



LAKES ENVIRONMENTAL CALPUFF COURSE OUTLINE

2-DAY CALPUFF COURSE OUTLINE

DAY 1

- Introductions
- Dispersion, stability class, and mixing height
- Puff versus Plume models
- Terrain and land use pre-processing (GEO.DAT)
- Met station data pre-processing & WRF/MM5 met data
- Hands-on CALMET
- Wind Field QA - how to read/modify a wind field
- Basic parameters for a CALPUFF run
- CALPOST post-processing options
- Hands-on CALPUFF and CALPOST modeling

DAY 2

- Review of Day 1
- Turbulence, plume rise, and dispersion
- Chemical transport and transformations
- Complex terrain and coastal
- Hands-on complex terrain
- Hands-on coastal modeling
- Odor modeling and other unique instances
- Hands-on odor modeling
- Hands-on CALPUFF run using your own site
- Dealing with large projects – CALSUM post-processor
- Hands-on CALSUM



Lakes Environmental Software

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