



**BLUE SKY**  
MODELING.LLC  
AIR UNDERSTOOD

## MODELING IN THE UNITED STATES

Blue Sky Modeling, LLC (BSM) specializes in air quality modeling. We combine decades of worldwide modeling expertise with the flexibility of a small firm to bring unparalleled service and response to our clients.

In the past decade-plus, the United States has seen the advent of new, stricter ambient air quality standards which have greatly increased the complexity of modeling. When coupled with changes in EPA's permitting rules, the need for air dispersion modeling is greater than ever as projects that just a few years ago did not require any dispersion modeling now may need to undergo rigorous, complicated analyses to satisfy regulators.

### Types of Modeling Analyses

- PSD (Class I and Class II)
- SIP/NAAQS
- State Air Toxics
- Fatal flaw (plant siting)

BSM has conducted many different kinds of modeling analyses. Examples include supporting PSD permitting (both Class I and Class II analyses), addressing NAAQS compliance associated with State Implementation Plans, demonstrating compliance with State Air Toxics programs, and what we call "Fatal Flaw" modeling, which identifies modeling issues associated with a specific location or plant layout that might pose a hindrance to the permitting of a potential project.

BSM has negotiated modeling strategies with State and Federal regulators, taught air dispersion modeling courses, and provided expert testimony on modeling issues. We have modeled nearly every source type imaginable including, but not limited to, steel, oil and gas, smelting, power generation, cement, and chemical.

If you have a need for air quality modeling, please contact BSM's President, Bill Jones. You'll find BSM to be a valued partner who brings innovative solutions to your modeling issues with responsiveness that is unmatched in the industry.

