

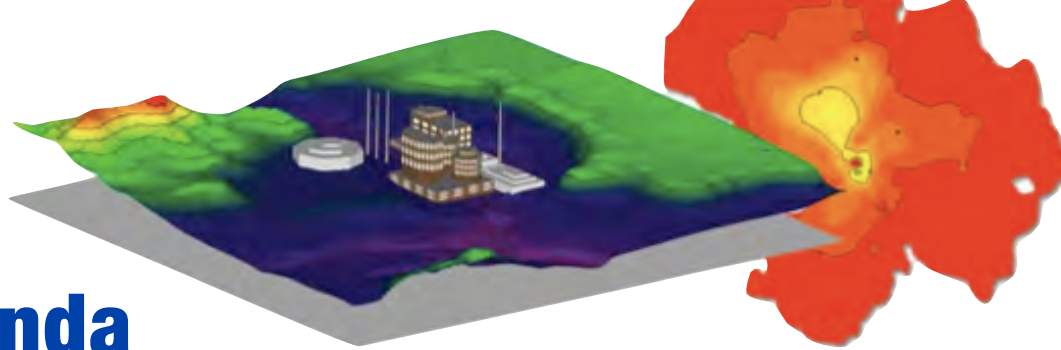
AERMOD

Lakes Environmental

TRAINING



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Course Agenda

Two Day Training

DAY 1

8:30am - 6:00pm

DAY 2

8:30am - 6:00pm

Morning

- Introduction
- Physics of Air Dispersion (turbulence, meteorology, receptors, topography, plume rise, building downwash, deposition)
- Hands-on Meteorological Data Processing
- Refined Model Introduction. Overview and Data Input for AERMOD and BPIP models

Afternoon

- Coordinate Systems and Maps
- Hands-on BPIP
- Hands-on AERMOD
- Terrain Processing
- Hands-on AERMAP
- Analyzing Results

Morning

- 1st Day Review
- Atmospheric Physics - Planetary Boundary Layer Theory and Turbulence
- Hands-On “Fresh Case”
- Special Topics
- Air Dispersion Modeling Challenges

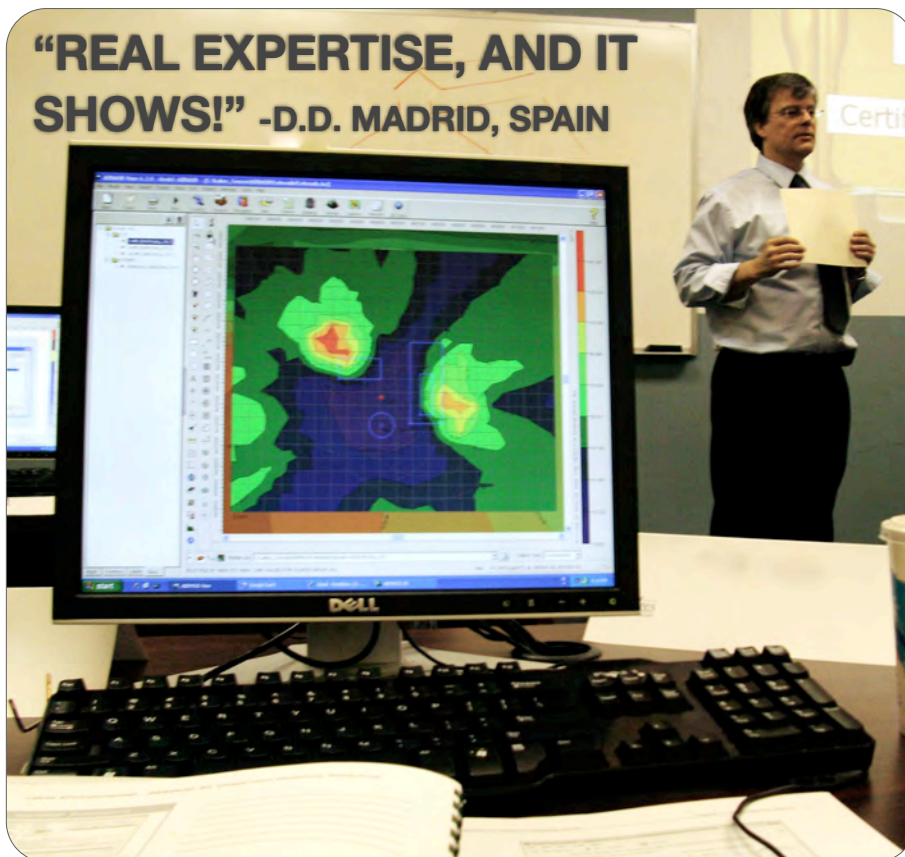
Afternoon

- Detailed Case Study *
- Errors and Troubleshooting
- Multi-Chemical Runs
- Wet and Dry Deposition
- Discussions & Future Topics

*Ontario only: Special modeling case following the new Air Dispersion Modeling Guideline for Ontario (ADMGO) which provides guidance on complying with the dispersion model requirements of Ontario Regulation 419/05: Air Pollution – Local Air Quality.

Theory & Hands-On

Lakes Environmental Training Approach



“It was a great class! It had the perfect mix of lecture and hands-on”

**B.H. - Carson City, Nevada
April 5-18, 2008**

“Very well structured, with applicable theories and hands on framing for practice”

**W.J. - Toronto, Ontario
February 5-6, 2009**

The Best Way to Learn New Software

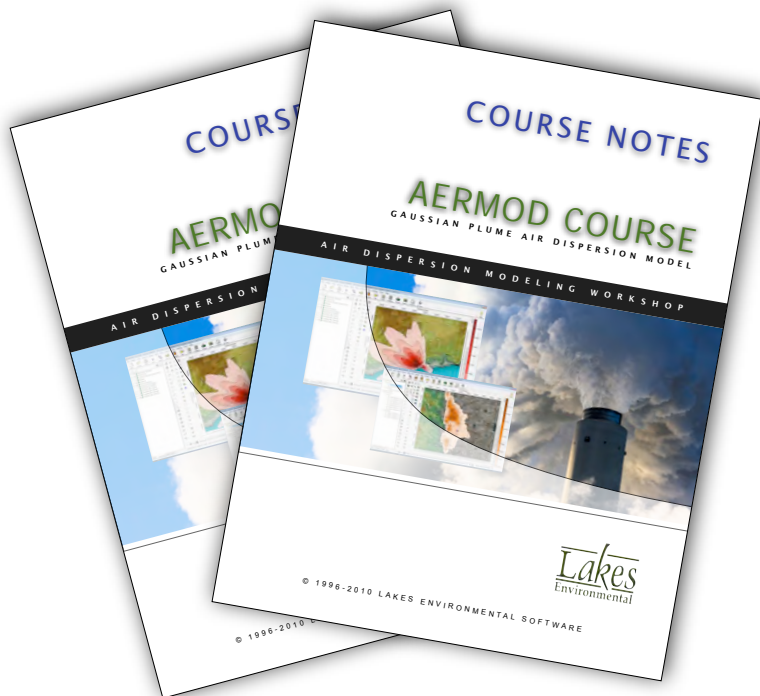
Lakes Environmental has offered training in air dispersion modeling worldwide since 1998. Our classes not only emphasize the importance of AERMOD's theoretical application, but also its practical hands-on functionality. Lakes Environmental believes that the best way to learn new software is to learn it first hand. That is why every course attendee is trained by our experts, in a smaller class setting, and provided individual access to both AERMOD View and a

computer over the duration of our training. We ensure your training experience provides you with all the necessary tools and information to carry out your own AERMOD modeling projects.

Well structured classes, expert instructors, small class sizes, personal computer access, and extensive course materials; it's no wonder Lakes Environmental is the most internationally recognized provider AERMOD modeling training.

Course Materials

Included in your Training Registration



Course Notes & Slides

Lakes Environmental equips you with two course booklets for your future endeavors with AERMOD modeling. We supply you with a “Course Slides” booklet containing slides from the training presentation, as well as a “Course Notes” binder which takes you step-by-step through basic modeling procedures.

Course CD

Every course attendee also receives a Course CD. This CD includes;

- FREE downloads for Screen View, WRPLOT View, and Percent View
- Course files for case studies reviewed during training
- Links to key modeling resources
- PDFs of course powerpoint slides

AERMOD View

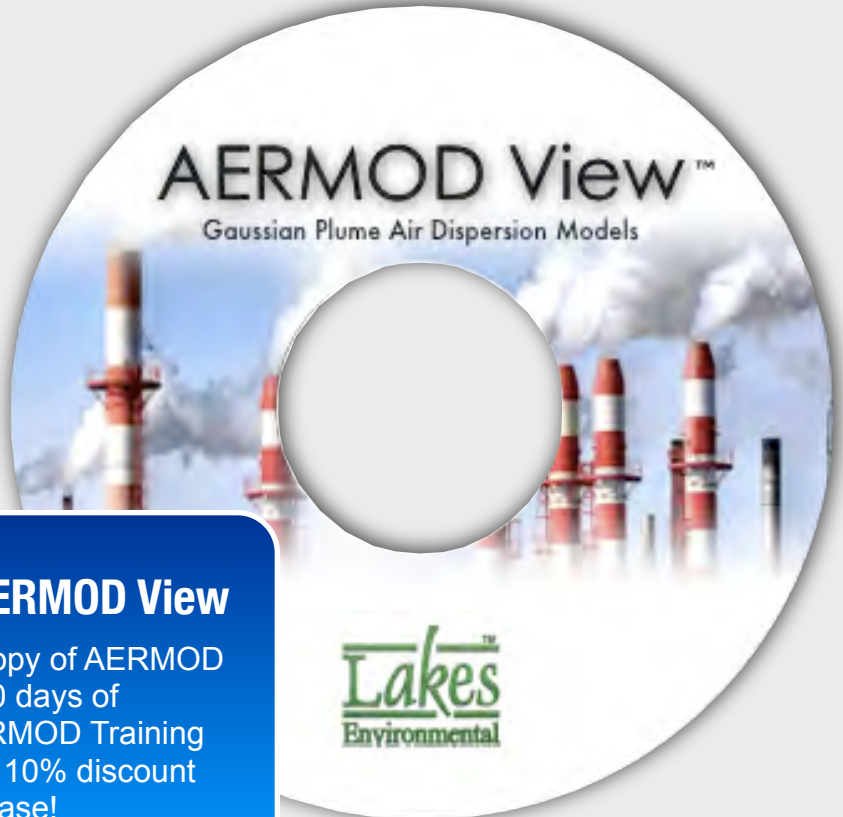
Gaussian Plume Air Dispersion Model

AERMOD View is a complete and powerful air dispersion modeling package which seamlessly incorporates the popular U.S. EPA models into one interface: AERMOD, ISCST3, and ISC-PRIME. These models are used extensively to assess pollution concentration and deposition from a wide variety of sources. The AMS/EPA Regulatory Model (AERMOD) is the next generation air dispersion model based on planetary boundary layer theory. With few exceptions, AERMOD contains the same options as ISCST3.

AERMOD fully incorporates the PRIME building downwash algorithms, advanced depositional parameters, local terrain effects, and advanced meteorological turbulence calculations.

10% off AERMOD View

Purchase a copy of AERMOD View within 90 days of attending AERMOD Training and receive a 10% discount off your purchase!



Purchase AERMOD View Now!

info@addlink.es

www.ingenieria-ambiental.es