and Closing Dates: 2/15/24 – 2/29/24

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