GreenWood Resources is hiring a Forest Biometrician to be based in our corporate office in Portland, Oregon or in any of our South American offices in Colombia, Brazil or Uruguay.

Position Title:	Forest Biometrician
Reports to:	Forest Inventory Manager
FLSA:	Exempt
Target Hire Date:	Mid-February
Deadline to Apply:	January 15, 2018
How to Apply:	http://greenwoodresources.com/about/job-opportunities/

Overall Responsibilities:

The Forest Biometrician is responsible for implementing, maintaining and supporting forest growth and yield models and other forest inventory-related systems for GreenWood Resources, Inc. (GWR) under the direction of GWR's Forest Inventory Manager. This position will be focused on supporting GWR's South American forest assets currently under management, as well as potential future investments in the region

The successful candidate will function as a primary authority on the selection, application, and validation of appropriate growth models, taper systems and merchandising functions to support GWR investment strategy and resource planning in this region. While the position will be focused on supporting South American assets, this position may provide support in other regions as needed.

Essential Responsibilities:

- Identify candidate growth and yield models or equations for a variety of species in different regions of South America.
- Perform model comparison and validation analyses.
- Where applicable, locally calibrate models with measured data.
- Work with GWR's inventory team to build growth and yield models and equations for species and locations not covered by GWR's existing library of models.
- Run models with GWR inventory data to produce yield tables for harvest scheduling activities on both properties under management and potential acquisition properties.
- Coordinate the collection and assist in the analysis of destructive sampling data for different species in different regions to improve volume and volume by product estimation.
- Work with GWR's Resource Planning & Analysis team to build and maintain merchandising systems for the different species in each tree farm under management.
- Perform cutout analyses to test growth and yield predictions against collected harvest volume data.
- Prepare and load the compiled and grown inventory data into GWR's forest management system on a regular basis.

- Produce inventory reports covering a variety of topics related to growth model development and application.
- Assist in the analysis of potential tree farm acquisitions within targeted countries through the development and application of growth and yield models and equations to provided or collected inventory data.
- Provide decision support analysis for ad hoc projects relating to inventory or growth and yields for properties under management (ex. carbon assessment, silviculture regime options, etc.)
- Use a full range of tools to perform growth and yield-related management and analytical and reporting tasks, including:
    - Public and proprietary growth and yield models spanning a range of species and geographies
    - Statistical software and modeling tools (R, SAS, Stata, etc.)
    - Microsoft Access and Excel, SQL/SQL Server databases
    - Trimble LRM forest management software
    - ESRI software (ArcMap, ArcCatalog, etc.)
- Represent the company at technical/professional meetings as appropriate.

Scope:
- Work under the direction of the Forest Inventory Manager in coordination with corporate Resource Planning staff within a team environment.
- Utilize resourceful thinking, responsible decision making and problem solving skills.
- Perform multiple tasks in an environment of changing priorities.
- Understand company strategy and vision to support company growth in South America.
- Regional travel in South America required as needed to achieve goals.

Requirements:
- Bachelor's degree in Forestry required; graduate degree in Forest Management, Biometrics, Silviculture and/or Statistics preferred.
- Minimum of five years of directly applicable forest biometrics and inventory work experience required, ten or more years preferred.
- Strong technical ability in quantitative analysis, statistics, and relational databases required; GIS experience desirable.
- Experience with South American forest plantation management and species required.
- Excellent verbal and written communication skills in both English and Spanish or Portuguese required.
- Understanding of the principles of forestry investment analysis.
- Ability to manage and prioritize multiple concurrent projects efficiently.
- Strong organizational skills.
- Excellent discretionary judgment skills.
- Willingness to travel up to 20% of time to domestic and international areas as needed.

Benefits (vary by country):
- Medical, dental, and vision insurance
- 401(k) with employer match
- Short-term and long-term disability insurance
- Flex spending accounts
- Paid vacation and sick time and holidays

This position description is not intended to be and should not be construed as an all-inclusive list of responsibilities, skills or working conditions associated with this position. While this description is intended to accurately reflect the position's activities and requirements, GreenWood Resources, Inc. reserves the right to modify, add or remove duties as necessary.

ABOUT US:
GreenWood Resources, Inc. (GWR), was founded in 1998 and is a global timberland investment management company that acquires, develops, and manages sustainable, short-rotation hardwood in addition to more traditional hardwood and softwood timberland assets. GWR specializes in creating value through the integrated deployment of improved plant material and intensive silvicultural management strategies to create attractive risk-adjusted returns in selected regions of the world. We focus on the science and technology of tree breeding and growth which distinguishes us from other timberland investment management organizations. GWR's core competencies include capital management, superior plant material, tree improvement methodologies, tree farm operations, and sales and marketing. These skills are uniquely integrated to produce superior, risk-adjusted returns for investments in forestry. GWR's strategy meets the growing demand for sustainably harvested trees and provides responsible environmental stewardship for renewable forest resources. Today, GWR is a subsidiary of the leading financial services provider, TIAA, and has more than 150 professionals with offices and field locations in North America, South America, and Central Europe. GWR currently manages approximately $1.8 billion of assets or commitments.
www.greenwoodresources.com