

Job Title: Research Analyst/Scientist
Location: Boston
Department: Research and Modeling

As part of AIR's growing Research and Modeling department you will closely work with a team of scientists, engineers, analysts, and statisticians to incorporate the latest natural hazard modeling technologies into cutting-edge risk assessment tools.

Main responsibilities, but not limited to:

- Development and enhancement of natural hazard models (tropical and extratropical cyclones, earthquakes, severe thunderstorm, etc.)
- Manage the collection and analysis of data; integrate the highest quality data into the modeling process
- Perform validation and verification analysis of implemented model solutions

Knowledge, Skills and Abilities:

- Ability to gather, understand, and critically analyze data from all relevant sources of natural hazard information
- Solid technical programming skills gained through practical experience (e.g. C, C++, FORTRAN, Python, etc.), FORTRAN experience a big plus
- Familiarity with manipulating large data sets, SQL experience a plus
- Basic knowledge in statistics, familiarity with statistical packages such as R a plus
- Highly motivated and self-directed with demonstrated experience in advancing complex projects
- Excellent verbal communication skills
- Risk modeling experience and/or GIS skills a plus

Requirements:

- 2+ years professional experience in a technical environment
- MS degree in Physical Science or Engineering

Please send resumes to
hrdepartment@air-worldwide.com

AIR Worldwide
131 Dartmouth Street
Boston, MA 02116

We are an Equal Opportunity Employer and do not discriminate on the basis of race, color, religion, sex, age, national origin, disability, veteran status, sexual orientation or any other classification protected by Federal, state, or local law.