

Remote Sensing Analyst/Scientist

ASL Environmental Sciences is a world-class company with more than 40 years' experience in oceanographic, acoustic, remote sensing, and ice research services. We provide clients with scientific consulting services in flow measurement, numerical modeling, wave measurement and analysis, airborne and spaceborne optical and SAR remote sensing, sediment transport, and ice studies. Based out of Victoria, British Columbia, ASL provides products and services to national and international clients from industry, government and academic sectors.

We are looking to expand our remote sensing team with new talent. Our company is employee-owned and operated and offers, in addition to a competitive salary, a profit-sharing plan, a comprehensive benefits package, flex time, and share-purchase opportunities for all employees.

As part of our commitment to provide innovative remote sensing solutions to our clients, you will have the opportunity to work on multi-disciplinary projects as a technical lead, develop methods and tools, analyze optical and SAR Earth Observation datasets. You will write technical reports, present results and participate in defining new projects and proposals to solve real-world problems.

Responsibilities include:

- Technical lead in remote sensing projects
- Development and testing of methodologies, implementation of new workflows using optical (multispectral, hyperspectral) and SAR datasets
- Image processing, classification, target and anomaly detection, change detection/monitoring
- Analysis and integration of data from multiple sources (spaceborne, airborne, UAS, and *in situ*)
- Write technical reports and present results
- Participate in technical proposal writing.

Required Qualifications:

- A postgraduate degree with specialization in remote sensing and relevant work experience
- Experience with applications of hyperspectral and/or SAR remote sensing in the aquatic and terrestrial environments
- Ability to think critically and make sound technical decisions
- Demonstrated problem-solving and analytical skills
- Methodical, detail-oriented, strive to develop professionally
- Excellent oral and written communication skills
- Ability to work both independently and collaboratively within a team
- Ability to adapt to changing priorities.

Desirable Qualifications:

- 3-5 years experience as a technical lead in remote sensing projects
- Experience in writing technical reports and proposals, presenting results
- Experience using remote sensing and GIS software (e.g., PCI Geomatica, ENVI, ArcGIS, QGIS)
- Experience in programming (e.g., Python, R, C++, IDL, PCI EASI, Matlab)

- Expertise in at least one scientific discipline (e.g., agronomy, biology, forestry, geography, geology, oceanography, computer vision, applied mathematics, physics, statistics, engineering)
- Able to obtain and hold a Canadian security clearance.

Start date: as soon as possible

Time Commitment: 37.5 hours per week

Remuneration: Very competitive salary, commensurate with training and experience; comprehensive benefits package; profit-sharing.

Application procedures:

1. A cover letter clearly outlining why you feel you are well suited to this position and your salary expectations.
2. A current resume.
3. The names and contact information for 3 professional references.

Send your completed application by May 31, 2018 to:

Human Resources Manager
#1 – 6703 Rajpur Place
Victoria, BC V8M 1Z5

Or email hr.rs@aslenv.com with subject line Remote Sensing Analyst/Scientist.

No telephone calls or drop-ins please.

Due to the anticipated volume of applications, we will be notifying only successful applicants. We greatly appreciate your interest in our company and in this important position with us.

Please visit us at www.aslenv.com

Posting date: May 14th, 2018

Closing date: May 31st, 2018