AMERICAN FOREST
MANAGEMENT

Position Announcement

Job Title: **Forest Biometrics Analyst**
Location: **Charlotte, NC**
Beginning Date: **Immediately**

American Forest Management, Inc. (AFM), a leading provider of forestry and real estate consulting services, is seeking a qualified individual to join our team in Charlotte, N.C. AFM employs over 250 professionals operating from 45 offices located in 16 states with over 5 million acres under management, including operations in the Lake States, Pacific Northwest and Inland Empire, Southeast, Northeast, and internationally.

The successful candidate will perform growth projections, data manipulation, develop growth and merchandising applications along with inventory analysis, and data science projects within AFM's Forest Planning and Analysis Group for AFM and its clients. A responsibility of this position will be to assist in the development, integration, and maintenance of AFM's growth and merchandising system used for inventory processing and updating in all regions. Additional responsibilities include the maintenance and development of applications for forest planning, investment analysis, forest data management, and silvicultural decision support. This position will assist with timberland acquisition analysis and resource planning for clients throughout the AFM operating area. The successful candidate must have excellent communication skills to interpret results and interact with other AFM operating groups and clients.

Responsibilities
- Maintain and enhance growth and yield applications in AFM data management and harvest scheduling applications
- Assist in the model development, integration, and maintenance of AFM's web-based data management application
- Develop and maintain growth and yield models for current and new AFM regions, specifically Latin America
- Assist in the incorporation and utilization of LiDAR and other 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 as requested
- 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
- Exhibit knowledge of the following growth and yield models with proficiency in one:
  - Forest Vegetation Simulator (FVS)
  - Forest Projection System (FPS)
  - Southern pine plantation models (FMRC, PMRC)
  - ORGANON
- Experience with inventory data processing and work-up
- Ability to work with internal customers and teammates in developing creative cost-effective, value- added applications
- 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 R, R-Studio (Shiny, R-Markdown)
- Proficiency in Microsoft Office suite
- Understanding of remote sensing tools such as LiDAR
- Understanding of database design and structure
- Understanding of cloud based computing such as AWS or Google platform
- Understanding of computer programming (VB, C, Python, etc)
- Knowledge of Remsoft's suite of forest optimization software

Compensation

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

To apply, please go to: **http://atsod.com/j/s.cfm/J1V**