

## Introduction

Welcome to the MOVES2014a Hands-On Training Course. Please arrive promptly at 8:00 am on both days. The course concludes at 4:00 pm on Day 1 and may end earlier on Day 2 to accommodate early flights. There will be a break for lunch as well as brief mid-morning and mid-afternoon breaks will be offered as-needed. The agenda for both days is below.

### *Day 1 (8:00 am – 4:00 pm)*

#### **Module 1: Introduction**

- General MOVES background and strategies for running MOVES

#### **Module 2: Getting Acquainted with MOVES**

- Preview of menu items and creating a RunSpec
- Hands-on National scale exercise

#### **Module 3: Using MOVES to Generate County Inventories**

- Creating RunSpecs and local inputs for inventory runs
- Using the County Data Manager
- Understanding converters (using AADVMT converter)
- Running MOVES

#### **Module 4: Processing MOVES Outputs**

- What's in MOVES output tables?
- Post Processing menu
- Using MySQL scripts and MySQL Workbench

#### **Module 5: Review and Best Practices**

- Day 1 highlights
- Best practices for managing files
- What to look for when reviewing MOVES runs

### *Day 2 (8:00 am – 4:00 pm)*

#### **Module 6: Custom Domain**

- Relevant inputs
- Dividing the activity using zones
- Hands-on exercise: modeling multiple areas with a custom domain

#### **Module 7: Emission Rates**

- Three types of rates
- Using the meteorology input to build a rates look-up table
- MOVES inputs for a rates run
- Hands-on exercise: create an inventory using rates

#### **Module 8: Project-level Analyses**

- Overview
- Class demonstration: how to run MOVES for a small project

#### **Module 9: On Your Own Class Exercise**

- Starting with input data, develop a county level CO inventory
- Class demonstration: how to run MOVES for a small project

#### **Module 10: Modeling Nonroad Emissions**

- Overview