

Job Title: Air Quality Dispersion Modeler

Company: Blue Sky Modeling

Location: Remote

About Us:

Blue Sky Modeling, LLC (BSM) is an environmental consulting firm that provides air quality engineering and modeling services to clients throughout the world. BSM is growing and is looking to bolster its modeling group.

Job Description:

We are seeking a dedicated and experienced Air Quality Dispersion Modeler to join our team. As an Air Quality Dispersion Modeler, you will play a crucial technical role in developing and managing air quality modeling projects for a wide range of industrial clients, including those in the steel, cement, power, and petrochemical sectors. At BSM we are seller-doers. You must have an entrepreneurial spirit, a hunger to develop clients and relationships, and play a primary role in business development.

Key Responsibilities:

- Utilize air dispersion models (primarily AERMOD and CALPUFF) to assist industrial clients with projects ranging from permitting to regulatory compliance to business planning.
- Develop emission inventories, model-ready meteorological data, and perform model simulations to predict air pollutant concentrations and impacts.
- Generate detailed reports, including modeling results, data analysis, and recommendations for clients and regulatory agencies.
- Collaborate with multidisciplinary teams, including environmental scientists, engineers, and regulatory experts, to provide comprehensive air quality solutions.
- Stay updated on the latest developments in air quality modeling techniques, regulations, and software updates.
- Participate in client meetings, public hearings, and regulatory interactions as necessary.
- Lead business development efforts, including identifying new clients and projects, preparing proposals, and building and maintaining client relationships.

Skills:

To excel in this role, you should possess the following skills:

- Proven experience with air dispersion modeling in the context of Prevention of Significant Deterioration (PSD) permitting and State Implementation Plan (SIP) development.
- Strong background in calculating emissions and developing strategies for emissions reduction.
- Proficiency with AERMOD and CALPUFF
- Proficiency with other air dispersion models (e.g., emergency response) is a bonus.
- Excellent project management and communication skills.
- Strong analytical and problem-solving abilities.
- Ability to work remotely and travel at least quarterly.

Qualifications:

To be considered for this position, you must meet the following qualifications:

- Bachelor's degree or higher in Atmospheric Science, Engineering, Environmental Science, or a related field.
- Demonstrated proficiency in AERMOD and CALPUFF modeling software.
- Experience in air quality modeling for a range of projects, with a strong understanding of regulatory requirements and compliance.
- Proficiency in data analysis and interpretation, with strong attention to detail.
- Excellent communication skills, both written and verbal.
- Ability to work independently and as part of a team.
- Familiarity with GIS software is a plus.

Why Blue Sky Modeling?

Blue Sky Modeling is a different kind of consulting firm. Our business model is to be nimble and responsive, with no "red tape" or corporate logjams. We work remotely with very little overhead and significant flexibility. We have an employee-focused compensation package, not the corporate pyramid scheme. At BSM you will have a direct influence on how you work, the kind of work you do, and the compensation you receive. If you've become frustrated with the encumbrances that can come with the structure of traditional consulting firms, BSM might be the place for you.

How to Apply:

If you meet the qualifications and are ready to take on this exciting opportunity, please submit the following:

- A cover letter outlining your interest in the position and your fit for BSM.
- A comprehensive resume detailing your relevant experience and skills.
- Any additional materials, such as references or certifications, that support your application.

Please send your application materials to Bill Jones, President of BSM, at bjones@blueskymodeling.com. Applications will be accepted until November 30, 2023.