



Research Assistant – Environmental Sciences Department – Trois-Rivières Campus (48711)

Université du Québec à Trois-Rivières

📍 Université du Québec à Trois-Rivières - 3351 Boulevard des Forges, Trois-Rivières, Québec G8Z 4M3

👤 1 Position available

📅 Expires on: December 19, 2024

JOB DESCRIPTION

Posting Period: November 28 to December 19, 2024

Contract Duration: Grant-funded position until September 30, 2027

Several researchers at RIVE have developed unique expertise in monitoring environmental changes across various ecosystems and aim to explore innovative ways of measuring key ecosystem variables. Managing, maintaining, and developing field instruments comes with challenges, and the selected candidate will play a vital role in addressing these. The individual will ensure the long-term maintenance and safety of equipment and collaborate with various research groups in Quebec, such as the Carbonique Project and the Centre for Northern Studies.

Research assistants are employees focused on supporting researchers in conducting their projects. Responsibilities include gathering and compiling information, analyzing and interpreting data for publication, and contributing to field instrumentation deployment and development for monitoring key environmental variables.

Key responsibilities:

- Conduct bi-weekly field visits to maintain eddy covariance flux towers (carbon flux measurements: data collection, instrument calibration, repairs, data storage) across nine sites in southern Quebec
- Conduct annual visits to two sites in the Canadian Arctic (Kangiqsualujuaq and Cambridge Bay) to maintain eddy covariance flux towers (same responsibilities as above)
- Support data processing and analysis (programming) for the eddy covariance flux towers
- Assist with the scientific validation of results derived from the measurements
- Contribute to the development and deployment of field instruments alongside RIVE researchers
- Support instrumentation training for graduate students

The candidate may also supervise and participate in the training of support staff, allocate tasks and monitor their execution, and, upon request, provide input on performance evaluations.

This list outlines the main tasks and responsibilities of the role but is not exhaustive. Additional tasks may be assigned in line with the job's professional scope.

Qualifications:

Education: Bachelor's degree in a relevant field, such as electrical engineering or environmental sciences.

Experience: At least two years of relevant experience

Others :

- Proficiency in computer programming and electronics
- Willingness to travel and work outdoors, occasionally in extreme conditions
- A good command of English is an asset, as the Carbonique Project involves international researchers, and northern fieldwork requires communication with Inuit communities where English is commonly used



Expected start date:
not available



Job type:
Contract / Full-time



Work shifts:
Day



Work schedule:
35.00 hrs /week.



Salary:
\$57,622.00 - \$104,419.00 CAD
Yearly



Unionized:
Yes

Required documents

- ✓ CV
- ✓ Cover Letter

The Université du Québec à Trois-Rivières is committed to fostering an equitable, diverse, and inclusive (EDI) environment. The institution values diversity among its staff and recognizes the multiplicity of identities. Applications are encouraged from women, Indigenous individuals, members of visible or ethnic minorities, individuals with disabilities, and members of LGBTQ+ communities.

In line with applicable laws, the University adheres to an equal employment opportunity program. Upon request, the recruitment process can be adapted to accommodate individuals with disabilities. The confidentiality of personal information is strictly respected.

For detailed job descriptions of professional positions, click [here](#).

BENEFITS



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summer schedule**