

NATURAL RESOURCES FORESTRY SPECIALIST

The Division of Forestry is organized both hierarchically and by geographic unit. In the field, it is organized geographically (from smallest to largest) into Field Stations, Areas, and Regions. Field positions report administratively to their respective supervisor and receive program direction from Central Office staff. Classification level is a function of both the size of the geographic unit and the responsibility for program(s). Central Office jobs typically have a statewide focus and varying levels of program responsibility.

KIND OF WORK

Professional forest resource management work.

NATURE AND PURPOSE

Under general supervision, appraise timber, prescribe forest development treatments, enter and analyze data for the geographic information system, plan and conduct aerial photography for the resource assessment program, and extinguish wildfires as a member of a fire suppression team; perform related work as required.

This class differs from NR Technician-Forestry in that work includes administrative duties, analysis of data and report writing, some lead work responsibilities, and a greater level of discretion. It differs from the Intermediate level by having a narrower range of duties, fewer administrative responsibilities, less discretion, and the absence of overall responsibility for ongoing projects.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Appraise state timber resources, assign values and harvest regulations, supervise harvest, measure cut products and prescribe forest development treatments.

Appraise non-industrial private timber resources and make forest management recommendations to owners.

Enter, update and analyze geographic information system information and produce reports and maps.

Plan, coordinate and conduct aerial surveys, and interpret and map aerial photography for the resource assessment program.

Extinguish wildfires to protect forest resources, lives and real property.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Scientific principles involved in forest resource management sufficient to administer and implement appropriate management practices. This may include: plant physiology; dendrology; silviculture; soil science; chemistry; biology; botany; geology; entymology; forest ecology and meteorology.

Aerial photography sufficient to select suitable photos and interpret them.

Forest mensuration, economics and survey and appraisal techniques sufficient to carry out assigned programs.

Wildlife species and their habitat needs sufficient to prescribe, conduct and evaluate management activities that benefit wildlife.

Fire management techniques sufficient to identify the role of fire and to use it appropriately.

Recreation management sufficient to develop and manage a variety of recreation facilities.

Wood marketing and utilization sufficient to promote sound and efficient use of forest resources.

Statistics sufficient to ensure the accurate collection and interpretation of forest data.

Skill in:

Human relations sufficient to deal appropriately with supervisors, coworkers, other department employees, other government agencies staff, special interest groups, loggers, forest product industry staff, and the general public in a variety of situations.

Use of forestry instruments, equipment and techniques sufficient to perform duties requiring them.

Ability to:

Communicate orally and in written form sufficient to clearly convey information on forest management practices to the general public, special interest groups and other department employees.

Est.: 05/50
Rev.: 10/89

T.C.: 10/89
Former Title(s): Forester 1
Conservation Manager 1
NR Manager 1
NR Specialist 1
NR Specialist 1 (Forester)