

Field and laboratory technician position

With Oak Ridge National Lab and the USDA Forest Service Northern Research Station

The position is associated with a large research project on the effects of climate change on peatland hydrology and water chemistry (the SPRUCE Project, <https://mnspruce.ornl.gov>). The project is a joint effort between the Oak Ridge National Lab (ORNL) and the Northern Research Station (NRS) of the USDA Forest Service. The duty location is Forestry Sciences Lab of the NRS in Grand Rapids, MN with field work at the nearby Marcell Experimental Forest (<http://www.nrs.fs.fed.us/ef/marcell/>).

Duties include:

- The monthly collection of water samples and hydrological measurements.
- Measurement of ion and nutrient concentrations on water samples.
- Laboratory incubation studies on the degradation of dissolved organic matter in water samples.
- Data compilation, QA:QC of lab data, and database management.
- Entry of data from field data sheets.
- Other field tasks, on an occasional basis, related to the science objectives of the SPRUCE Project.

The position will be hired through the Oak Ridge Institute for Science and Education (ORISE). “The program is designed to complement academic programs by utilizing the unique resources of Oak Ridge National Laboratory to enhance science, mathematics, engineering, and technology education, encourage careers in science and technology, and improve scientific literacy” (<http://www.ornl.gov/about/hereatornl/about.htm>). The position will be jointly supervised by a hydrologist (Forest Service), aquatic ecologist (ORNL), and climate change scientist (ORNL). Lab analyses will be coordinated under the direction of a lab manager/chemist at the NRS Forestry Sciences Lab.

Qualifications: BS or MS in chemistry, limnology, hydrology, biogeochemistry, geochemistry, ecology, or related fields and experience with field work. Applicants must have earned their degree within the previous year. Applicants should briefly highlight their experience with lab analyses, particularly: ion chromatography, inductively coupled plasma spectrometry, total organic carbon analyzers, and automated flow injection analysis spectrometry. Please also mention specific field skills.

The position duration is 9 to 12 months. Salary ranges from \$500/week to \$675/week depending upon educational level. Applications will be considered as they are received and the position will be filled when a suitable person is identified. The latest that applications will be accepted is 31 May 2013. The position could begin as early as June 2013.

For more information on the position and submission of application materials, contact Dr. Stephen Sebestyen (ssebestyen@fs.fed.us). Please send a letter of application (2 page limit), resume (2 page limit), copies of unofficial transcripts, and names of 3 references with telephone numbers and email addresses.