



North Carolina Model Users Group

May 2, 2012
9:00 a.m. – 12:00 p.m.
Renaissance Hotel, Asheville, NC

Agenda

Moderators: Mark Eatman and Hong Qi Lu

- **MOVES Data Development and Application**, Roberto O. Miquel with CDM Smith (9:10-9:50)

Attendees will be introduced the concept of air quality emissions and travel demand model integration.

- identify some sources of input data for MOVES2010
- gain familiarity with key air quality post-processing concepts such as:
 - ◇ Emissions rates disaggregation
 - ◇ Peak spreading
 - ◇ Speed models
 - ◇ Speed bin interpolation

- **NHTS Data Set**., Erin Wardell with Parsons Brinckerhoff(9:50-10:30)

Attendees will become more familiar with the information contained in the NHTS data set, as well as the strengths and weaknesses of this data set as it relates to travel demand models. This session will also contain information on data processing techniques, and how survey data is used to develop, calibrate, and validate travel demand models.

- **Vehicle Probe Project (VPP) Suite: NC Speed Data**, Kelly Wells with NCDOT(10:30-10:50)

Attendees will be able to

- understand what capabilities the Vehicle Probe Project (VPP) Suite provides
- obtain access to VPP data for their use

- **An update on the CTPP for technical users**, Penelope Weinberger with AASHTO (10:50-11:30)

This presentation will include a briefing on what is different with the coming product regarding geography, privacy rules, timing, availability and source data.

Attendees will

- Gain an understanding of the Census data that will be available and how reliable it will be
 - Learn the differences between previous versions/tabulations and the coming one
 - Learn the time line and nuances of the coming data
 - Understand the results and impact of NCHRP 8-79 research project “Producing Transportation Data Products from the American Community Survey that Comply with Disclosure Rules”
- **NCMUG Survey results and “Modeling Guidelines”**, NCDOT Staff (11:30-11:45)

Other Notes:

- **Three PDHs can be earned at the meeting (roster sheet & forms will be provided).**