



MICHAEL ANDERSON

ATMOSPHERIC MODELER

CONTACT

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-  San Francisco, CA

SKILLS

- Atmospheric Modeling
- Predictive Analysis
- Data Interpretation
- Policy Development
- Collaboration
- Programming

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTERS IN ENVIRONMENTAL SCIENCE,
UNIVERSITY OF MICHIGAN, 2012

ACHIEVEMENTS

- Contributed to a model that accurately predicted air quality improvements post-regulation implementation.
- Recognized with the 'Excellence in Research Award' from NOAA in 2019.
- Published over 10 impactful papers in peer-reviewed journals.

PROFILE

Results-oriented Atmospheric Chemist with over 10 years of experience in atmospheric modeling and analysis. My expertise lies in developing predictive models to understand the impact of human activities on atmospheric composition. I have a comprehensive understanding of chemical transport models and have successfully applied them in various projects focusing on air quality and climate change.

EXPERIENCE

ATMOSPHERIC MODELER

National Oceanic and Atmospheric Administration

2016 - Present

- Developed and implemented advanced atmospheric models to predict air quality scenarios.
- Analyzed model outputs to assess the impact of emissions on regional air quality.
- Collaborated with cross-functional teams to integrate model results into policy-making.
- Presented findings to federal and state agencies, influencing environmental regulations.
- Trained junior scientists in modeling techniques and data interpretation.
- Published research in leading journals, contributing to the field's body of knowledge.

RESEARCH SCIENTIST

Environmental Defense Fund

2014 - 2016

- Conducted research on the effects of climate change on atmospheric gases.
- Utilized remote sensing techniques to analyze atmospheric composition changes.
- Authored reports that informed policy decisions on air quality improvement.
- Led workshops to educate stakeholders about atmospheric science and its implications.
- Collaborated with international teams on climate initiatives, enhancing global cooperation.
- Secured funding for projects aimed at reducing greenhouse gas emissions.