

Air Quality Dispersion Modeling Short Course
CENTER FOR AGRICULTURAL AIR QUALITY ENGINEERING AND SCIENCE
TEXAS A&M UNIVERSITY
College Station, Texas

DESCRIPTION

This three-day training course of applied dispersion modeling will provide hands-on exercises on air quality dispersion modeling. Participants will be given an introduction to the various regulatory issues associated with the use of dispersion modeling.

Topics include introduction to air pollution regulatory process and the basic Gaussian dispersion modeling. The history and development of dispersion models will be discussed including permitting and reporting processes. Classroom instruction also covers manual and spreadsheet calculation of dispersion modeling parameters including meteorological data processing. The application of dispersion modeling to emission factor development for agricultural facilities will be discussed.

Hands-on exercises will be conducted on ISCST3, the EPA approved dispersion model. The instructor will go through the discussion of each program characteristics and assist participants in building, running and trouble shooting models using ISCST3.

DELIVERABLES

Instructors from the Center for Agricultural Air Quality Engineering and Science (CAAQES) will provide:

- Instruction on air pollution regulatory process, dispersion modeling calculations and applications;
- Meeting facilities on the Campus of Texas A&M University, College Station, Texas;
- Bound reference materials and publications including a CD to assist participants with understanding the course content and applying concepts learned.

TUITION

\$1,000 per participant