

## 2019 MARAMA Mobile Sources Training Workshop

March 19-20, 2019

Delta Hotel (by Marriott)  
Hunt Valley, Maryland 21031

### Workshop Objectives

This workshop will provide an opportunity to interact with and learn from MARAMA member agency staff as well as invited expert speakers. Participants will share experiences meeting challenges to understand and reduce mobile emissions.

### DRAFT Agenda

3.4.19

#### Tuesday, March 19, 2019

- 8:00 - 8:15 Welcome, Review Agenda, Introductions  
8:15 - 9:15 Keynote Presentation (*Dr. Chris Frey, North Carolina State University*)  
9:15 - 9:45 EPA Region 3 & 4 Update (*Brian Rehn, EPA Reg. 3 & Richard Wong, EPA Reg. 4*)  
9:45 – 10:00 FHWA Update on Training, Regulations & Policy (*Kevin Black, FHWA*)

10:00 – 10:20 **Break**

#### **Session 1 - Mobile Trends**

- 10:20 – 10:45 Highlights from 29<sup>th</sup> Coordinating Research Council (CRC) Real World Emissions Workshop (*Debbie Wilson, MARAMA*)  
10:45 – 11:15 Climate Change & Mobile Emissions Modeling – (*Colleen Turner, Maryland Department of Transportation (MDOT)*)

#### **Session 2 - Heavy-Duty Diesel**

- 11:15 - 11:45 Diesel Control - Technologies to Enable Tighter Heavy-Duty NOx Standard being Discussed by California and EPA (*Michael Geller, Manufacturers of Emission Controls Association (MECA)*)  
11:45 - 12:15 Clean Diesel - Large Engine NOx Mitigation Benefits/Joint Project with Environmental Defense Fund (EDF) (*Ezra Finkin, Diesel Tech Forum*)  
12:15 - 1:40 **Lunch and Lunch Presentation**  
North Carolina Department of Transportation Rail Initiatives (*Lynn Harris, McDowell Engineers*)

#### **Session 3 - Emission Reduction Programs/Congestion Mitigation and Air Quality (CMAQ)**

- 1:40 - 2:10 AQ & Congestion Pricing (*Ann Shikany, Natural Resources Defense Council (NRDC)*)  
2:10 – 2:40 CMAQ Performance Measures (*Rob d'Abadie, Michael Baker International*)  
2:40 – 3:10 **Panel Discussion: CMAQ**  
(*Valerie Gray, DNREC, Todd Pasley, NC DEQ, Sean Greene, Delaware Valley Regional Planning Commission (DVRPC), Colleen Turner, MDOT*)  
3:10 - 3:30 **Break**  
3:30 - 4:00 **Panel Discussion: General Emission Reduction Programs: I/M & Idle Reduction** (*Kelly Crawford, DOEE, Melissa Evanego, NJDEP, Brian Phillips, NC DEQ, Brian Rhen, EPA R3*)

#### **Session 4 - Electrification**

- 4:00 - 4:30 Diesel vs Electric in HD Trucks (*Allen Schaeffer, Diesel Tech Forum*)  
4:30 – 5:00 ZEV's & Air Quality (*Dustin Watson, Washington State Department of Ecology*)  
5:00 – 5:15 **Wrap up and Adjourn**

**Dinner is on your own.**

#### **Wednesday, March 20, 2019**

- 8:00 - 8:10 Welcome, Review Agenda

#### **Session 5 - Defeat Devices/Anti-tampering**

- 8:10 - 8:40 Defeat Devices in New Jersey (*Melissa Evanego, NJ DEP*)  
8:40 - 9:10 Anti-Tampering National Overview (*Jim Adamiec, EPA R3*)

#### **Session 6 - Near Road Data Analyses**

- 9:10 - 9:40 Maryland Analysis of Near-Road Data (*Russ Dickerson, University of Maryland*)  
9:40 - 10:10 Near Road Projects (*Alexandra Catena, DOEE*)  
10:10-10:30 **Break**  
10:30 - 11:00 National Traffic Dataset for Air Quality (*David Kall, Federal Highway Administration (FHWA)*)

#### **Session 7 – Non-Criteria Pollutant Mobile Emissions**

- 11:00 - 11:30 Highlights of the 9<sup>th</sup> CRC Mobile Source Air Toxics Workshop (*Joseph Jakuta, DOEE*)  
11:30 - 12:00 Status of Cap and Invest Mobile Program Proposed by Transportation Climate Initiative (TCI) (*James Bradbury, Georgetown Climate Center*)  
12:00 - 1:30 **Lunch and Lunch Presentation**  
Volkswagen Background Story, (*Dr. Arvind Thiruvengadam, West Virginia University*)

#### **Session 8 – Fuels**

- 1:30 – 2:00 Clean Fuels (*Alleyn Harned, Virginia Clean Cities*)  
2:00 – 2:30 FHWA's Alternate Fuels Corridor Program (*Diane Turchetta, FHWA*)  
2:30 – 3:00 Fuel Corridors Program (*Mark Hand, PA DEP Energy Program*)  
3:00 - 3:20 **Break**

#### **Session 9 – Volkswagen (VW) Settlement Update**

- 3:20 – 3:45 Presentation on VW Settlement (*Dylan Tucker, NASEO*)  
3:45 – 4:15 VW Electrify America Program (*Patricia Readinger, Electrify America, Reston, VA*)  
4:15 – 4:45 **Panel Discussion:** Regional VW Settlement Projects (*Deanna Morozowich, DNREC, Melissa Evanego, NJ DEP, Tim Shepherd, MDE, Justin Mabrey, MDE, Angela Conroy, VA DEQ, Brian Phillips, NC DEQ, Samantha Harmon, PA DEP, Dustin Watson, Washington State Dept. of Ecology*)  
4:45 – 5:00 **Wrap up & Summarize Lessons Learned**