# Position Description: Monitoring Data Analyst

## Background:

Lake County Resources Initiative (LCRI) is hiring a monitoring data analyst position to manage and report on monitoring data collected within the Lakeview Collaborative Forest Landscape Restoration (CFLR) Project, other All-Lands Projects in Klamath and Lake Counties, and the R6 Area Ecology Program.

## Position Description:

* This is a 1-year, full-time position hired by LCRI with the option to renew after 1-year dependent upon funding and work.
* Target start date is ASAP. The position may potentially be extended beyond 1 year.
* Salary: $50,000-55,000/year depending upon experience
* Mileage reimbursement is provided for travel outside the duty station of Lakeview, OR. Health benefits are provided.
* Teleworking outside the duty station subject to approval by the supervisor.
* Reports to Nick Johnson, Executive Director, LCRI.

## Expectations of the Position:

* Quality checking and quality assurance of the monitoring data collected by the Chewaucan Biophysical Monitoring Team (CBMT) and other partners.
* Overseeing storage of monitoring data in Microsoft Access database, FEAT/FIREMON Integrated (FFI) database, and ESRI Geospatial Database.
* Updating the ArcGIS Online web app on an annual basis.
* Analysis of monitoring data using appropriate statistical methods.
* Written report(s) summarizing analysis and findings along with providing recommendations on management and future monitoring.
* Oral presentation 2-3 times per year to collaborative members at annual and monthly meetings.
* Working with the CBMT, Forest Service, and other partners to develop an annual monitoring plan.
* Communicate annual monitoring plan to seasonal crew members.
* Support the Collaborative Landscape (CFLRP) projects in the Region by maintaining and reporting on data on the 13 indicators in the Common Monitoring strategy. The USFS Regional ecologist/Regional CFLRP coordinator will provide oversight and guidance.
* Support the Region 6 Forest Service Area Ecology Program with data management and mapping as needed. This will include but not be limited to the ecological departure map.

## Knowledge, Skills, and Experience Required:

* Ability to perform statistical analysis using a variety of methods
* Advanced GIS skills
* Ability to report on findings
* Excellent oral and written communication skills
* Ability to work independently with little supervision
* Knowledge and experience with forestry and fire
* Master’s Degree in a natural resources-related field
* Team Player

## Knowledge, Skills, and Experience Desired:

* Python and ArcPy programming
* R Studio and R Shiny programming
* Relational database management
* Remote sensing image analysis

**Contact Information**

* Email your resume and a one-page cover letter to Nick Johnson at [nick.johnson@LCRI.org](mailto:nick.johnson@LCRI.org).
* If you have questions, you can email Nick at the email address provided above or call LCRI’s office at 541-947-5461