

Specification for Class of

NATURAL RESOURCE RESEARCH TECHNICIAN III

Abolished Effective July 1, 2007

Definition: Serves as an independently responsible and highly skilled technical specialist, and/or supervises a specialized large scale facility, supporting natural resource research or a practicing scientist.

Distinguishing Characteristics: Positions in the series are distinguished from professional research or practicing scientist positions by their operation within a research plan and by their dependence on established methodology. The Technician relies on practical judgement and substantial training and experience to achieve specific objectives.

Positions in this classification fulfill broad objectives within a research plan. They are responsible for a principal phase of a major agency research project, with accountability for supportive planning, implementation, evaluation and reporting. They frequently are required to independently evaluate highly complex conditions and data involving a wide range of variability. They develop new techniques as needed to solve specific problems.

Typical Work

Selects methods, procedures and sites to meet objectives of study plan; develops technical recording and reporting procedures; trains and supervises personnel in survey, sampling, reporting, analysis and other project tasks; samples, analyzes and evaluates specific types of data; takes action or makes recommendations based on preliminary interpretation of data;

Evaluates, modifies and applies related methods, procedures and techniques developed by others in specialized area of study; independently selects, interprets and applies technical guidelines where precedents are not fully applicable;

Acts as Department technical authority in area of expertise providing technical consultive service to Resource Managers and other groups;

Assists in the planning and execution of major Department control and treatment projects, including the hiring, training and supervision of technical and field personnel;

Installs, operates, maintains and calibrates a variety of specialized equipment and instruments;

Performs final preparation of data; writes project reports; presents project findings to Department, other governmental or private groups;

Attends technical and professional meetings;

Performs other work as required.

Knowledge and Abilities

Knowledge of: statistical theory and techniques; logic and grammar; basic methods of problem solving; research methods; technical procedures; body of knowledge in specialty field; agency's purpose; objectives of programs and activities.

Ability to: reason logically, draw valid conclusions and make appropriate recommendations; gather and analyze data; provide technical expertise; participate in conferences and interviews; speak and write effectively; establish and maintain effective working relationships.

Minimum Qualifications

1. A B.S. degree with major study in forestry or related natural science (the related natural science is designated on the classification questionnaire for each position).

AND

2. Two years of experience in natural resource research.

OR

An A.A. degree in forest technology, or related natural science.

AND

NATURAL RESOURCE RESEARCH TECHNICIAN III

95130

Four years experience as a Natural Resource Research Technician, Forest Technician, Fish and Game Technical Aide or Technical Aide in related natural science.

New class

Effective December 10, 1973