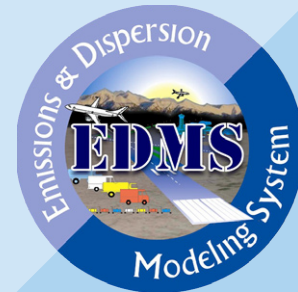


FAA Releases EDMS Version 4.5

July 2006



The FAA recently released Version 4.5 of the Emissions Dispersion Modeling System (EDMS). The EDMS 4.5 update includes improvements to the Road and Parking Facilities portion of the model pertaining to the use of EPA's MOBILE 6.2 model, as well as many other model improvements, described below.

Road & Parking Facilities

- Correction to the memory error that eliminates the generation of non-numeric values when the user selected anything other than 'Default Fleet Mix' while requesting the "System Generated Values" in MOBILE 6.2.
- Added an Apply and OK button to run MOBILE once after all changes to roadways, parking facilities have been added to the study.
- Updated the MOBILE 6 table which corrects overestimated PM values for heavy duty vehicles using diesel fuel for the year 2007 and beyond.
- Parking and roadway emissions factors are now modeled with greater precision of up to 4 decimal places.
- Lifted the restrictive 0 to 2 grams/vehicle mile limitation on fugitive PM emissions from parking lot and roadways.
- User-edited parking and roadway emissions have been preserved while updating studies that were created in previous versions of EDMS.

Study Setup

- The selection of MOBILE 5a and 5b now executes without crashing and output the correct emissions results.

View Concentrations

- EDMS 4.5 now provides the user with the option to stop loading concentration files, thereby saving users time if they have mistakenly loaded the wrong concentration file.
- EDMS 4.5 loads all concentration files into the available list regardless of where they were created, thereby providing the user easy access to any concentration file that exists in the current study folder.

AERMOD

- EDMS 4.5 now uses scientific notation to represent the

hourly emissions in the (.hre) files.

Emissions Inventory

- EDMS 4.5 now displays the date of when the emissions inventory was run in the print out.

Ordering EDMS

The EDMS model can be obtained at: http://www.faa.gov/about/office_org/headquarters_offices/aep/models/edms_model/

Training

KB Environmental and HMMH are offering an EDMS Training Course at HMMH's Headquarters in Burlington, MA. For more information: <http://www.hmmh.com/training.html>.

- **EDMS Course**
October 2-3, 2006, Burlington, MA
- **Airport Noise Control Practices**
September 28-29, 2006
- **Integrated Noise Model (INM)**
September 13-15, 2006, Taipei, Taiwan
October 4-6, 2006, Burlington, MA
October 16-18, 2006, Copenhagen, Denmark
- **FHWA Traffic Noise Model (TNM)**
October 23-27, 2006, Burlington, MA

Contacts

Mike Kenney, Vice President
KB Environmental Sciences, Inc.
9500 Koger Blvd., Suite 211
St. Petersburg, FL 33702
727.578.5152
mkenney@kbenv.com
<http://www.kbenv.com>



Mary Ellen Eagan, President
Harris Miller Miller & Hanson Inc.
77 South Bedford Street
Burlington, MA 01803
781.229.0707
meagan@hmmh.com
<http://www.hmmh.com>

