



Air Quality Scientist

Sonoma Technology, Inc., is seeking an Air Quality Scientist to assist with environmental modeling work, with a focus on emissions modeling and inventory development, air quality modeling, and data analysis.

Selected by the North Bay Business Journal as one of the Best Places to Work for the eleventh consecutive year, Sonoma Technology, Inc., is an employee-owned consulting firm that provides innovative, science- and technology-based solutions for our clients' environmental challenges worldwide. Our integrated teams of air quality and environmental scientists, meteorologists, software engineers, and specialists tailor products and services to best serve our clients. We empower our clients to make informed, timely decisions about environmental issues.

We believe that our most valuable resource is our team. We offer a casual but professional work environment, a competitive benefits package to full-time employees, and an opportunity to address intellectually challenging environmental issues. We organize a variety of inclusive activities throughout the year and enjoy a balanced and supportive culture. For more information about our culture, visit www.sonomatech.com/charter.

Sonoma Technology, Inc., is an affirmative action and equal opportunity employer. For more information, visit www.sonomatech.com.

Key Responsibilities

- Perform emissions modeling for on-road and off-road mobile sources to support regional and project-level transportation-related air quality assessments.
- Conduct technical analyses using emissions models, air quality models, and observational data to address environmental problems and meet the research, regulatory, and litigation support needs.
- Develop, process, and assess emissions inventories to support air quality modeling projects.
- Assist with preparing technical reports and communicating results to clients.

Required Qualifications and Skills

- A B.S. or M.S. degree in the physical sciences, environmental sciences, or engineering.
- Excellent communication, organization, time management, and problem-solving skills.
- Strong data analysis and computer skills, including Microsoft Office programs.
- Ability and willingness to learn through on-the-job internal and external training.
- Aptitude for working independently and within a team.
- A strong interest in air quality and environmental science.

Desired Qualifications

- Experience in mobile source activity analysis (e.g., travel activity modeling) and emissions modeling (e.g., MOVES, EMFAC, NONROAD, OFFROAD).
- Experience with the NEI (U.S. EPA National Emission Inventory), emissions inventory development, and using SMOKE and related tools to develop emissions inputs for air quality models.
- Experience with data analysis software and programming languages (e.g., Python, R, Fortran).

To Apply

Please send a letter of interest and a resume by email, mail, or fax to:

Cathy Anthony

Sonoma Technology, Inc.

1450 N. McDowell Blvd., Suite 200

Petaluma, CA 94954

Email: canthony@sonomatech.com

Fax: 707.665.9800

No calls please. Include this job reference code in your communication: AQS/WS