



EMPLOYMENT OPPORTUNITY

Satellite Remote Sensing and Geomatics Specialist

Arctus Inc. is a Canadian SME specialized in optical remote sensing of aquatic environments that uses satellite Earth observation and water color analysis technologies to study, monitor and model ocean and coastal environments.

Its mission is to develop observation products, programs and web portals that transform Earth observation data from satellites into readily available and user-friendly information. Intended for managers or people who work on issues related to ocean, port or coastal environments, our tools help support decision-making for management and sustainable development in the context of climate change.

Do you have significant experience in remote sensing or geomatics? Do you excel in one of our development fields, such as remote sensing of ocean color or massive satellite data processing? This position may be for you!

Arctus Inc. is looking for a specialist in satellite remote sensing and geomatics to join its project team located in Rimouski, in the Lower St. Lawrence region of Quebec, internationally recognized for its dynamism and innovative leadership in the maritime sector.

WHAT AWAITS YOU

You will participate in several research and development projects as well as in the development of services based on Earth Observation (EO) technologies, particularly in two projects funded by the Canadian Space Agency as part of the smartEARTH and smartWhales programs. The former aims to develop a near-real-time satellite environmental monitoring system for industrial port zones. The second project aims to develop an operational system for predicting the habitat of the Atlantic right whale, a critically endangered species, based on satellite observations and ocean models of the Gulf of Maine and St. Lawrence waters. These multidisciplinary projects are carried out in collaboration with Canadian and international experts from the academic, private and government sectors.

We are looking for an autonomous, creative, versatile individual who is able to interact effectively with colleagues, partners and clients. As Arctus is currently growing, we need someone who is willing to become actively involved in the execution of ongoing projects, the development of new projects and to contribute to the growth of the company.



REQUIRED QUALIFICATIONS

Training

- Ph.D. from a recognized university in remote sensing, geomatics, oceanography, geography, environmental sciences or computer science.
- A Master's degree (M.Sc.) from a recognized university in one of these disciplines combined with a minimum of 5 years of relevant experience is also acceptable.

Skills required

- Experience
 - in satellite remote sensing of oceans or coastal areas
 - in big data processing
 - application-oriented R&D in geomatics or remote sensing
 - in project management
- Skills in geomatics, programming, analysis and processing of Earth observation satellite data, including optical remote sensing

Personal qualities

- Ability to work as part of a team or independently
- Strong knowledge of English and French
- Capacity to write scientific and technical documents in both English and French

WORKING CONDITIONS

Schedule: Full time, flexible hours

Start date: By May 1, 2021 at the latest

Workplace: The employee will be based at the project office in Rimouski, Quebec. Given the current public health situation, the work could start remotely.

Salary: To be discussed according to qualifications

Duration: Undetermined

READY FOR THE CHALLENGE?

To submit your application, please send your curriculum vitae and a cover letter addressed to Mr. Simon Bélanger, Ph.D., Scientific Director before April 1, 2021 to: sbe@arctus.ca.

Please note that only those selected for an interview will be contacted.