



# MICHAEL ANDERSON

## AIR QUALITY SCIENTIST

### CONTACT

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-  San Francisco, CA

### SKILLS

- Air quality assessment
- Data analysis
- Public outreach
- Laboratory techniques
- GIS
- Scientific writing

### LANGUAGES

- English
- Spanish
- French

### EDUCATION

**M.S. IN ATMOSPHERIC CHEMISTRY,  
STANFORD UNIVERSITY**

### ACHIEVEMENTS

- Contributed to a study recognized with a Best Paper Award at an international conference.
- Implemented a community air monitoring program that improved local awareness.
- Received the Emerging Scientist award from the EPA in 2021.

### PROFILE

Enthusiastic Atmospheric Scientist with a strong background in atmospheric chemistry and air quality assessment. Over 5 years of experience in conducting field experiments and laboratory analyses to evaluate the impacts of pollutants on climate and health. Proficient in utilizing advanced instrumentation and analytical techniques. Known for effective communication of complex scientific concepts to varied audiences.

### EXPERIENCE

#### AIR QUALITY SCIENTIST

##### Environmental Protection Agency

*2016 - Present*

- Monitored and analyzed air quality data to assess compliance with federal standards.
- Conducted field sampling campaigns to measure particulate matter and ozone levels.
- Developed reports outlining pollution trends and health impacts for policymakers.
- Utilized GIS tools to visualize air quality data for community presentations.
- Collaborated with public health officials to address pollution-related health issues.
- Participated in local outreach programs to educate the public about air quality.

#### RESEARCH ASSISTANT

##### University Research Lab

*2014 - 2016*

- Assisted in laboratory experiments measuring chemical reactions in the atmosphere.
- Conducted data analysis using statistical software to interpret experimental results.
- Co-authored research papers that contributed to the understanding of atmospheric processes.
- Presented findings at university seminars, enhancing communication skills.
- Maintained laboratory equipment and ensured compliance with safety protocols.
- Supported grant writing efforts, contributing to successful funding applications.