The Nature Conservancy

JOB DESCRIPTION

JOB TITLE: NATURAL RESOURCE MANAGER, KAUA‘I

PROGRAM: Science

JOB FAMILY: Science

JOB NUMBER: 400001 (Applied Scientist I)

SALARY GRADE: 6

FLSA STATUS: Exempt

BASIC QUALIFICATIONS:
Please address in your cover letter how you meet the following 5 basic qualifications

• Graduate degree in science-related field and 1 year experience, or the equivalent combination of education and experience.
• Experience collecting, manipulating, analyzing and interpreting scientific data and preparing reports of findings.
• Experience collecting and managing GPS and GIS data related to threat abatement goals, objectives and activities.
• Experience coordinating multiple field projects in remote, rugged conditions involving invasive plant & animal control, fence construction, and helicopter operations.
• Experience working with Hawai‘i’s natural systems and cultural practices.

ESSENTIAL FUNCTIONS:
The Natural Resource Manager (NRM) provides technical and scientific guidance for conservation actions including field operations, data collection and analysis, conservation action planning (CAP), measures of conservation success (MOS) and reporting. Responsibilities include the following functions:

• Develops and implements large-scale threat abatement projects aimed at controlling invasive plants and animals.
• Manages experimental weed and feral animal control operations in remote, rugged areas.
• Develops deliverables for threat abatement grants and contracts.
• Conducts field and helicopter surveys to monitor threat status and assess the efficacy of threat abatement strategies.
• Collects and manages GPS and GIS data related to threat abatement goals, objectives, and activities.
• Provides spatial data analysis, and reports on program actions.
• Supervises field staff in planning and executing fieldwork and other essential tasks.
• Participates in field operations in remote, rugged terrain involving camping and helicopter transport.

REQUIRED KNOWLEDGE AND SKILLS:

• Graduate degree in science-related field and 1-2 years experience, or the equivalent combination.
• Ability to collect, manipulate, analyze, and interpret scientific data and prepare reports of findings.
• Knowledge of native Hawaiian species, natural communities, and current trends in land mgmt and natural resource preservation.
• Managing time and diverse activities under deadlines while delivering quality results.
• Working knowledge of software applications (e.g.; Word, Excel, Web browsers) and ability to use provided computer technology to enhance the quality of work.
• Proficiency with ESRI ArcGIS Desktop applications.
• Operational experience with global positioning systems (GPS) and field mapping techniques.
• Experience in conducting and leading alien species control operations in remote and rugged terrain using hazardous material and equipment.
• Experience with herbicidal weed control techniques and regulations.
• Experience with map reading and orienteering. Must be able navigate extremely rugged terrain using maps, compass, and GPS.
• Experience supervising others in the completion of tasks in an outdoor setting. Responsibilities include training others, managing performance, and communicating goals.
• Ability to obtain related licenses or certifications such as, Wilderness First Aid/CPR, Helicopter Safety and Sling Load, Hawaii State Hunting License, Restricted Use Pesticide Applicator License, and Rappelling.
• Current and valid driver’s license.
• Ability to perform physical work in adverse conditions and inclement weather.
• Communicating clearly via written, spoken and graphical means in English and other relevant languages.

COMPLEXITY/PROBLEM SOLVING:
• Ability to coordinate multiple projects with several variables, setting realistic deadlines and managing timeframes.
• Compiles and organizes scientific data with attention to detail.
• Analyzes situations, evaluates alternatives and implements solutions.
• Interprets guidelines, evaluates information and modifies processes to adapt to changing circumstances.

DISCRETION/LATITUDE/DECISION-MAKING:
• Work affords opportunity to act independently on assigned tasks.
• Makes independent decisions based on analysis, experience and judgment.
• Performs tasks with minimal supervision.

RESPONSIBILITY/OVERSIGHT – FINANCIAL AND SUPERVISORY:
• May help develop work plans and project budgets.
• May negotiate and contract with vendors.

COMMUNICATIONS/INTERPERSONAL CONTACTS:
• Ability to work cooperatively with a number of staff and external parties, sometimes under pressure, in order to complete project work and goals in a timely manner.
• Provide a variety of information to staff and others, contributing to conservation projects and assisting workflow throughout the organization.
• Work and communicate effectively with a diverse group of people, including scientists, preserve staff and others, providing and obtaining needed information.
• Ability to write grants and researching proposals.

WORKING CONDITIONS/PHYSICAL EFFORT:
The Applied Scientist I may work in variable weather conditions, at remote locations, on difficult and hazardous terrain and under physically demanding circumstances. These conditions may:
• require physical exertion and/or muscular strain
• present possibility of injury
• require long hours in isolated settings

TO APPLY:
Please complete an online application by October 31, 2012 at www.nature.org/careers and upload as one document, a resume and cover letter. Your cover letter must address how you meet the 5 Basic Qualifications required above.

The Nature Conservancy is an Equal Opportunity Employer.