

Environmental Scientist

OVERVIEW:

The NorthWoods Stewardship Center seeks an enthusiastic and dedicated individual for a seasonal Environmental Scientist position in its Conservation Science department. This position will encompass primarily stream geomorphic assessment duties in the Lake Memphremagog watershed in northeastern Vermont, as well as other field inventory projects throughout the state and general duties shared by all staff. This full-time, seasonal position will begin as soon as filled and will extend until at least September 1, 2010, with the possibility of additional work after this date. The Conservation Science Department is one of five program areas at the NorthWoods Stewardship Center, a non-profit environmental education and conservation organization located in East Charleston, Vermont. Our current work includes various environmental assessment and mitigation projects, including stream geomorphic assessments work, a statewide small mammal atlas, and riparian restoration projects.

RESPONSIBILITIES:

1. Conducting field surveys of tributaries of the Black River in the Lake Memphremagog Basin.
2. Assisting with other fieldwork, including small mammal inventories (some camping may be required).
3. Entering and compiling data using Microsoft Access, Microsoft Excel, ArcGIS, and other software.
4. Analyzing data collected in these surveys and assessments and incorporating these data into project reports.
5. Summarizing project results and sharing these through written descriptions and occasional public presentations.
6. Other possible minor duties may include invasive plant control, developing future projects (grant writing), and general organizational duties shared by entire staff team.

DESIRED QUALIFICATIONS:

- Bachelor's degree in environmental science, limnology or a related program.
- Knowledge of watershed and river processes, previous experience conducting watershed and aquatic monitoring.
- Ability to interpret geomorphic features using aerial photography.
- Ability to identify, delineate, and interpret stream morphology (floodplain characteristics, depositional features, stream migration, cross section measurements) in the field.
- Ability to assess aquatic habitat in the field (riparian zone width, woody debris, riffle frequencies, velocity/depth)
- Ability to identify watershed stressors contributing to a stream's condition
- Ability to make accurate sketches and measurements in the field, enter data accurately, interpret data, and co-author final report.
- Competence with ArcGIS mapping software.
- Experience with riparian restoration.
- Ability to walk or canoe in streams and to drive (including valid license and clean driving record).
- Strong written and verbal communication skills, comfortable presenting results and recommendations to the public, ability to positively interact with and develop connections with the public, landowners, and partner agencies
- Enthusiasm, flexibility, and skill working both alone and with others.
- Good organization skills, efficiency, and attention to detail.

OTHER DETAILS:

- Job duration is approximately 4 months, full time, starting ASAP. Some additional work beyond September 1 is possible, depending upon funding.
- Pay rate depends on experience. Other staff benefits include free attendance to most on-site programs and workshops and use of canoes and other equipment (when available).
- On-site housing is available at reduced rental rates- \$200/month for a room in shared house and \$400 for small cabin.

TO APPLY:

Please submit via mail or e-mail:

1. A brief cover letter describing your interest in this position and your most pertinent qualifications.
2. A current resume describing research and educational experience.
3. Name, position, and up-to-date contact information of at least two academic or professional references.

4. Current e-mail, mailing address, and phone number(s) where you can be reached. Please indicate if certain days of the week/ hours of the day are preferred for contacting you.

Application materials should be sent to:

Jayson Benoit
NorthWoods Stewardship Center
P.O. Box 220
East Charleston, VT 05833
Email: jayson@northwoodscenter.org

Please do not contact us by phone. After initial reviews are completed you will be notified of the status of your application.