



RYAN CLEARY CONSULTING SCIENTIST

CREDENTIALS

- ◆ M.S., Meteorology, The Pennsylvania State University, 2003
- ◆ B.A., Physics, Hamilton College, 2001
- ◆ Central North Carolina Chapter American Meteorological Society member

PROFESSIONAL EXPERIENCE

- ◆ **2020-Present:** ALL4 LLC, Raleigh, NC – Consulting Scientist
- ◆ **2017-2020:** Wood– Senior Scientist
- ◆ **2016-2017:** Jacobs – Engineering Associate
- ◆ **2004-2015:** Computer Sciences Corporation – Engineering Supervisor

TECHNICAL EXPERTISE

The following highlight Mr. Cleary's key areas of technical expertise

- ✓ Air quality modeling analyses for state, industrial, commercial, and government clients
- ✓ Air emissions inventory development for photochemical and dispersion modeling
- ✓ Model development, evaluation, and analysis
- ✓ Providing permit review and contractual support to state agencies
- ✓ Technical and contract support to US EPA regulatory and air modeling research groups
- ✓ Assisting clients in air deposition analyses for accidental release, emerging contaminants, toxicological, and health risk assessment studies

PROFESSIONAL OVERVIEW

Mr. Ryan Cleary has over 15 years of experience providing emissions development, air quality modeling, project management, and permitting services. His focus is providing consulting services and air quality modeling evaluations to industrial, commercial, and federal clients.

Mr. Cleary has provided ambient air quality analyses for various permitting applications, supporting clients in the pulp and paper, power, military, transportation, waste, and mining industries. He has performed compliance demonstrations in support of New Source Review projects and air toxics programs in multiple states. In addition to conducting modeling analyses, Mr. Cleary has supported the development of Risk Management Plans, conducted investigative research, and provided technical review services for state agencies.

Mr. Cleary's air quality experience includes 15 years of modeling support to the US EPA, including AERMOD dispersion modeling and code development, model evaluation, and analysis; SMOKE emissions simulations development and inventory preparation for CMAQ and CAMx photochemical modeling; and has served as the lead for multiple federal contracts, providing contract management services and technical direction supporting US EPA research and regulatory initiatives.