Air Quality Modeler

Tracking Code
303858-764

Job Description:
ENVIRON is looking for energetic, talented and self-motivated scientists and engineers to join our team of internationally recognized air scientists and perform advanced technical studies to inform major business and public policy decisions and support our business development efforts.

You are a self-starter who is detail oriented, but also thinking about the big picture and always looking for ways to solve problems and enhance the client relationship. You embrace a collaborative culture that provides considerable freedom to practice, have a "get it done" attitude and are eager to apply your hands-on computer modeling skills to help solve our government and business clients' advanced air quality problems.

You are seeking a full-time position as an air quality modeler in a fast-pace, challenging and rewarding work environment with excellent opportunities for professional growth. Your typical day might include one or more of the following: conducting scientific investigations using advanced air quality and meteorological models, interpreting modeling results, developing new modeling tools, performing statistical and geospatial analyses of air quality data, preparing reports and communicating results to clients, publishing and presenting findings to peers and stakeholders, and managing projects and client relationships.

Required Skills

Required Skills/Qualifications:
•Experience running and interpreting results from air quality/climate/meteorological models such as CAMx, CMAQ, WRF, GEOS-Chem, MOZART and AM3
•Strong technical programming skills gained through practical experience using languages and tools like Fortran, C/C++, Python, Perl, NCL and R
•Proficiency in working in a Linux/Unix environment, including shell scripting
•Strong oral communication skills
•Ability to write technical content clearly as demonstrated through publications or reports
•Excellent analytical and organizational skills
•Ability to work effectively in a team environment

Helpful Additional Qualifications:
•Experience with emission inventory development and analysis
•Experience with emissions modeling (e.g. running SMOKE or MEGAN)
•Familiarity with computer skills such as managing disk drives and data storage
•Familiarity with database programming

Educational Requirements:
M.S. or PhD in discipline relevant to air quality modeling such as atmospheric science, engineering, meteorology, chemistry or physics.

Required Experience
Experience Required: 2-4 years

ENVIRON is an equal opportunity employer of minorities, females, protected veterans, and individuals with disabilities.

Job Location: Novato, California, United States
Position Type: Full-Time/Regular

Interested parties should send resumes and cover letters to

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