CALPUFF Training

Long Range Puff Transport Air Dispersion Model

Lakes Software

www.webLakes.com

Course Agenda

Two Day Training

DAY 1 8:30am - 5:00pm	DAY 2 8:30am - 5:00pm

Morning

- Inroductions
- 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 - Obs Modeling
- Hands-on CALMET/CALPUFF/CALPOST with Prognostic Met Data

Morning

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

Afternoon

- Dealing with Large Projects – Hands-on CALSUM Post-Processor
- Chemistry and Visibility Analysis
- Review of FLAG, IWAQM, Visibility Guidances
- Hands-on Visibility– Breton Class I Area
- 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
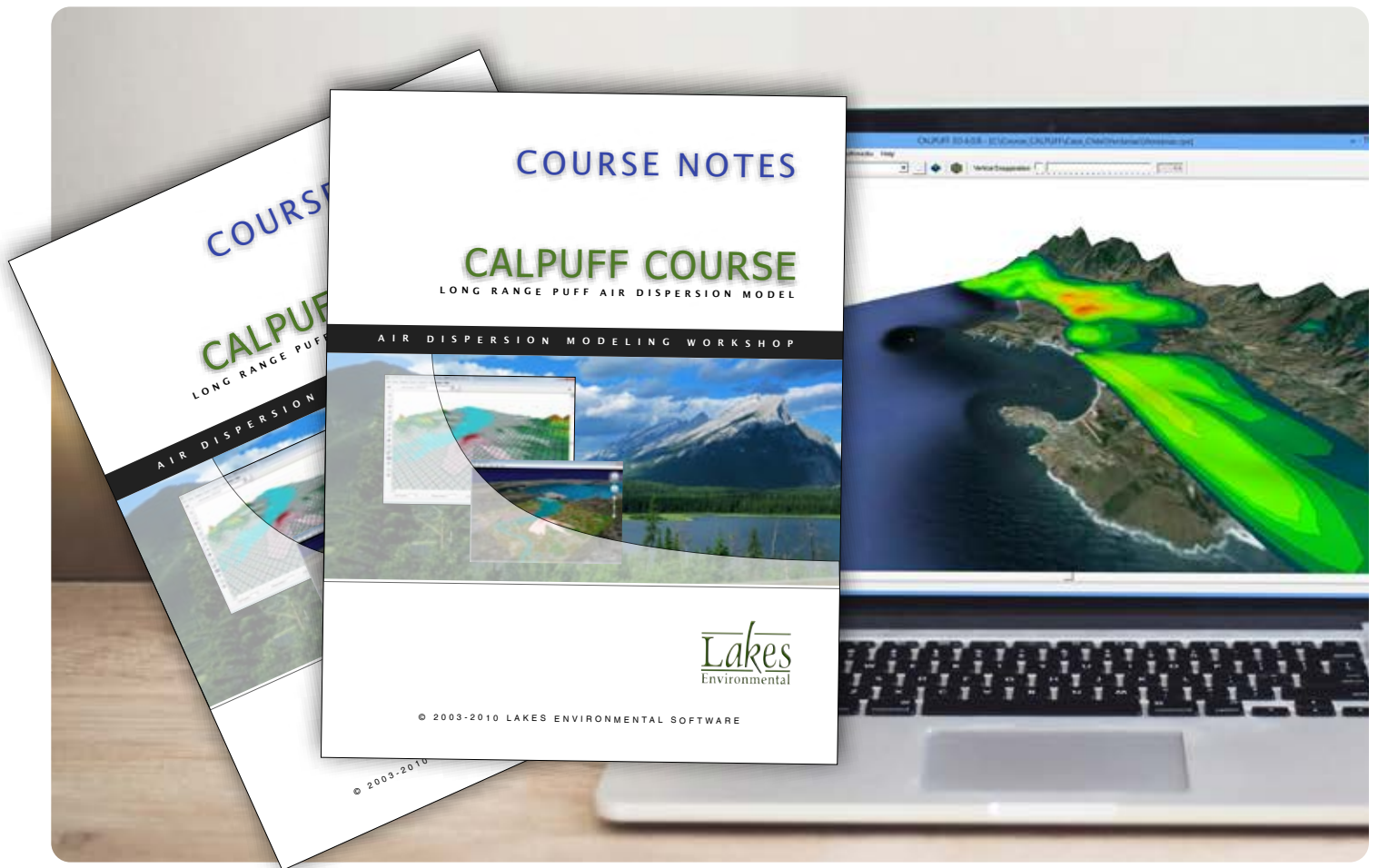
The Best Way to Learn New Software

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

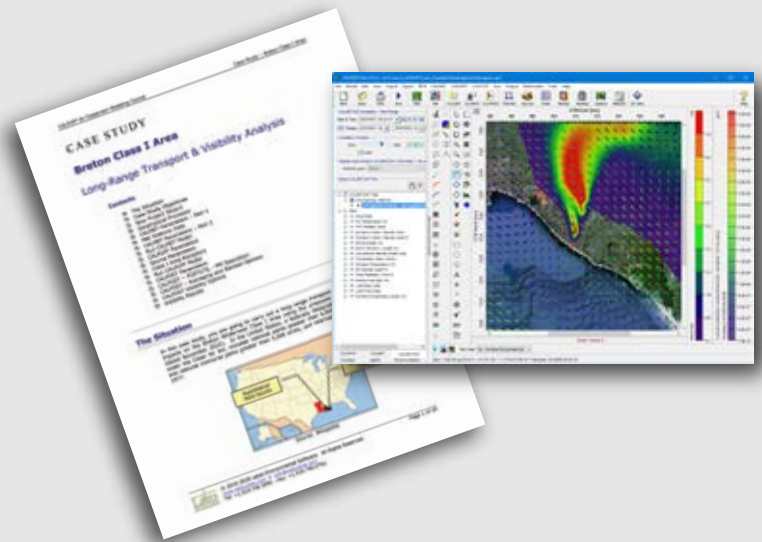**Included in your Training Registration**

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

Purchase CALPUFF View Now!

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www.webLakes.com/buy