

FORESTER **REPOST** (GIS Forester)

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Company: Maryland.gov

Location: Worcester

Category: life-physical-and-social-science

Main Purpose of Job

This position serves as a GIS Forester at Chesapeake Forest and Pocomoke State Forest and provides technical and professional support in the areas of forest management,

Geographical Information Systems (GIS), recreation management, and forest protection..

This is a critical and highly skilled position responsible for managing a complex integrated geospatial (GIS) database management system utilized in the development of annual forest work plans to direct on-going sustainable forest management activities on two State Forests.

This position is also responsible for running highly sophisticated modeling software to verify sustainable harvesting levels consistent with third-party forestry certification standards.

Position is also responsible for implementing daily field operations of the Chesapeake Forest and Pocomoke State Forest, including timber sale preparation for revenue generation, inventory work for the development of the annual work plan/long-range management plan, maintaining updated boundary shape files, managing recreational uses, and boundary reconciliation

and maintenance, and geo-referencing boundary lines to new GIS reference points. Position is essential for achieving requirements of Sustainable Forestry Initiative (SFI) and Forest Stewardship Council (FSC) third-party sustainable forestry certification. Position

requires highly specialized knowledge of GIS software (ArcGIS Pro), forest modeling software (Remsoft), operation of GPS and field data recorders, and ability to integrate this information into the Chesapeake Forest data management system. Requirements include querying the database to develop alternative management strategies and the production of specialized forest management maps used in the Public Review process. In addition, this position is

responsible for managing and updating the Hunt Club lease portion of the database, along with tracking lease payments from about 250 Clubs. The duties described above are critical for maintaining a sustainable forest land base within our State Forest system. This directly supports the Departmental mission of securing a sustainable future for our environment, society, and economy by preserving, protecting, restoring and enhancing the State's natural resources while supporting the goal of inspiring Marylanders to live in harmony with nature and to protect the Chesapeake Bay.

POSITION DUTIES

The Department of Natural Resources, Forest Service, is currently accepting applications for a Forester at Chesapeake Forest and Pocomoke State Forest in Snow Hill. This position serves as an assistant forester and provides technical and professional support in the areas of forest management, Geographical Information Systems (GIS), recreation management, and forest protection. Position assists with the field operations of Chesapeake Forest and Pocomoke State Forest, including timber sale preparation, forest inventory work for the development of the Annual Work Plan and the Sustainable Forest Management Plan, maintaining updated boundary shape files and geo-referencing boundary lines to new GIS reference points, managing and implementing recreational trail grants, managing recreational uses, and boundary reconciliation and maintenance. Position assists with achieving requirements of Sustainable Forestry Initiative (SFI) and Forest Stewardship Council (FSC) third-party sustainable forest certification. Position requires working knowledge of current GIS applications and the ability to integrate and manage system data for necessary operational support.

MINIMUM QUALIFICATIONS

Education: A Bachelor of Science degree in forestry from a school of forestry accredited by the Society of American Foresters.

Experience: None.

Notes:

1. Candidates may substitute the possession of a Master of Science degree approved by the State Board of Foresters for the required Bachelor's degree.
2. The education requirement is pursuant to Business Occupations and Professions Article, Sections 7-206 and 7-304 of the Annotated Code of Maryland.
3. Candidates may substitute Armed Forces military service experience as a commissioned officer in the natural resources management and biological sciences classifications or

natural resources management and biological sciences specialty codes in the forestry field of work on a year-for-year basis for the required education.

DESIRED OR PREFERRED QUALIFICATIONS

Training and/or experience in forest data collection and analysis.

Training and/or experience in GIS use.

LICENSES, REGISTRATIONS AND CERTIFICATIONS

Employees in this classification may be assigned duties which require the operation of a motor vehicle. Employees assigned such duties will be required to possess a motor vehicle operator's license valid in the State of Maryland.

SPECIAL REQUIREMENTS

1. Candidates appointed to positions in this classification will be subject to assignment in any county of the State. Upon permanent appointment, the employee will be required to reside in the county or region to which they are assigned.
2. Employees in this classification are subject to call-in and, therefore, are required to submit a telephone number where they can be reached in case of forest fire emergencies.

SELECTION PROCESS

Please make sure you provide sufficient information on your application to show that you meet the qualifications for this recruitment. All information concerning your qualifications must be submitted by the closing date. We will not consider information submitted after this date.

Successful candidates may be ranked as Best Qualified, Better Qualified, or Qualified and placed on the employment (eligible) list for at least one year. For education obtained outside the , a copy of the equivalent American education as determined by a foreign credential evaluation service must be provided prior to hire.

EXAMINATION PROCESS

Your application is part of the examination process. The examination will consist of a rating of your education, training, and experience related to the requirements of this position. The rating will be based on the information provided on your application. Therefore, it is important you provide all the experience and education related to this position completely and accurately.

BENEFITS

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