

David L Nieland

Subject: Botany Field Crew Supervisor

Position Objectives:

The Great Basin Institute, in cooperation with the National Park Service Mojave Desert Network (MOJN) Inventory & Monitoring (I&M) program, is recruiting a Field Crew Supervisor to oversee the implementation of an I&M long-term monitoring project. The overall objective is to perform integrated upland monitoring in Joshua tree woodlands at Joshua Tree National Park (NP), CA. Vegetation, soils, and target invasive species will be monitored for status and trends. Data collected are intended to provide decision-makers with indicators and data on the upland communities.

Duties:

The Field Crew Supervisor will serve as the primary on-site point of contact for the project and work closely with the MOJN I&M program and park staff to fulfill the goals and objectives for upland monitoring.

This is a supervisory position and consists of approximately 80% office work and 20% field work; thus, the successful applicant must have strong communication skills (both verbal and written) and exhibit strong leadership and organization skills.

Specific duties include:

- Supervision of the GBI I&M Integrated Upland monitoring field crews; • Participate in preparing for the field season, including assisting on determining field site order, field accessibility, gathering materials need to conduct field work; • Developing field schedules and training material; • Submit daily backcountry travel plans; • Acting as liaison to MOJN I&M staff and Joshua Tree NP park managers; • Serve as the safety lead and primary safety point of contact for field crews; • Project planning, equipment organization and maintenance, vehicle coordination, field protocol and data QA/QC, and team deployment; • Supporting data organization, processing and QA/QC; utilizing GIS to develop reports and other mapping products; • Ensuring that field data collected are consistent across crew members and crews throughout the field season; • Occasional travel, camping, and site visits to the MOJN I&M office; • Determine lodging options for field crew; and • Participate in GBI or partner-sponsored training opportunities, and/or facilitate GBI workshops for Research Associates and AmeriCorps crews.

Location:

Joshua Tree National Park is of special management concern, lying in the transition of the Mojave Desert and the Colorado Desert. Terrain of the survey area is typical of the Mojave Desert with wide, long valleys bordered by mountain ranges. Field conditions include hot, arid days with high exposure to the sun, as well as cold, winter weather. Resources of the region include threatened and/or endangered species habitat, big game habitats, abandoned mine lands, and historic and prehistoric cultural sites.

Contract length: 15 December 2014 - 30 April 2015; potential for extension pending funding and positive performance review

Rate of Pay: \$1,600 biweekly salary; full time (40 hours per week), long days, some weekends and evenings maybe required

Benefits: Health Insurance and holidays

Qualifications:

- Advanced degree or equivalent experience in one of the major natural sciences; • Familiarity and experience with identification of Mojave Desert plants is preferred; • Understanding of basic principles related to botany, soil science, wildlife biology, geology, and/or hydrology; • Applicants should possess relevant or related field experience – knowledge of and/or experience in Mojave Desert and nearby regions preferred; • Applicant must be able to demonstrate strong leadership and good organizational skills; • Ability to lead and manage the collection of field data according to protocol guidelines followed by a detailed QA/QC process; possess experience and confidence analyzing geospatial data and creating map products; • Possess a clear understanding of GIS theory and applications, including experience with ArcGIS 10.x to create maps, manipulate and analyze data, and generate reports; • Ability to communicate effectively, both written and orally, with a diverse audience; • Ability to navigate and set a bearing using a compass and to read a topographical map; • First Aid and Wilderness First Aid training preferred; • Experience working with federal land management agencies, members of the public, or non-profit organizations; • Possess a clean, valid, state-issued driver's license and the ability to operate a 4WD vehicle on and off paved roads; and • Meet requirements of federal agency security background checks (i.e., FBI criminal and National Sex Offender Public Registry, Department of Interior Security Screening)

How to Apply:

Qualified and interested applicants should forward a cover letter, their résumé, and a list of three professional references to Amy Gladding, GBI HR Coordinator, at agladding@thegreatbasininstitute.org. Please include where you found this position posted. Incomplete applications will not be considered.

Review of applications will begin immediately and will continue until the position is filled. No phone inquiries, please. This program is available to all, without regard to race, color, national origin, disability, age, sex, sexual orientation, political affiliation, or religion. Persons with disabilities are encouraged to apply.