**Job Description**

**Job Title:** Senior Plant Ecological Research Technician

**Job ID:** 12518

**Project Name:** UHH/Natural Sciences Division

**Full/Part Time:** Full-Time

**Regular/Temporary:** Regular

Regular, Full-Time, RCUH Non-Civil Service position with the University of Hawaii at Hilo (UHH) Development of Novel Ecosystems: Carbon Storage Project, located at Hilo, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, availability of funds, and compliance with applicable Federal/State laws.

**MINIMUM MONTHLY SALARY:** $2,189/Mon.

**DUTIES:** Responsible for performing field work and lab work in forests in Hawaii. Engages in creation of experimental restoration plots, and subsequent field sampling of plant communities and soils, using standard ecological techniques. Compiles, summarizes, interprets, and assesses data. Trains others in the field and lab to quantify plant and soil samples as needed. Works effectively with a team of individuals from multiple institutions, and coordinates communication and knowledge sharing. Coordinates field and lab activities of undergraduate and graduate students. Exercises initiative in developing solutions to common technical and procedural problems. Performs data entry, summarization and statistical data analyses on desktop computers, produces figures and does writing for scientific publications, keeps computer files of field and laboratory data up-to-date, and maintains laboratory equipment. Applies basic laboratory and skills to perform day-to-day project management, and communicates among team members.

**PRIMARY QUALIFICATIONS: EDUCATION:** Bachelor’s Degree from an accredited four (4) year college or university in Biology, Botany, Ecology, Environmental Science, or other Biological discipline.

**EXPERIENCE:** At least four (4) years of research experience in field and lab sampling including, but not limited to ecosystem-scale analyses, set up and troubleshooting in a laboratory setting.

**ABIL/KNOW/SKILLS:** Background knowledge in community and ecosystem ecology in order to implement functional biology approach to restoration. Basic knowledge in the principles of plant ecology, including but not limited to, a working knowledge of computer programs used for statistical analyses and website design. Basic knowledge of the flora of Hawaii, and able to key out and identify unknown species. Knowledge of the basic principles of biological sciences, including ability to assess readings and measurements taken, tests executed, observations made, work completed, samples collected, etc. Basic knowledge of accepted safety practices to prevent injury and loss of life. Able to understand and relate the significance of the results to the higher objectives to which the activity is related, (i.e., must assess the worth of the data by considering its applicability to the higher objective by assessing and reporting on the characteristics and quality of the source of the data, or by otherwise creatively interpreting the data produced). Able to organize and complete multiple laboratory and field procedures on a daily basis. Able to safely handle chemicals and work with high attention to detail for completion and verification of laboratory procedures. Willingness to conduct routine laboratory functions, including ordering and inventorying of supplies, and maintenance of laboratory equipment. Able to complete nutrient analyses and field work involving physical labor. Able to maintain and update databases for records and data storage. Able to successfully perform multi-task duties as described.

**PHYSICAL/MEDICAL REQUIREMENTS:** Able to hike and carry up to forty (40) pounds of heavy equipment.

**SECONDARY QUALIFICATIONS:** Master’s Degree from an accredited college or university Biology,
Botany, Ecology, Environmental Science, or other Biological discipline. Experience with plant functional trait sampling, including competence in nutrient processing of plant and soil samples for nitrogen and phosphorus concentrations. Demonstrates strong organizational skills in data and people management through previous work experience.

**INQUIRIES:** Rebecca Ostertag 974-7361 (Hawaii).

**APPLICATION REQUIREMENTS:** Please go to www.rcuh.com, click on “Employment”; select “Apply” and navigate to “See Job Announcements and/or Apply for a Job.” You must submit the following documents online to be considered for the position: 1) Cover Letter, 2) Resume, 3) Salary History, 4) Supervisory References, 5) Copy of Degree(s)/Transcript(s)/Certificate(s). All online applications must be submitted/received by the closing date (11:59 P.M. Hawaii Standard Time/RCUH receipt time) as stated on the job posting. If you do not have access to our system and the closing date is imminent, you may send additional documents to rcuhhr@rcuh.com. If you have questions on the application process and/or need assistance, please call (808)956-8344.

EEO/AA Employer.

**Please apply before** 10/28/2012