

# *Pacific Southwest Research Station*

## **Outreach Announcement: Biological Science Technician: GS-404-07**

**Reply Due: October 13, 2009**

The Institute of Pacific Islands Forestry will be advertising for a term biological science technician for one year with potential to extend for an additional year depending on funding. The position will be a single graded position at the GS 07 level with no promotional potential. The incumbents will provide key technical assistance to scientists involved in a dry forest restoration and fine fuel reduction research project at Pohakuloa Training Area (PTA) and Puu Waawaa (PWW). The goals of this research program are to quantify restoration potential and develop restoration prescriptions for remnant Hawaiian dry forests and shrublands, and develop effective fuel and fire risk reduction measures that initiate succession of degraded grasslands into native woody communities. The focus of this project includes: (1) quantifying the structural and functional characteristics of reference remnant forests and the extent to which those characteristics have deviated or been lost from degraded landscapes; (2) quantifying to what extent can native forest structural and functional characteristics at many spatial scales be reproduced; and (3) understanding, and developing methods to overcome, environmental and biological constraints to re-establishment of native forest ecosystem in degraded landscapes: developing and testing systems for management of native Hawaiian forests.

**DUTIES:** The incumbent will perform technical assignments consisting mostly of, but not limited to ecological field, laboratory, and greenhouse experiments that require the use of accepted, standardized ecological practices. Work will require use of a variety of specialized tools and equipment to carry out procedures, methods and practices. The employee will be responsible for planning and conducting discrete and straightforward portions of larger projects pertaining to the overall goals of the research program. Field duties will include locating study areas, establishing study plots, gathering data, and deploying specialized equipment; coordinating restoration activities at Pohakuloa Training Area and Puu Waawaa including collection of seed from native plants, outplanting of native plants into sites prepared by herbicidal control of non-native grasses, and monitoring the successes and failures of these restoration efforts. Data will be collected from a variety of sources such as specialized instrument readings, measurements, tests, observations, and/or inspections. The incumbent will keep accurate records; organize observational and experimental data gathered in the field, laboratory, or greenhouse; perform data transformations and statistical manipulations using existing computer facilities; and accurately summarize the data for manuscript preparation. In addition, the employee will prepare documents, diagrams, charts, and/or graphs for presentation, organize and supervise volunteer work crews, and participate in community outreach activities.

**WORK ENVIRONMENT:** Work is performed in office, laboratory and greenhouse environments, and often in a field environment where terrain is often uneven, rocky, and covered with thick vegetation, and where there is exposure to extremes of weather and temperature. The employee sometimes may be required to use protective clothing and equipment.

The vacancy announcement for this position will be posted on the U.S. Government's official website for employment opportunities [www.usajobs.gov](http://www.usajobs.gov).

***If you are interested in receiving a copy of the vacancy announcement for this position ...*** complete the attached Outreach Notice Response Form and return it to the Institute of Pacific Islands Forestry no later than October 13, 2009.

## Outreach Notice Response Form

**I am interested in the Biological Science Technician GS-0404-07 position  
at the Institute of Pacific Islands Forestry in Hilo, Hawai'i  
and would like to receive a copy of the Vacancy Announcement.**

**Reply Due : October 13, 2009**

Please complete this form and send to: scordell01@fs.fed.us or mail to:  
Attn: Susan Cordell  
Institute of Pacific Islands Forestry, USDA Forest Service  
60 Nowelo St.  
Hilo, HI 96720

Name:	
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Address:	
Phone:	

E-mail Address:	
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How would you like to be notified about the Vacancy Announcement?	<input type="checkbox"/> E-mail <input type="checkbox"/> Paper copy sent via U.S. mail <input type="checkbox"/> Phone
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**Thank you for your interest**