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National Council for Air and Stream Improvement, Inc.

Job Description

Position: **Aquatic Ecologist I (1 position)**
Project Code: FW-FWG-1038
Reports to: Forest Watershed Scientist
Work Week: Exempt position; 40+ hours per week to meet work demands
Revised: February 22, 2022
Duty Station: Corvallis, OR
Duration: June 1, 2022 – March 31, 2023, with possible extensions up to a total term of three years dependent upon performance and funding
Salary: \$ 3,300 per month (M.S.) or \$ 3,000 per month (B.S.)

Essential Job Functions:

1. Perform duties as a project manager for an ongoing riparian buffer manipulation study implemented on private forest lands in Oregon.
2. Work closely with primary investigators to oversee data management, data quality assurance and quality control, data archiving and preliminary analyses of stream and riparian data
3. Orchestrate successful data collection efforts as a seasonal crew lead (summer), which includes:
 - Coordinating field schedules and workflow for 1-3 seasonal crew members.
 - Maintaining safe field practices and positive crew dynamics
 - Training and working with the field crew on aquatic field sampling: electrofishing, fish identification, macroinvertebrate sampling, collection of water and biofilm samples, deployment of sensors, pebble counts, and geomorphology measurements.
4. Compile and manage project data in a project database.
5. Perform laboratory analyses (biofilm ash-free dry mass, nutrient concentrations) and preparation of macroinvertebrate samples to be sent out for identification.

Additional Responsibilities:

1. Position will require working outdoors in inclement weather, often in recently harvested forest stands. Must be able to get to and work from remote locations, drive safely on forest roads with active management, read maps, navigate through a forested landscape, and relate well with the public.
2. Gather data using specific protocols, enter data with both tablets and Excel, create summaries of data and work accomplishments.
3. Willingness to have a flexible work schedule with work at remote locations over multiple days, and travel between study locations.
4. Demonstrate an ability to work effectively with others toward meeting the goals of the National Council of Air and Stream Improvement, Inc. (NCASI).
5. Develop a familiarity with NCASI's mission, policies, practices, and procedures.
6. Become acquainted with the environmental issues of the forest products industry.
7. Read, absorb, process, and communicate complex information. Assist the supervisor in responding to technical queries by NCASI clients and others in a competent and timely manner.
8. Possess ability to positively carry-out associated field work that may involve prolonged (multi-day) exposure to inclement conditions and a necessity to hike carrying equipment (30 pounds or more) over rough terrain (for 2 miles or more).

9. Undertake additional activities as assigned by Supervisor that may include efforts that contribute to other ongoing NCASI aquatic/riparian/watershed projects.

Minimum Qualifications:

1. Have a Bachelor degree in a biological sciences, fisheries or aquatic ecology discipline or related environmental field, two or more years of experience (or a thesis-based Master of Science), and knowledge of aquatic field sampling techniques.
2. Have driving record which can be approved by Federal Agencies to drive government vehicles and can be insured at standard rates.
3. Possess basic data entry experience (Microsoft Excel).
4. Follow all COVID safety protocols.
5. Provide proof of full COVID vaccination.

Preferred Additional Qualifications:

1. Experience successfully performing project management, data collection, and data management aspects of the above essential functions
2. Experience safely leading field crews in aquatic sampling efforts
3. Master's degree in a biological sciences, fisheries or aquatic ecology discipline or related environmental field

To Apply: Please send (1) cover letter explaining your experience with or approach to the essential functions listed above, (2) resume or CV, and (3) a list of 3 references with phone numbers and e-mail addresses to: Laurie Clark, NCASI, 8769 Hwy 42, Tenmile, OR 97481, preferably delivered electronically to: lclark@ncasi.org. Applicant review will begin March 1, 2022 and continue until the position is filled. NCASI is an equal opportunity employer.