

PRACTICAL AIR DISPERSION & ACCIDENTAL RELEASE MODELING WORKSHOP - INTERNATIONAL

This 3-day course focuses on the fundamentals of air dispersion modeling, air dispersion modeling with AERMOD and CALPUFF, and accidental release modeling with BREEZE Incident Analyst. It provides hands-on instruction with all of these programs to those who wish to use the models, sharpen their existing modeling skills, or better understand results prepared by others. It is a combination of the *AERMOD Modeling Computer Lab* and *Accidental Release Modeling Workshop with BREEZE Incident Analyst* courses, with additional focus on developing a strong understanding of model fundamentals.

COURSE FEE: \$1,699 USD; includes a comprehensive resource manual, refreshments, and lunch.

AGENDA: Registration and Coffee at 7:45 a.m.
Course Adjourns: 5:00 p.m. each day

COURSE TOPICS:

- > *Overview of Air Dispersion Modeling*
- > *Dispersion Model Selection*
- > *Fundamentals of Gaussian Dispersion Models*
- > *The AERMOD Modeling System*
- > *The User Interface of BREEZE AERMOD*
- > *The CALPUFF Modeling System*
- > *The User Interface of BREEZE CALPUFF*
- > *Formulating Model Input Data*
- > *Model Options and Objects*
- > *Terrain Characterization*
- > *Building Wake Effects (PRIME)*
- > *Meteorological Data Processing with AERMET*
- > *Productivity Tools – 3D Analyst, Downwash Analyst*
- > *Advanced Output Options*
- > *Culpability Analyses*
- > *Advanced Modeling Techniques Hands-on Exercises*
- > *Overview of Accidental Release Modeling*
- > *Common Source Term Calculation Methods*
- > *Overview of Impact Analysis Models*
- > *Hands-on Exercises with BREEZE Incident Analyst*

About Trinity Consultants

Trinity Consultants is a leading provider of environmental consulting services to industry, with renowned expertise in the areas of air permitting and environmental management. Our instructors are full-time consultants with extensive experience in their area of instruction. Their daily, direct experience with projects translates into a practical and effective learning opportunity for all attendees.

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