

Seeking Ecologist

South Fork Research, Inc. is seeking an ecologist with advanced data management skills to maintain and analyze physical and biological data collected as part of an intensively monitored watershed project studying the long-term effects of stream restoration on salmon habitat and salmon populations (Bridge Creek Intensively Monitoring Watershed, Integrated Status and Effectiveness Monitoring Program). South Fork Research is a small company in Seattle, WA dedicated to improving analysis and management techniques of monitoring data associated with Pacific salmon and their habitat. We specialize in the application and integration of geospatial data into monitoring activities, the management of ecological data, and restoring fisheries habitat. We work closely with personnel from the Northwest Fisheries Science Center and collaborators across the Pacific Northwest.

The successful applicant will focus on the collection of field data for monitoring changes in vegetation along a heavily incised stream in eastern Oregon (Bridge Creek) that is being restored in concert with beaver activity and structure placements. A specific goal of the vegetation monitoring activity will be field validation of riparian communities identified from aerial imagery and paired with topographic data. Maintenance and update of water temperature, climate, and groundwater data are additional tasks of the biologist, including data collection, quality assurance and summary in database formats. There are numerous opportunities for additional research projects related to any of these areas and beaver impacts. The biologist will also be involved in additional projects in related stream ecology in forthcoming years.

The position requires expertise in statistics (R software experience desired), MS Access, and ArcGIS. GIS data will be managed in geodatabases and maintained, updated and documented as needed with metadata. The successful applicant will have demonstrated attention to detail, excellent communication skills, and technical writing experience. A MS in biology, ecology, or related field is preferred, preferably with advanced technical skills and analytical experience.

This is a full-time position with benefits available after a 3 month trial period. Compensation will be commensurate with experience. Applications should include professional references including supervisors from recent employment history, writing samples, and resume. The position will require several 1-2 week trips to eastern Oregon (John Day Basin) for data collection, and likely several 1-2 day trips to Logan, Utah or Portland, OR for collaboration efforts. The office location will be at the Northwest Fisheries Science Center in Seattle.

The position will remain open until a qualified individual is hired. Please submit a cover letter, resume, writing sample, and contact information for 2 professional references and contact carol@southforkresearch.org for additional information.