



BLUE SKY
MODELING.LLC
AIR UNDERSTOOD

ACCIDENTAL RELEASE MODELING

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 throughout the world.

Included in BSM's modeling services is accidental release modeling, which addresses accidental or emergency releases of chemicals. Because these chemicals are typically denser than air, they disperse in the atmosphere differently than pollutants typically assessed with a model like AERMOD. As a result, they require the use of a different kind of model.

Models We Run

- SLAB
- ALOHA
- DEGADIS

Accidental release models can assess impacts from incidents such as a jet of chemicals emitting from

a punctured vessel or a pool/puddle of a chemical that is evaporating. BSM works with its clients to fully understand their operations and potential emergency release scenarios such that we can utilize the appropriate model to characterize potential impacts from accidental releases. Our clients who typically utilize this kind of modeling include facilities that manufacture or store hazardous chemicals, with the analyses often requested by safety managers or people involved in emergency response.

BSM staff have been conducting air quality modeling for the past three decades, and our project work has taken us throughout North America, South America, Africa, Europe, and Asia. We have modeled every type of industry type imaginable, including, but not limited to steel, oil and gas, power generation, smelting, cement, and chemical.

If you have a need for air quality modeling, please contact BSM's President, Bill Jones. Bill would be glad to speak with you to discuss how BSM could be a valued partner in delivering air quality modeling solutions to you.

