



Online CALPUFF Training

Long Range Puff Transport Air Dispersion Model

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Lakes
Software
www.webLakes.com

Course Agenda

Two-Day Online Training

DAY 1
8:30am - 5:00pm

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

DAY 2
8:30am - 5:00pm

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

Note: Given the complexity of the CALPUFF model, it is recommended that participants previously have attended an AERMOD course to ensure that they have already gained an adequate knowledge of CALPUFF's scientific theory.

Theory & Hands-On

Lakes Environmental Online 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



The Best Way to Learn New Software

Since 1998, Lakes Environmental has offered in-person training in air dispersion modeling worldwide. Our popular classes emphasize the importance of CALPUFF’s theoretical and regulatory application, as well as practical hands-on exercises designed to reinforce theory and real-world application.

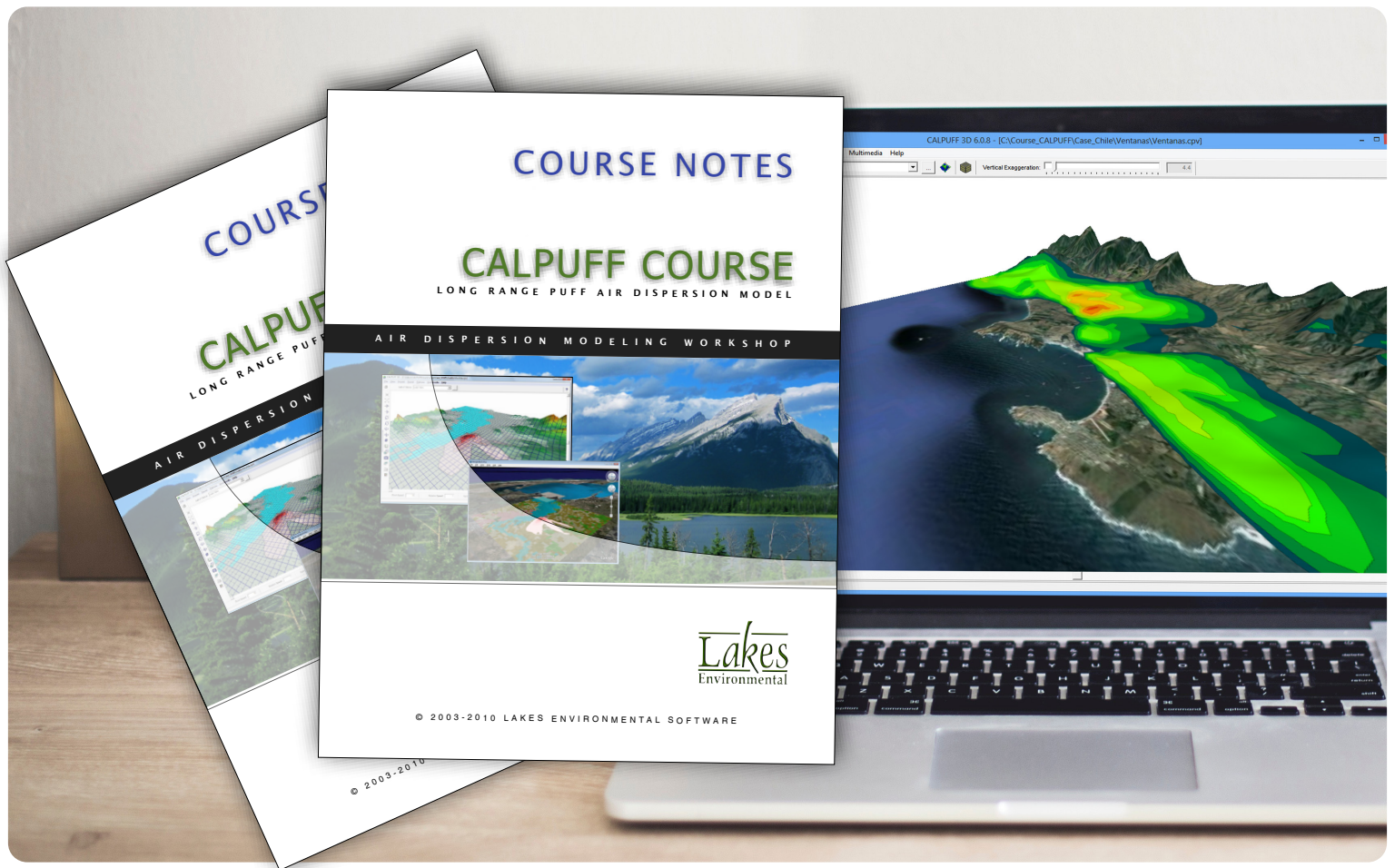
Building on the immense success of our in-person courses, we are now offering our leading CALPUFF course online. This means that attendees receive the same hands-on course experience and individual attention from our expert senior instructors all from the convenience and safety of

their home or office. Every attendee is provided access to our CALPUFF View software throughout the course to ensure they have all the necessary tools and information required to complete training and carry out their own CALPUFF modeling projects.

Well structured classes, expert senior instructors, small virtual class sizes, extensive course materials, and personal software access for the duration of the course; it’s no wonder Lakes Environmental continues to be the most internationally recognized provider of CALPUFF modeling training.

Course Materials

Included in your Training Registration



Course Tools

Lakes Environmental equips you with the necessary materials for your future endeavors with CALPUFF modeling. We supply you with online access to the course presentation, software to use throughout the duration of the course, and electronic course notes that take you step-by-step through modeling procedures.

Note: Course attendees are not permitted to share, record, or distribute the course presentation (whether live or streamed content) in any format.

CALPUFF View

Long Range Puff Transport Air Dispersion Model

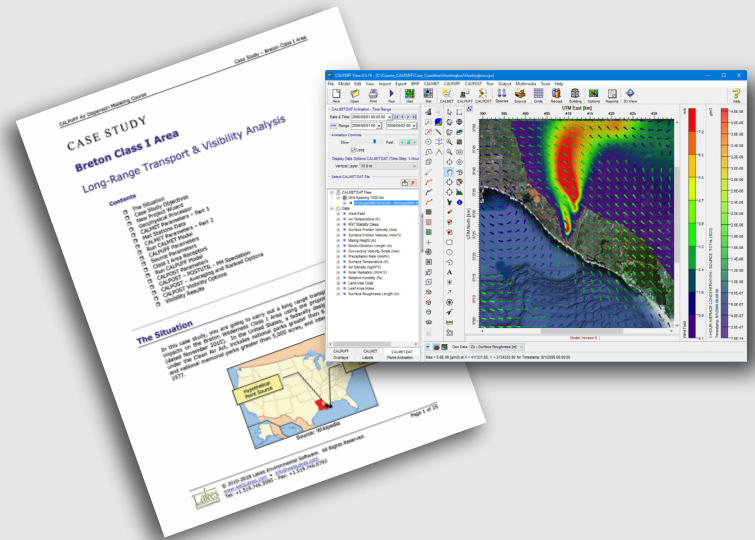
CALPUFF View provides a complete graphical solution for the CALPUFF modeling system; CALMET, CALPUFF and CALPOST, along with their related pre and post processors. The software supports the EPA-Approved Version 5, advanced Version 6, and the latest Version 7 CALPUFF modeling systems. It also includes 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
- Coastal interaction effects
- Dry deposition
- Fumigation conditions
- Chemical transformation
- Sub-hourly time steps

Purchase CALPUFF View Now!

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