

Project Atmospheric Scientist

Formation Environmental, is a fast-growing environmental consulting firm with offices in Sacramento, CA, Boulder, CO, and Portland, OR. We specialize in solving water resources, environmental, utility, engineering and agricultural challenges using multi-disciplinary teams that apply state-of-the-art techniques to efficiently attain each client's unique technical, regulatory, and financial objectives. Our clients include entities in the natural-resource, water resource, industrial, transportation, energy, and agricultural sectors.

Job Description

We are seeking a Project Atmospheric Scientist to join our team in Sacramento, CA, on a full-time, salaried basis. The position will support our energy and environmental practices through analysis of large hydrometeorological dataset, managing of meteorological networks, and numerical weather prediction modeling. The ideal candidate will have the following minimum qualifications:

- MS or PhD in atmospheric science, meteorology, or related field with relevant work experience;
- Experience with Weather Research and Forecasting (WRF) and other numerical weather prediction models
- Experience with numerical methods for atmosphere modeling
- Strong knowledge of different hydrometeorology data formats and proficiency in data analysis platforms (e.g. R, Python, Matlab, NCL)
- Experience in organizing, processing, and interpreting hydrometeorological data. This includes: compilation of meteorological data at the regional scale; QAQC of directly managed meteorological stations; QAQC of other meteorological data sources; formatting of meteorological data for various applications
- Experience in GIS and Remote Sensing data.

The ideal candidate will also need to demonstrate a strong aptitude in the following areas:

- Experience with meteorological applications to wildfire risk mitigation and/or experience working within utilities, forestry or urban wildfire interface
- Independent implementation of plans to meet project objectives under direction from Project Managers
- Ability to contribute to team-oriented, multi-disciplined project delivery and problem solving
- Effective organization and written/verbal communication skills
- Ability to handle multiple project assignments while maintaining flexibility to meet deadlines
- Strong commitment to scientific integrity, quality and following established quality assurance and quality control protocols
- Strong commitment to safety and following established health and safety protocols.

Company Overview

Formation is composed of talented engineers, scientists, modelers, programmers, and analysts. Our work environment is engaging, challenging, and fast-paced, with specialists from multiple disciplines coming together to provide the best possible solutions for our clients. Formation provides exceptional

benefits and an exciting work environment with opportunities for significant professional growth. This includes:

- Encouragement to explore new markets, technologies, methodologies and collaborate within and outside the company with the goal of pairing client opportunities and challenges
- Opportunities to explore personally compelling topics by occasionally taking time to work on independent projects
- Medical, dental, vision, life, and disability benefits
- 401k matching program.