



NEW MEXICO HIGHLANDS UNIVERSITY
Las Vegas, New Mexico
Job Posting

Posting Date: 03/30/2017

Application Deadline: Open until filled

Position: Restoration Monitoring Program Manager

Salary Grade: 16

Department: Forest and Watershed Restoration Institute

Minimum Starting Salary: \$51,491

Job Type: Full-Time/12 Months

FLSA: Exempt

- **Continued employment is contingent upon grant funding**

Reports To: Director, FWRI

SUMMARY: The Restoration Monitoring Program Manager is responsible for a program that emphasizes pre- and post-treatment measurements and involves land managers and organizations across the state. In addition, this position is responsible for managing, training, and dispatching field crews for project-level monitoring. Finally, the incumbent will teach at least one course per year in the SAF-accredited Forestry program in the Department of Natural Resources Management, where they will hold a joint appointment.

DUTIES AND RESPONSIBILITIES:

- Oversee the Forest and Watershed Restoration Institute's (FWRI) activities in restoration monitoring;
- Evaluate and develop monitoring protocols and procedures to support the restoration programs of FWRI and its collaborators;
- Engage in support, outreach, and applied research in the broad area of vegetation and fuels monitoring, especially as it relates to watershed restoration, including prescribed fire effects;
- Analyze data and prepare monitoring project reports, and assessments;
- Provide field supervision of students or other staff;
- Chair or facilitate meetings of standing or ad hoc committees and working groups;
- Present instruction in field monitoring to partners;
- Teach one mensuration course a semester in the Forestry program;
- Acquire other funding for institute activities from federal, state, and private sources;
- Maintain regular attendance and punctuality;
- Perform additional duties as assigned by the NMFWRI.

MINIMUM JOB REQUIREMENTS:

- **Education:** Ph.D. degree in Forestry, Ecology, Conservation, or a closely related natural resources management field. (A Master of Science degree in a renewable natural resources field and six (6) years' experience in field measurements will substitute for the required Ph.D. degree.)
- **Experience:** Two (2) years' experience directly related to the duties indicated above.
 - **Preference:** Ph.D. in Forestry with biometric and/or range management experience.

SPECIAL REQUIREMENTS:

- Must possess and maintain a valid NM driver's license. Selection of an out-of-state candidate will require possession of a valid New Mexico Driver's license within sixty (60) days of employment.
- Must be willing to work weekends, evenings and odd hours as required
- Must be willing to travel.
- Must be able to engage in field work, often under difficult/challenging environmental conditions, including, but not limited to, steep slopes, dense vegetation, extreme heat and cold, and snow cover.

KNOWLEDGE, SKILLS, AND ABILITIES:

- Knowledge and experience with environmental and/or natural resource monitoring efforts;
- Ability to perform in field measurements using conventional and automated mensuration equipment;
- Ability to summarize, analyze, and manage quantitative data using common office and statistical software;
- Knowledge and experience preparing scientific information and findings and presenting scientific information orally, in formal and informal settings;
- Ability to write technical reports for internal and external publication, as demonstrated by documented products of these efforts;
- Ability to plan and conduct applied research in the broad area of vegetation monitoring;
- Ability to work productively, professionally, and collegially with colleagues and diverse external stakeholders, as attested to by professional references;
- Ability to work with multi-party monitoring as it relates to adaptive management;
- Knowledge of federal agency watershed monitoring protocols and programs, including USFS Common Stand Exam and DOI FEAT/Firemon Integrated;
- Knowledge and familiarity with fire effects monitoring;
- Knowledge and familiarity with management of secure, web-based databases;
- Knowledge and experience working with GPS and GIS;
- Ability to acquire federal and state grants, contracts, and other forms of funding.
- Knowledge of and experience in forests, woodlands, and other plant communities of the Southwest.
- Ability to teach graduate and undergraduate students.

PHYSICAL DEMANDS:

- SittingFrequently

- Standing..... Frequently
- Walking..... Frequently
- Bending..... Frequently
- Squatting..... Frequently
- Climbing Frequently
- Kneeling Frequently
- Lifting up to 20 pounds..... Frequently
- Lifting greater than 20 poundsOccasionally

WORKING ENVIRONMENT:

- Work is performed in an indoor/outdoor setting to include working in the forest in environments that include hot, cold and wet conditions.

APPLICATION PROCEDURE: Interested applicants must submit: 1) a letter of interest; 2) resume; 3) University employment application; 4) names/addresses/telephone numbers of three professional references; 5) copies of transcripts.

Candidates who are invited for interviews will be required to submit official transcripts. References will be contacted in conjunction with interviews. Submit materials to:

New Mexico Highlands University
Human Resources
Restoration Monitoring Program Manager
Box 9000
Las Vegas, NM 87701
or
Email application materials to: jobs@nmhu.edu

For disabled access or services, call (505)454-3242 or email hr@nmhu.edu

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