

2014 EPA Regional/State/Local Modelers' Workshop
Utah Dept. of Environmental Quality Offices - Salt Lake City, Utah

Monday, (May 19, 2014)

1:00 - 1:10 PM	Introduction to Afternoon Training Session	George Bridgers, EPA-OAQPS
1:10 - 3:00 PM	Afternoon Training Session - Part 1 Interactive / Hands On AERMOD Training (APTI 423 - AERMET)	EPA AQMG OAQPS Staff
3:00 - 3:15 PM	Break	
3:15 - 5:10 PM	Afternoon Training Session - Part 2 Interactive / Hands On AERMOD Training (APTI 423 - AERMOD - Special Topics)	EPA AQMG OAQPS Staff
5:10 - 5:15 PM	Summary of Training Session and Closing Remarks	Tyler Fox, EPA-OAQPS
5:15 PM	Adjourn	

Tuesday, (May 20, 2014) Session Open to Industry / Consultants

8:30 - 8:35 AM	Welcome to Salt Lake City, Utah	State of Utah Representative
8:35 - 8:40 AM	Workshop / Conference Facility Logistics	State of Utah Representative
8:40 - 8:50 AM	Opening Remarks for the Workshop	Chet Wayland, EPA-OAQPS
8:50 - 9:10 AM	Status Update on the Appendix W Revisions: Roadmap of the Day	Tyler Fox, EPA-OAQPS
9:10 - 9:35 AM	AERMOD Modeling System Update: Current Regulatory Version	Roger Brode, EPA-OAQPS
9:35 - 10:00 AM	AERMOD Modeling System Update: Plans/Priorities for App W Updates	Roger Brode, EPA-OAQPS
10:00 - 10:15 AM	Break	
10:15 - 10:30 AM	AERSCREEN Update: Plans for App W Updates	James Thurman, EPA-OAQPS
10:30 - 10:40 AM	AERMOD Low Wind Speed Sensitivity Tests & Additional Tall Stack Evaluations	Bob Paine, AECOM for API
10:40 - 10:50 AM	Urban Characterization of Industrial Source Complexes for AERMOD Modeling	Bob Paine, AECOM for AISI
10:50 - 11:00 AM	A&WMA Atmospheric Modeling and Meteorology Committee - Comments on AERMOD Updates	Pete Catizone, TRC
11:00 - 11:20 AM	NO₂ Modeling: Current Status and Plans/Priorities for App W Updates	Chris Owen, EPA-OAQPS
11:20 - 11:30 AM	WRAP/BLM/EPA/Industry Drill Rig NO₂ Study	Cathe Kalisz, API
11:30 - 11:40 AM	SCICHEM (Near-field Limited Reaction Application)	Naresh Kumar, EPRI
11:40 - 11:50 AM	A Fresh Look at NO to NO₂: PVMRM, OLM, and ARM2 in Practice	Mark Garrison, ERM
11:50 - 1:00 PM	Lunch	
1:00 - 1:30 PM	AERMOD Question and Answer Session - Open Forum	All
1:30 - 1:45 PM	Use of Prognostic Data: Plans for App W Updates	James Thurman, EPA-OAQPS
1:45 - 2:00 PM	Addressing Single Source Impacts for Reactive Pollutants: Plans/Priorities for App W Updates	Tyler Fox, EPA-OAQPS
2:00 - 2:30 PM	Guidance for PM_{2.5} Permit Modeling	George Bridgers, EPA-OAQPS
2:30 - 2:45 PM	Policy Update for PM_{2.5}: SILs/SERs Rulemaking & Related Guidance	Chuck Buckler, EPA-OAQPS
2:45 - 3:00 PM	IWAQM LRT Update	Bret Anderson, FLM
3:00 - 3:15 PM	Break	
3:15 - 3:25 PM	Application of PM_{2.5} Permit Modeling Guidance	Ryan Gesser, ERM
3:25 - 3:35 PM	SCICHEM (Full Chemistry Application)	Naresh Kumar, EPRI
3:35 - 3:45 PM	Fugitive Coal Dust Emission Factors: Dependence on Moisture	Stephen Mueller, TVA for EPRI
3:45 - 3:55 PM	Understanding the Characteristics of Emissions Data used as Model Inputs	Ashok Jain, NCASI
3:55 - 4:15 PM	Chemistry in Appendix W Question and Answer Session - Open Forum	All
4:15 - 4:30 PM	Implementation Policy Updates	Chuck Buckler, EPA-OAQPS
4:30 - 4:50 PM	SO₂ Modeling for Designations and SIP Attainment Demos	James Thurman, EPA-OAQPS
4:50 - 5:00 PM	Innovative Dispersion Modeling Practices – Evaluation of EMVAP, AMR2, and Background Concentrations	Sergio Guerra, Wenck Associates
5:00 - 5:10 PM	Emissions Variability Processor (EMVAP)	Bob Paine, AECOM for EPRI
5:10 - 5:25 PM	Implementation - Open Forum	All
5:25 - 5:30 PM	Summary of Tuesday Session and Closing Remarks	Tyler Fox, EPA-OAQPS
5:40 PM	Adjourn	

Wednesday, (May 21, 2014)		
8:30 - 8:50 AM	Co-Regulators Session Kick-off - Open Forum	George Bridgers, EPA-OAQPS
8:50 - 9:10 AM	NSR / PSD Policy Update	Chuck Buckler, EPA-OAQPS
9:10 - 9:30 AM	FLM / NPS / USFS Update	FLM, NPS, USFS Representative
9:30 - 9:50 AM	BOEM Update	BOEM Representative
9:50 - 10:10 AM	OTAQ Update	OTAQ Representative
10:10 - 10:25 AM	Break	
10:25 - 10:55 AM	Overview of Appendix W Revisions, Milestones, and Schedule	Tyler Fox and George Bridgers, EPA-OAQPS
10:55 - 11:10 AM	Guidance & Clarification Memoranda - Significant Concentration Gradient	James Thurman, EPA-OAQPS
11:10 - 11:25 AM	Guidance & Clarification Memoranda - NO₂ Modeling Clarificaiton	Chris Owen, EPA-OAQPS
11:25 - 11:40 AM	AERMOD Implementation WorkGroup (AIWG) Updates	James Thurman, EPA-OAQPS
11:40 - 11:55 AM	AERMIC Updates	Roger Brode, EPA-OAQPS
11:55 - 1:00 PM	Lunch	
1:00 - 3:00 PM	Evaluating the Effect of Near Roadway Mitigation Measures	Ian MacMillan, South Coast AQMD
	Diurnal Correlation Analysis of Meteorological Observations to Determine the Influence of Terrain	Brad Ashton, IA DNR
	PM_{2.5} Interpollutant Trading Ratios in Georgia	Jim Boylan, GA DEP
	Evaluating Impacts of AERMET & AERMOD Options on Modeled Concentration	Leland Villalvazo, San Joaquin Valley APCD
	1-hour SO₂ Nonattainment / SIP Modeling	Jason Maranche, ACHD
	Treatment of Intermittent Emissions	Kevin Schilling, ID DEQ
3:00 - 3:15 PM	Break	
3:15 - 3:30 PM	State / Local Agency Issues	Jillian Baker, South Coast AQMD and Melissa Sheffer, MN PCA
3:30 - 4:00 PM	State / Local Agency Open Forum	All
4:00 - 5:00 PM	Regional Office Rundown	EPA-Regional Modelers Federal Partner Agency Reps.
5:00 PM	Adjourn	
Thursday, (May 22, 2014)		
8:30 - 9:00 AM	Multi-source Screening Level Analyses - Demonstration & Q/A	James Thurman, EPA-OAQPS
9:00 - 9:20 AM	AERPLOT - Update & Demonstration	Chris Owen, EPA-OAQPS
9:20 - 9:50 AM	1-hour NO ₂ & SO ₂ Modeling - Interactive Forum	EPA AQMG OAQPS Staff
9:50 - 10:20 AM	Annual and 24-hour PM _{2.5} Modeling - Interactive Forum	EPA AQMG OAQPS Staff
10:20 - 10:30 AM	Summary of RSL Workshop and Closing Remarks	Tyler Fox, EPA-OAQPS
10:30 AM	Adjourn	