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## Factors Contributing to Dust Emissions in Clark County, Nevada Quarterly Progress Report: Period Ending January 15, 2006

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## QUARTERLY PROGRESS REPORT

University of Nevada, Las Vegas  
Period Ending January 15, 2006

Task Agreement Number FAA010017  
Assessing Factors Contributing to Dust Emissions from Public Lands  
On Air Quality in Areas of Clark County, Nevada

### Executive Summary

- Task agreement formally executed November 1, 2005
- Search for post-doctoral scholar commenced November 17, 2005

### Program Development Activities

After initial submission of the task agreement to CESU officials in June 2005, the task agreement was formally executed by the Bureau of Land Management (BLM) on November 1, 2005, and an active university account was established on November 15. The Public Lands Institute immediately commenced the search for the post-doctoral scholar called for in the task agreement, who will serve as the project manager conducting the specified research on behalf of BLM.

The position announcement (*see attached*) has been emailed to hundreds of academics across the world; announced at the American Geophysical meeting, Geological Society of America meeting and the Soil Science Society of America meeting; and advertised in Nevada newspapers and in Science Magazine. Review of applications will commence on February 1, 2006, and will continue until the position is closed. We anticipate having the researcher on board no later than May 1, 2006.

Until the post-doctoral scholar is hired, there have been no substantive activities toward the deliverables, to date.

Submitted by:

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Project Administrator

January 15, 2005  
Date

# **Position Announcement**



**Position Announcement**  
**Post-Doctoral Scholar, Soils – Department of Geoscience**

The Public Lands Institute at the University of Nevada, Las Vegas seeks a post-doctoral scholar for a one-year appointment (possibly to be extended depending on funding), commencing May 1, 2006, or later in the Department of Geoscience, to conduct research to assess the effects on air quality of dust emissions from soils disturbed on public lands in areas of Clark County, Nevada.

**Responsibilities:** The successful candidate will assess factors contributing to dust generation and transport within the Nellis Dunes area of Clark County, Nevada. Besides conducting basic research with UNLV faculty (Department of Geoscience Pedology Laboratory), the applicant will work in collaboration with the Bureau of Land Management to provide scientific advice and technical assistance needed by BLM to develop and assess best management practices for reducing dust emissions from vacant public lands, prioritize dust mitigation activities, and implement and improve the BLM's Dust Management Plan and Clean Air Program. As such, the position presents an excellent opportunity to establish and carry out research that draws upon the candidate's strengths, interests, and background.

**Required Qualifications:** The successful candidate must have the Ph.D. completed (or letter from the University registrar and advisor saying degree requirements have been completed) prior to start date. Applicants with a Ph.D. from an accredited college or university in soil science or geoscience or other relevant backgrounds will be given preference.

Position contingent upon funding. Salary will be commensurate with local job market and experience. Review of applications will commence on February 1, 2006, and will continue until the position is closed.

**Applications:** Application materials must include a current vita, detailed cover letter, and the name, address, telephone number, and e-mail address of three professional references. Applicants should fully describe qualifications and experience, since the initial review will serve to evaluate applicants based on documented, relevant qualifications and work experience. Materials should be addressed to Dr. Patrick Drohan, Search Committee Chair, and are to be submitted via on-line application only at <https://hrsearch.unlv.edu>. For assistance with UNLV's on-line applicant portal, contact Bob Sitts at (702) 895-1655 or email [hrsearch@ccmail.nevada.edu](mailto:hrsearch@ccmail.nevada.edu). For more information, see the UNLV World Wide Web site at: <http://www.unlv.edu>. Women and minority post-docs are encouraged to apply. UNLV is an equal opportunity / affirmative action employer committed to achieving excellence through diversity.