Transportation and Air Quality Resources Available from FHWA

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Introduction

- Training Courses
  - Formalized course developed by FHWA Resource Center
- Technical Assistance
  - Customized training and assistance
- Webinars and Web conferences
  - Less formal, topics can cover frequently asked questions
- Websites
  - Source of reference material
- Conferences

Introduction

- Technical Material
  - Generally involves analysis or science relating to air quality, transportation activity
  - Technical material and courses available from FHWA Resource Center
- Policy and Guidance Material
  - Generally involves policy and implementation rules
  - Policy and Guidance material available from FHWA Headquarters

Introduction

- Sources of training and information from FHWA
  - FHWA Resource Center
  - FHWA Headquarters
  - FHWA National Highway Institute (NHI)
- Sources of training and information outside of FHWA
  - FTA/National Transit Institute (NTI)
  - EPA
  - Other organizations, private venders

Introduction

- Logistical Information for FHWA training
  - Courses can be delivered on-site or on-line
  - Courses can generally be scheduled quickly (within a month from request)
  - Generally number of participants can be flexible
  - No cost for FHWA Resource Center and Headquarters training
  - There is a cost for NHI training; other restrictions may apply

Training Courses

- Training Courses (On-site, also called "instructor led" classroom training)
  - FHWA Resource Center provides a number of courses at a location desired by interested parties
  - Some courses are "standard"
  - Some courses are "tailored" to interested party's needs (also can be treated as technical assistance)
  - New courses are developed based on need

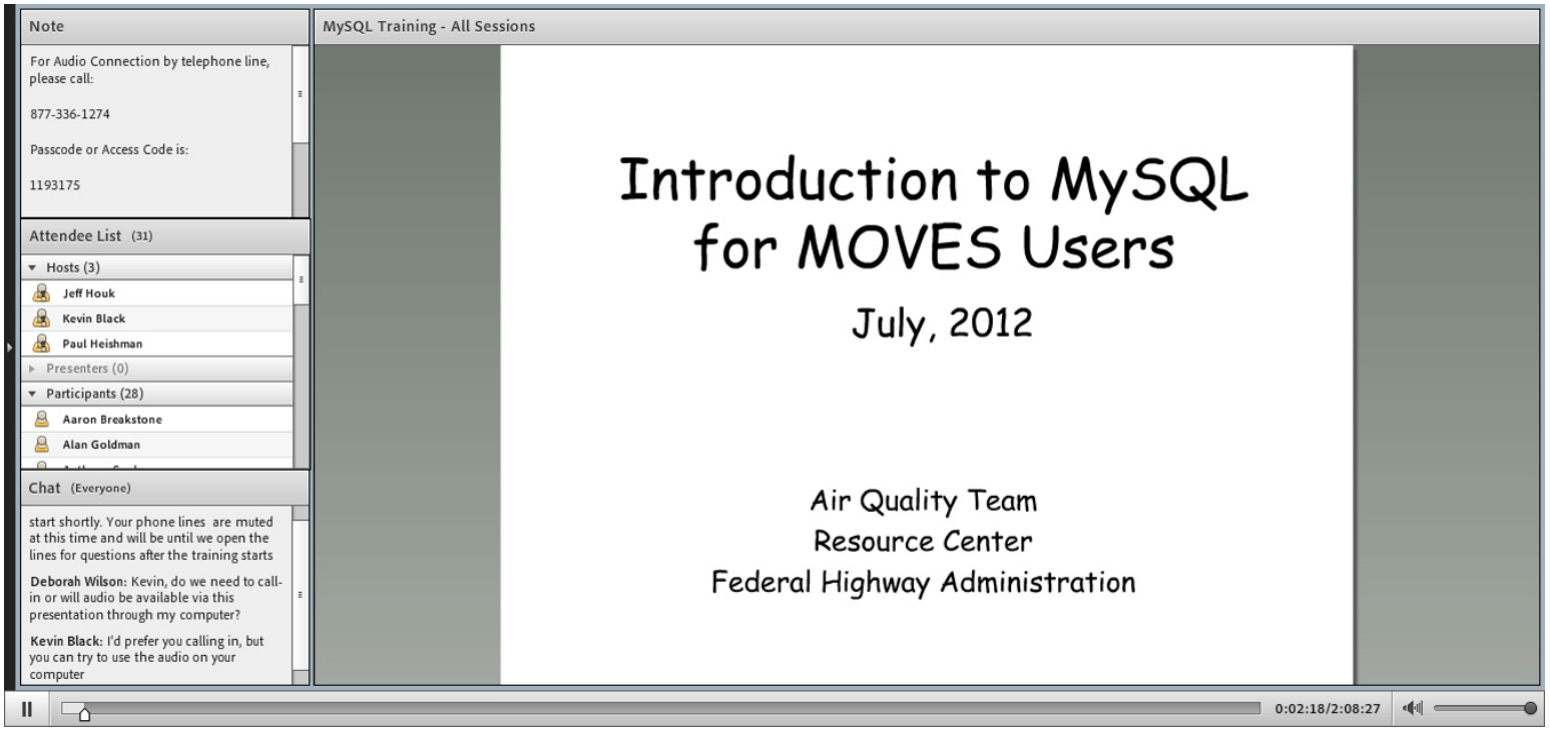
Training Courses

- Training Courses (On-site)
  - Courses currently available include:
    - MOVES2010b (currently in cooperation with EPA)
    - MySQL
    - Transportation Air Quality Fundamentals (AQ 101)
    - Air Quality Benefit Estimation Methods for TCM Projects (CMAQ Course)
    - Transportation Air Quality Dispersion Model Workshop
    - Project Level Mobile Source Air Toxics Workshop
    - Transportation Conformity
    - Others

Training Courses

- Training Courses (On-line, also called web conference training or WCT)
  - FHWA Resource Center also offers courses on-line if training budgets prohibit travel to training site
  - Participant can take course on-line to fit participants needs and schedule
  - May be real-time or recorded
  - Some courses currently under development
    - Demonstration of On-Line course

Demonstration
On-line Training Course



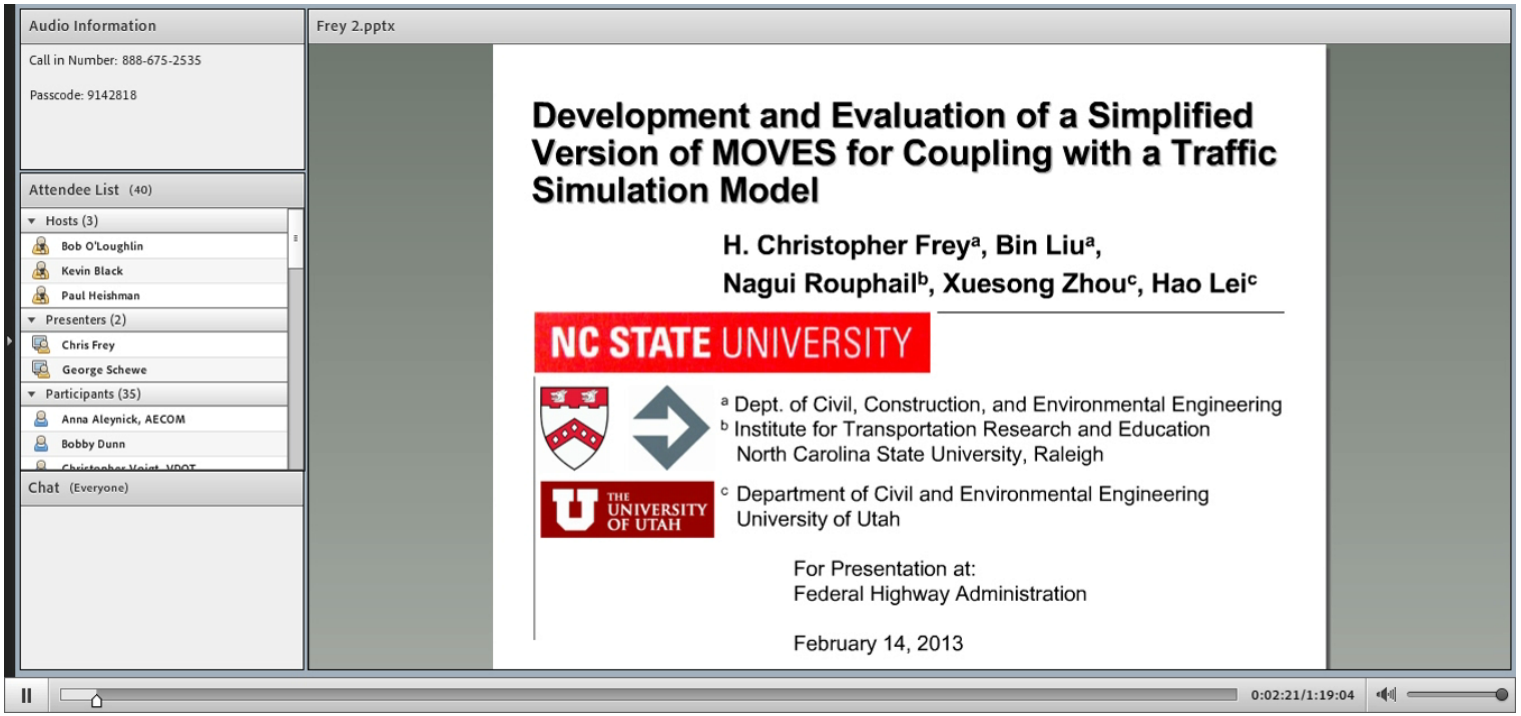
Technical Assistance

- FHWA can provides customized assistance and training
  - MOVES modeling issues for specific geographical areas (recently for New Jersey, Connecticut and North Carolina)
  - CMAQ project comparisons (Ohio)

Webinars and Web Conferences

- MOVES User Groups sponsored by FHWA
  - Held quarterly
  - Some may be recorded
  - See demonstration of recorded webinar
- Webinars by others (i.e. EPA)
  - http://www.epa.gov/otaq/models/moves/trainingsessions.htm

Demonstration
Moves User Group Meeting



Websites

- Training and information reference materials available from FHWA web pages
- FHWA Resource Center
  - http://www.fhwa.dot.gov/resourcecenter/teams/airquality
- FHWA Headquarters
  - http://www.fhwa.dot.gov/environment/air_quality
- FHWA NHI
  - http://www.nhi.fhwa.dot.gov

Websites

- Related Topic Areas within FHWA
  - Climate Change and Sustainability information
    - http://www.fhwa.dot.gov/environment/climate_change/
  - Travel demand and traffic simulation models
    - http://www.fhwa.dot.gov/resourcecenter/teams/planning/index.cfm
    - http://www.fhwa.dot.gov/resourcecenter/teams/operations/index.cfm

Websites

- Transportation Model Improvement Program (TMIP)
  - http://www.fhwa.dot.gov/planning/tmip/

Websites

- Related Topic Areas outside FHWA
  - Regional Air Quality Organizations such as MARAMA, NESCAUM, METRO 4-SESARM, CenSARA, LADCO, WRAP
  - Association of Metropolitan Planning Organizations (AMPO)
  - www.ampo.org
- Listserver Groups (i.e. tmiponline.org, epa-mobilenews)

Conferences

- Yearly conferences held discussing regional air quality issues related to transportation
  - Northern Transportation and Air Quality Summit
    - Held in Philadelphia in August 2012
  - Southern Transportation and Air Quality Summit
    - This year in Atlanta in August 2013

End Notes

- Note that the video demonstrations included in this PowerPoint presentation were “inserted” into the presentation, not “imbedded” into it. If you have a copy of these slides, the videos will not play unless you have a copy of the videos. Copies are available and can be requested but were omitted due to the size.

Questions ???

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