

## Position Announcement

**Position: Forest Biometrician**  
**Location: Charlotte, NC/Remote**  
**Reports To: Manager, Biometric Services**

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**American Forest Management, Inc. (AFM)** is the largest forest consulting firm in the United States. AFM currently manages over 5.7 million acres of privately owned timberland and has sold over \$3.2 billion in real estate transactions under AFM Real Estate, a subsidiary of AFM. With 290+ employees operating from 52 offices located in 17 states, Panama and Costa Rica, AFM's team of professionals is focused on meeting client needs by providing a complete range of forestry services. Our small regionally dispersed offices allow us to provide individualized services, and our large overall size allows us to coordinate teams of foresters and technical specialists for large, complex jobs.

AFM's team of professionals is focused on meeting client needs by providing a complete range of forestry services including land and wildlife management, land sale and acquisition services, forest inventory and design, growth and yield modeling, cash flow projections, environmental services, appraisal, forest resource data management and harvest scheduling.

### Principal Duties and Responsibilities

- Maintain and enhance growth and yield applications in AFM data management and harvesting scheduling applications
- Develop and maintain growth and yield models for current and new AFM regions
- Assist in the incorporation and utilization of remotely sensed data into AFM systems
- Develop growth and yield applications for economic analysis and decision support for AFM and AFM clients
- Growth and yield support and training for AFM operating groups and AFM clients
- Process and utilize available AFM data to develop and enhance current and future growth and yield modeling
- Participate in various forestry co-operatives
- Continue professional development by attending conferences, meetings, and training

### General Experience and Qualifications:

- Minimum Master's Degree in Forestry/Natural Resources or closely related field or equivalent work experience
- Experience and knowledge in developing growth and yield systems
- Exhibit knowledge and understanding of common growth and yield systems used in AFM operating regions
- Experience analyzing large datasets
- Experience working with GIS spatial processing and analysis
- Experience applying remote sensing tools such as LiDAR, imagery, and small area estimation for forest inventory
- Understanding of artificial intelligence techniques such as deep learning
- Working knowledge of database design and structure

- Ability to work with customers and teammates in developing creative, cost-effective, value-added applications
- Ability to convey ideas and methodologies to colleagues and customers through written reports, presentation material, and verbal communication
- Must be able to manage projects independently and work with teams to integrate components in overall project development and implementation

#### **Programming/Software Utilization Skills**

- Proficiency in Microsoft 365 suite including Word, Excel, and Teams
- Proficiency in R with experience creating packages and working with spatial and data manipulation packages
- Proficiency in R-Studio Shiny and R Markdown
- Proficiency in ArcGIS Pro and ArcGIS Online or QGIS
- Working Understanding of computer programming (VB, C, Python, etc.)
- Understanding of SQL and query processes
- Knowledge of Remsoft's suite of forest optimization software

#### **Salary and Benefits**

- Salary commensurate with qualifications and experience
- Paid holidays
- Paid vacation schedule
- Healthcare and disability plan
- 401(K) retirement plan
- Eligible for annual bonus plan

**To apply, please go to: <http://atsod.com/j/s.cfm/12HE>**