



LADCO | LAKE MICHIGAN
AIR DIRECTORS CONSORTIUM

LADCO Fall 2019 Training Committee Meeting

September 25, 2019
Rosemont, IL

Today's Meeting Objectives

- Share experiences of state training coordinators
- Build relationships on the LADCO Training Committee in support of collaborative training planning across the region
- Design a FY2020 training program to meet the needs of the LADCO member states
- Develop a training strategy that spends all of the training funding on the current LADCO grant by September 2020

FY2020 Regional Training Program

Training Funding Ideas for 2020

- Hosting pre-existing courses
- Sending state staff to trainings, workshops, conferences, and meetings
- Developing new course materials: classroom or online
- Centralized training workshops
- Training facility equipment

LADCO Training Workshop Ideas

Modeling

- CAMx Modeling Workshop
 - 3 day hands-on introduction to CAMx training
 - 1 day classroom advanced CAMx features and applications
- Emissions Workshop
 - 1 day classroom introduction to emissions inventories and modeling
 - 2 day hands-on MOVES training
 - 2 day hands-on SMOKE training

LADCO Training Workshop Ideas

Data Analysis

- Air Quality Modeling Data Analysis
 - 2 day hands-on interpretive analysis with AMET and VERDI
 - 2 day R statistical and graphical analysis for air quality data
 - 1 day remote sensing data analysis with RSIG or GIOVANNI
- ABaCAS Training: Air Quality Endpoints
 - 1 day classroom introduction to ABaCAS
 - 1 day hands-on attainment testing with SMAT-CE
 - 1 day hands-on health impacts analysis with BenMAP-CE
 - 1 day hands-on visualization with Model-VAT

LADCO Training Workshop Ideas

Chemical Industry Regulation

- Synthetic Organic Chemical Manufacturing Industry (SOCMI) NSPS
- Leak Detection and Repair (LDAR)
- Hazardous Organic NESHAP (HON) and Miscellaneous Organic NESHAP (MON)
- Chemical Industry Regs
- Common/Overlapping Regs and Issues
- Report/NOCs Review
- Example Permit Language by Reg
- Hazardous Organic NESHAP (HON) and Miscellaneous Organic NESHAP (MON) Inspection Guidance
- Petroleum Industry Regs

LADCO Training Workshop Ideas

Other Ideas

- **Permitting Workshop**
 - Introduction and intermediate permit writing, dispersion modeling, intermediate permitting
- **Monitoring Workshop**
 - Introduction to monitoring, analytical methods, QA/QC Techniques, PAMS network operation and maintenance
- **Inspector Workshop**
 - Basic inspector training, inspector procedures and safety, emissions and gas handling systems, advanced inspector training

FY2020 Training Funding Plans

- Each state has \$40,000 to spend in FY2020 (by September 30, 2020)
- LADCO will manage remaining \$140,000
 - To be used by states after spending out initial allotment on a first-come, first-served basis – email request to LADCO for additional funding
 - LADCO will review curricula needs of the states and the national training program and fund course update/development projects
 - Priority use of these funds to develop courses for LADCO states, secondary priority to needs of the national program

Session Questions

- What are the priority areas for training in your air program?
- Which courses do you want to offer to your agency in the next year?
- Are there curricula/courses that are not in the National Training Program (APTI or NACT) that you need?
- Do you have training facility equipment needs that will require funds in 2020?