



Employment Opportunity

Sr. Emissions Technologist



December 1st, 2021

Highwood Emissions Management (Highwood) is an equal opportunity employer working to enable diversity in the workforce. We welcome all applicants regardless of race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status. We also value diversity of worldview, experience, and perspective.

OVERVIEW

Highwood is looking to expand its team and is currently seeking a Senior Emissions Technologist. As Sr. Emissions Technologist, you will be responsible for managing cutting-edge research projects, leading a team of technical experts, and establishing and maintaining strong client relationships. Research and projects will center on analyzing GHG emissions and technology performance data using numerical modeling and scenario analysis, understanding the role of methane measurement in a decarbonizing energy system, and implementing novel standards for emissions data management and analysis. You will engage with diverse clients, helping world-leading organizations understand how to deploy new technologies and guiding innovators as they realize the success of their methane measurement technologies. The ideal candidate is highly motivated with a strong capacity to learn quickly and apply diverse skills. The work will benefit from skills in leadership, technology evaluation, client management, and knowledge of greenhouse gas emissions sources and regulations from the oil and gas industry. You will report to Thomas Fox, Highwood's President.

ABOUT HIGHWOOD

We are a team of leading emissions reduction experts working on cutting-edge projects. We engage industry, government, and innovators around the world, leveraging data, analytics, knowledge, and experience to optimize GHG emissions management. Our mission is to innovate, collaborate, and educate the path to a world with effective and affordable emissions management solutions. Highwood is a new and dynamic company with great potential. We are looking for an ambitious team player who wants to commit to our vision and join us in our journey as we continue to grow.

PREFERRED* QUALIFICATIONS AND EXPERIENCE

- Degree in STEM or similar training
- Experience working with and delivering great results to diverse clients
- Knowledge of methane technologies in the O&G industry
- Experience building and managing a team of technical experts
- Experience working in the oil and gas sector and/or with emissions data
- Experience analyzing complex datasets to generate actionable information
- Experience designing, implementing, and delivering on diverse projects for clients
- Experience with computer science and/or data science
- Familiarity with numerical modeling, monte carlo methods, and statistics

**Candidates are not expected to have all of the qualifications, experience, and skills listed.*

PREFERRED* SKILLS & ATTRIBUTES

- Leadership
- Management consulting
- Strong oral and written communications skills
- Collaborative and professional team player with a positive attitude
- Independent, self-motivated, and willing to take initiative
- Excellent attention to detail in a dynamic environment
- Critical thinker with innovative, problem-solving abilities
- Ability to manage time effectively with competing priorities
- Collaborative and professional team player
- Ability to manage time of staff effectively with competing priorities

RESPONSIBILITIES

In this role, some of your responsibilities will be:

- Lead a diverse group of staff who report on various regulatory compliance requirements in the emissions management space, both federally and provincially
- Provide technical oversight and senior level reviews
- Liaise with clients to determine help meet their demands
- Lead cutting-edge research on the acquisition and use of emissions data.
- Consulting on the use and deployment of methane monitoring technologies.
- Consult on the competitive landscape in the rapidly changing emissions measurement ecosystem.
- Use simulated environments to help clients understand how to improve greenhouse gas monitoring technology design, and what facilities, companies, jurisdictions, and environments are best suited.
- Provide guidance and support for testing and demonstrating product performance, including testing, equivalence modeling, field trials, and deployment logistics in unfamiliar settings.
- Using, developing, debugging, and refining custom simulation tools to help clients from the oil and gas industry, regulators, technology developers, and oilfield services companies to understand how, when, and where to deploy different types of monitoring solutions.
- Analyze emissions datasets from diverse sources and technologies to identify opportunities for improvements in emissions management practices.
- Project management duties such as cost tracking, invoicing, and planning.
- Write high quality reports, and various other documents, as required.
- Participate in planning and strategizing for Highwood, as required.

ADDITIONAL INFORMATION

- The position is based in Calgary, Alberta
- Compensation is commensurate with education and experience
- The successful candidate must be legally able to work in Canada

APPLY NOW

Please submit a single pdf including your Resume/CV and cover letter by email to info@highwoodemissions.com. The document naming convention should follow the format: *LastName_FirstName_Sr_Emissions_Technologist.pdf*

Team Contract



Highwood's promise to staff and contractors is to:

- Treat you with respect, fairness, and honesty.
- Give you a voice. We will encourage you to question the way we do things, and we will empower you to speak your mind.
- Understand your goals, insomuch as you are willing to share, and work to help you achieve them.
- Support your growth, promote you, and provide opportunities to expand your network and foster your professional identity.
- Appreciate, recognize, and reward your contributions and wins.
- Make time to have fun and celebrate success.
- Foster an environment that encourages you to share your concerns, no matter how small they might seem.

Your promise to Highwood is to:

- Treat others with respect, value their contributions, and lift them up, even when they fail. You never know how others might be struggling.
- Be patient with yourself. We work on unsolved challenges. We expect mistakes and see them as learning opportunities.
- Strive to continually learn and grow professionally and personally, regardless of where you started and where you might end up.
- Embrace innovation and change – there is no destination.
- Do your best – only you know what that means. Set boundaries and respect them. Take a break when you need it.