



# CALPUFF Training

Long Range Puff Transport Air Dispersion Model

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# Course Agenda

## Two Day Training

**DAY 1**  
8:30am - 4:30pm

### Morning

- Introductions
- Puff vs. Plume Models
- Terrain and Land Use Pre-Processing (GEO.DAT)
- Met Station Data Pre-Processing and WRF Met Data
- Hands-on CALMET - Obs Modeling
- Wind Field QA - How to Read/Modify a Wind Field

### Afternoon

- Basic parameters for a CALPUFF Run
- CALPOST Post-Processing Options
- Hands-on CALPUFF and CALPOST Modeling - Obs Modeling
- Hands-on CALMET - No Obs
- Hands-on CALPUFF and CALPOST

**DAY 2**  
8:30am - 4:30pm

### Morning

- 1st Day Review
- Chemical Transport and Transformations
- Complex Terrain and Coastal Modeling
- Hands-on Coastal Modeling
- Hands-on Complex Terrain
- Odor, Flare, Tanks Roads and Other Unique Modeling Instances

### Afternoon

- Hands-on Sub-Hour Modeling
- Dealing with Large Projects - CALSUM Post-Processor
- Hands-on CALSUM
- Hands-on DIY Case - Attendee's Own Modeling Site with Lakes' WRF Met Data Processed for Each Location

# Theory & Hands-On

## Lakes Environmental Training Approach

**“The hands on approach is clearly the best way to learn”**

**P.A.A - Carson City, Nevada**

**“Informative and highly technical. Provides detailed information about the basics of air dispersion modeling”**

**C.B. - Toronto, Ontario**



**“REAL EXPERTISE, AND IT SHOWS!” -D.D. MADRID, SPAIN**

### **The Best Way to Learn New Software**

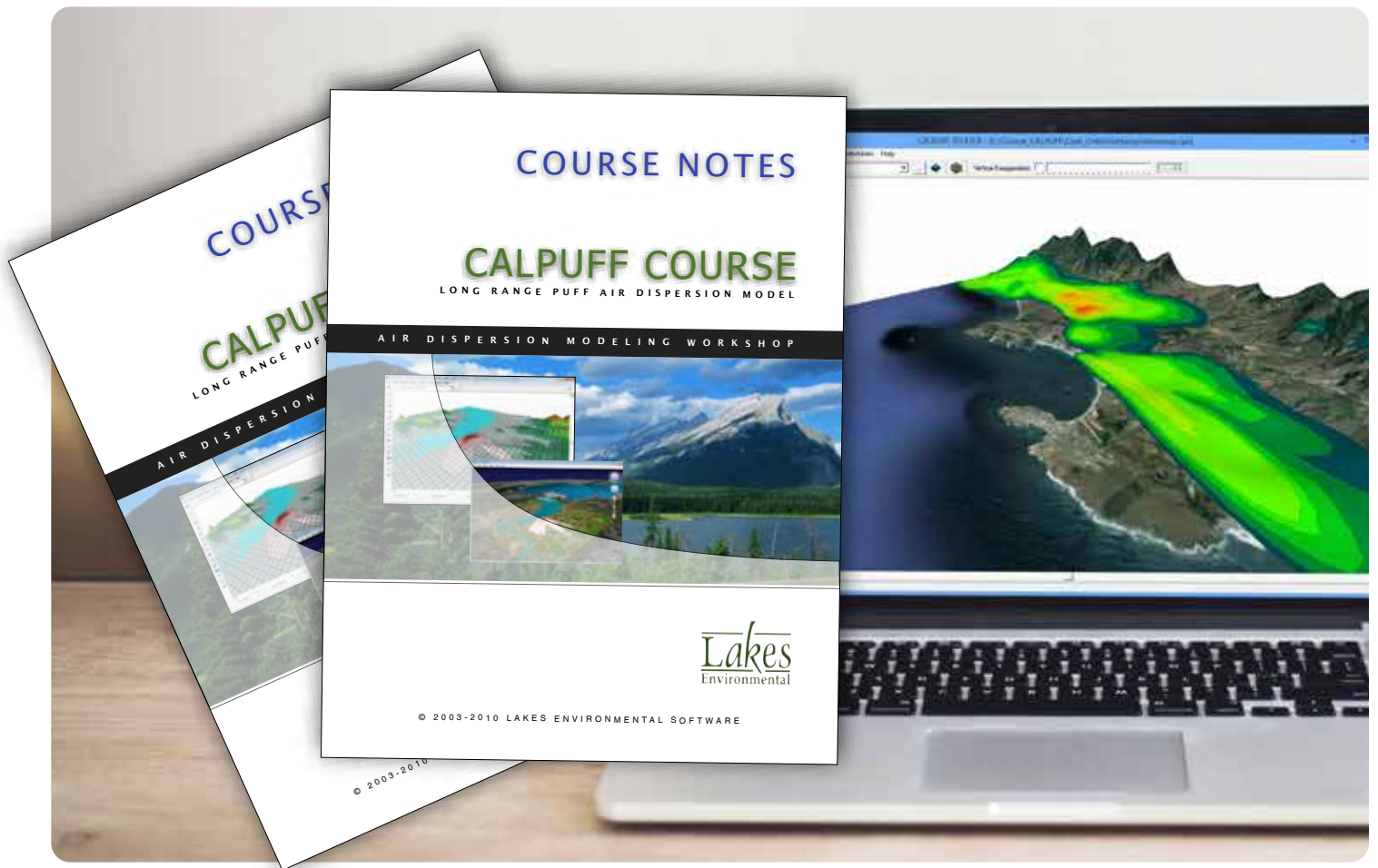
Lakes Environmental has offered training in air dispersion modeling worldwide since 1998. Our classes not only emphasize the importance of CALPUFF's theoretical application, but also its practical hands-on functionality. Lakes Environmental believes that the best way to learn new software is to learn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

Well structured classes, expert instructors, small class sizes, and extensive course materials; it's no wonder Lakes Environmental is internationally recognized for its training.

# Course Materials

Included in your Training Registration



## Course Notes & Slides

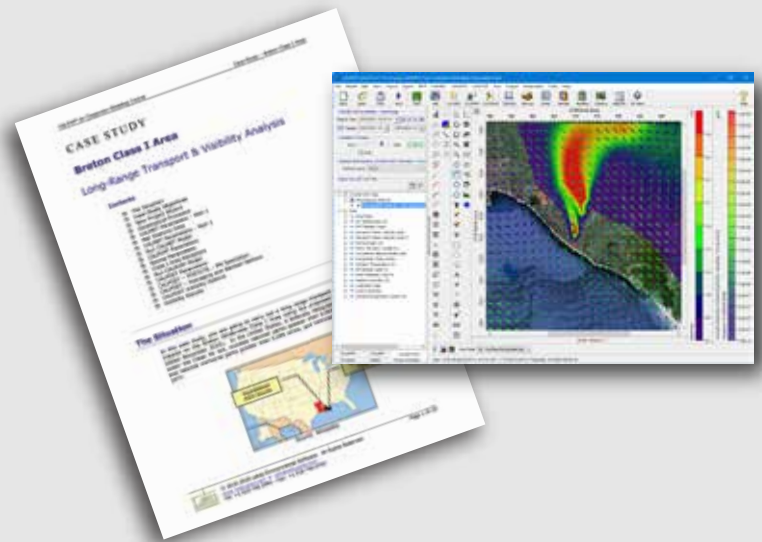
Lakes Environmental equips you with two course booklets for your future endeavors with CALPUFF modeling. We supply you with a "Course Slides" booklet containing slides from the training presentation, as well as a "Course Notes" binder which takes you step-by-step through basic modeling procedures.

# CALPUFF View

## Long Range Puff Transport Air Dispersion Model

CALPUFF View provides a complete graphical solution for the CALPUFF modeling system; CALMET, CALPUFF and CALPOST, along with their related pre and post processors. The software supports the EPA-Approved Version 5, advanced Version 6, and the latest Version 7 CALPUFF modeling systems. It also includes power and independent QA tools stunning report ready results and a wide range of visualization options. CALPUFF is a sophisticated model, and is used in many modeling scenarios, including:

- Toxic pollutant deposition
- Visibility assessments
- Complex terrain
- Secondary pollutant formation
- Long range and over-water transport
- Building downwash
- Costal interaction effects
- Dry deposition
- Fumigation conditions
- Chemical transformation
- Sub-hourly time steps



**10% off  
CALPUFF View**

Purchase a copy of CALPUFF View within 60 days of attending CALPUFF Training and receive a 10% discount!

**Purchase CALPUFF View Now!**

[sales@webLakes.com](mailto:sales@webLakes.com)

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