

2012 EPA-Regional/State/Local Modelers' Workshop

Hilton Suites Magnificent Mile, Chicago, IL

Monday, (April 30, 2012) Dispersion Modeling Session		
10:30 - 10:45 AM	Welcome and Opening Remarks (Dispersion Modeling)	Bruce Sypniewski, EPA-Region 5 Chet Wayland, EPA-OAQPS
10:45 - 11:10 AM	Latest Regulatory & Implementation Developments	Chet Wayland, EPA-OAQPS
11:10 - 11:20 AM	Appendix W and Model Clearinghouse Status & Updates	George Bridgers, EPA-OAQPS
11:20 - 12:00 PM	NSR / PSD Policy Update	Dan Deroeck, EPA-OAQPS
12:00 - 1:15 PM	Lunch	
1:15 - 2:00 PM	AERMOD Modeling System Update	Roger Brode, EPA-OAQPS
2:00 - 2:30 PM	AERSURFACE Update	Roger Brode, EPA-OAQPS
2:30 - 2:45 PM	AERMINUTE Update	James Thurman, EPA-OAQPS
2:45 - 3:15 PM	Question and Answer Session - Open Forum	All
3:15 - 3:30 PM	Break	
3:30 - 4:30 PM	AERMOD Development Pans	Roger Brode, EPA-OAQPS
4:30 - 4:45 PM	CALPUFF Modeling System Update	Tyler Fox, EPA-OAQPS
4:45 - 5:30 PM	Question and Answer Session - Open Forum	All
5:30 PM	Adjourn	
Tuesday, (May 1, 2012) Dispersion Modeling Session (Continued)		
8:30 - 8:45 AM	Challenges of Modeling for New 1-hour NO_x & SO_x, NAAQS	George Bridgers, EPA-OAQPS
8:45 - 9:30 AM	AERMOD Evaluations for New 1-hour NO_x & SO_x, NAAQS	Roger Brode, EPA-OAQPS
9:30 - 10:00 AM	Discussion of March 1st Guidance for New 1-hour NO_x & SO_x, NAAQS	Roger Brode, EPA-OAQPS
10:00 - 10:15 AM	Break	
10:15 - 11:15 AM	AIWG Workgroup Report Out - 1-hour SO_x/NO_x Modeling	Erik Snyder, EPA-Region 6 James Thurman, EPA-OAQPS
11:15 - 11:45 AM	Question and Answer Session - Open Forum	All
11:45 - 1:00 PM	Lunch	
1:00 - 3:00 PM	State/Local Agency Issues: Overview	Gail Good, WI
	1-Hour NO_x Intermittent Source Survey Results	Gail Good, WI
	NO_x Modeling of Intermittent Sources	Kevin Schilling, ID DEQ
	Intermittent Emission Units (Focus on 1-hr NO_x, NAAQS)	Dennis Becker, MPCA
	Modeling for One-Hour vs Longer Averaging Periods - The Variables	Tom Orth, UT DAQ
	One-Hour Modeling - Argument for a Shorter Time Step (15 minutes Average Time Step Example)	Tom Orth, UT DAQ
	Using Maximum Wind Speed to Limit Off-Site Inventories for 1-Hour NAAQS Modeling	Jim Boylan, GA EPD
3:00 - 3:15 PM	Break	
3:15 - 5:30 PM	Regional Office / Federal Partner Agency Issues	EPA-Regional Modelers Federal Partner Agency Reps.
	OTAQ PM Hot-spot Guidance and Discussion	Chris Dresser, OTAQ
	Haul Road Workgroup - Final Report and Discussion	Randy Robinson, EPA-Region 5
	Model Visualization Tools / Techniques	Tim Leon-Guerrero, EPA-Region 3
5:30 PM	Adjourn	
Wednesday, (May 2, 2012) Combined Dispersion & Photochemical Modeling Session		
8:30 - 8:45 AM	10th Modeling Conference - Report Out	George Bridgers, EPA-OAQPS
8:45 - 9:30 AM	Draft PM₁₀ & Permit Modeling Guidance	George Bridgers, EPA-OAQPS
9:30 - 10:00 AM	Question and Answer Session - Open Forum	All

10:00 - 10:15 AM	Break	
10:15 - 11:00 AM	MMIF Prognostic Met Data Processing Tool Overview	Bret Anderson, USFS
11:00 - 11:45 AM	Overview of EPA's LRT and Chemistry Model Evaluation Efforts	Kirk Baker, EPA-OAQPS
11:45 - 1:00 PM	Lunch	
1:00 - 1:45 PM	Single-Source AQ/AQRV Demonstration Project	Bret Anderson, USFS
1:45 - 2:15 PM	Development of Interpollutant Trading Ratios	Jim Boylan, GA EPD
2:15 - 2:45 PM	Single Source Secondary PM_{2.5} Modeling	Margaret McCourtney MPCA
2:45 - 3:00 PM	Question and Answer Session - Open Forum	All
3:00 - 3:15 PM	Break	
3:15 - 3:45 PM	Plume Chemistry Evaluation	James Kelly, EPA-OAQPS
3:45 - 4:15 PM	Pittsburgh Modeling for the PM_{2.5} NAAQS	Jason Maranche, ACHD
4:15 - 4:45 PM	Photochemical model CMAQ 5.0 and CAMx 5.4 Overview	Kirk Baker, EPA-OAQPS
4:45 - 5:30 PM	Ozone/PM_{2.5} Modeling Guidance Overview and Q&A	Brian Timin, EPA-OAQPS
5:30 PM	Adjourn	
Thursday, (May 3, 2012) Photochemical Modeling Session		
8:30 - 9:15 AM	EPA Emissions Modeling Tools and 2007 Platform Development	Alexis Zubrow, EPA-OAQPS
9:15 - 10:00 AM	Emissions Modeling MARAMA/OTC	Julie McDill, MARAMA
10:00 - 10:15 AM	Break	
10:15 - 11:00 AM	ERTAC overview and LADCO Emissions modeling issues	Mark Janssen, LADCO
11:00 - 11:15 AM	Mobile NO_x Model Evaluation	Heather Simon, EPA-OAQPS
11:15 - 11:45 AM	Transport Rule/EPA National Rule Modeling Overview	Norm Possiel, EPA-OAQPS
11:45 - 1:00 PM	Lunch	
1:00 - 1:30 PM	Source Apportionment/DDM Techniques for Ozone and PM_{2.5}	Kirk Baker, EPA-OAQPS
1:30 - 2:00 PM	SEMAP modeling overview	Jim Boylan, GA EPD
2:00 - 2:30 PM	WestJump Activities	Tom Moore, WRAP
2:30 - 3:00 PM	PM_{2.5} Modeling in California	Ajith Kaduwela, CARB
3:00 - 3:15 PM	Break	
3:15 - 4:00 PM	LADCO Winter Nitrate Study	Charles Stanier, University of Iowa
4:00 - 4:30 PM	OTC Ozone Modeling	Michael Ku, NYSDEC
4:30 - 5:00 PM	Utah Winter PM_{2.5} Modeling and PCAPS Study	Lance Avey, Utah
5:00 PM	Adjourn	
Friday, (May 4, 2012) Photochemical Modeling Session (Continued)		
8:30 - 9:15 AM	Ozone/PM_{2.5} Attainment Test Updates/Model Attainment Test Software	Brian Timin, EPA-OAQPS
9:15 - 9:45 AM	Model Evaluation Recommendations	Heather Simon, EPA-OAQPS
9:45 - 10:15 AM	SIP Modeling for Fairbanks PM_{2.5} Nonattainment	Deanna Huff, Alaska DEC
10:15 - 10:30 AM	Break	
10:30 - 11:15 AM	Texas Modeling Update	Jim Smith/Doug Boyer, TCEQ
11:15 - 12:00 PM	Colorado Ozone SIP and Process Analysis Evaluation	Gail Tonneson, EPA-Region 8
12:00 - 12:15 PM	Summary of Thursday and Friday Presentations / Issues	EPA-OAQPS
12:15 PM	Adjourn	