

**Job title: Applied Ecologist**

**The Organization:**

**eDNAtec Inc.** is a young, fast-paced, and quickly growing Canadian company developing **environmental DNA technologies** to support new, world-leading biodiversity assessment and monitoring programs. We are dedicated to improving environmental stewardship by supporting industry and regulators with critical ecosystem data to manage environmental impacts and allow for sustainable development.

The **Centre for Environmental Genomics Applications (CEGA)**, located in St. John’s, NL, is eDNAtec’s core facility. Scientists with diverse backgrounds work together to produce high quality data for international clients and support technology development. Come join us at the leading edge!

**The Position:**

We are looking for an **Applied Ecologist** to join the Ecology group at CEGA. The Ecology group focuses on the sampling, data analysis, and interpretation of biodiversity data, and science communication. The Applied Ecologist will primarily work on data analysis, data interpretation, and science communication, and will support the Ecology team on other activities as needed.

**Primary Responsibilities:**

**Data Analysis & Interpretation**

- Curate and manage large datasets.
- Conduct statistical analyses and interpret ecological results.
- Maintain and develop data analysis workflows.
- Implement new field, analysis, data visualization, and database tools (e.g., create new ecosystem models, deploy interactive data reporting).
- Design and evaluate field sampling plans based on ecological models.

**Science Communication**

- Prepare reports, presentations, and publications for technical and non-technical audiences.
- Participate in educational and promotional videos/multimedia showcasing our technology.
- Assist with planning scientific workshops and community outreach.
- Support collaborative and multidisciplinary projects with clients and partners.

**Requirements:**

**Qualifications**

- Knowledge of basic ecological concepts, community ecology, and statistical methods demonstrated by an undergraduate degree in ecology, environmental sciences, or associated field.
- Valid Canadian driver’s license.

## Skills & Experience

*1-3 years of relevant work/research experience with the ability to demonstrate:*

- Advanced skills in statistical analysis and data visualization.
- Fluency with R and associated statistical packages.
- Proficiency in GIS software and conducting geospatial analyses.
- Experience in database management.
- Organization and time management skills to balance working on multiple projects and meeting deadlines in a fast-paced environment, both independently and as part of a team.
- Strong oral and written communication skills and comfortable with being in educational or promotional multimedia or videos showcasing our technology.
- Problem-solving skills to address challenges and find solutions.
- Attention to detail and ability to follow standard operating procedures in a DNA “clean room” environment.

*\*\*Preference will be given to candidates with experience analyzing eDNA data and/or biodiversity or ecosystem modelling experience. \*\**

## What CEGA offers:

CEGA is driven by a passionate team revolutionizing the way we monitor our environment. This permanent, full-time position will give the opportunity join this dedicated team working on innovative and impactful projects with great opportunities for professional development. This position includes a competitive salary (based on experience, starting at \$55,000), a comprehensive benefits package, paid vacation time, company-sponsored-employee led social events, and RSP matching.

## Work Location:

St. John's, NL preferred. Remote work from Montreal, QC or Toronto, ON regions possible.

## About St. John's, Newfoundland:

The historic city of St. John's is situated on the eastern shore of the island of Newfoundland. Ocean views, rugged wilderness, and urban core are all within walking distance. St. John's offers a vibrant community with a diverse arts scene and numerous world-class restaurants. Check out the city of St. John's information page for newcomers to learn more about moving to our beautiful city!

<https://www.stjohns.ca/en/living-in-st-johns/living-in-st-johns.aspx>

## How to Apply:

Please submit a cover letter and resume to [hr@ednatec.com](mailto:hr@ednatec.com) with the job title in the subject line.

*While CEGA would like to thank all applicants, only candidates considered for an interview will be contacted.*