

**11th Conference on Air Quality Modeling
EPA-Research Triangle Park, NC Campus
Final Agenda**

Audio Files and
Time Stamps

Wednesday, (August 12, 2015)

[Day1_AM1_Audio](#)

Presentations by EPA	8:30 - 8:40 AM	Conference Overview and Logistics	George Bridgers, OAQPS	0:00:04	
	8:40 - 8:50 AM	Welcome and Opening Remarks	Chet Wayland, OAQPS	0:07:56	
	8:50 - 9:05 AM	Current Status of Appendix W and Overview of Proposed Revisions to Appendix W	Tyler Fox, OAQPS	0:15:32	
	9:05 - 9:15 AM	AERMOD v15181 Regulatory Update	Roger Brode, OAQPS	0:36:00	
	9:15 - 9:30 AM	Proposed Updates to the AERMOD Modeling System	Roger Brode, OAQPS	0:42:38	
	9:30 - 9:40 AM	Proposed Updates to the AERMOD Modeling System - AERSCREEN	James Thurman, OAQPS	1:00:57	
	9:40 - 9:55 AM	Proposed Updates to the AERMOD Modeling System - Proposed NO_x Tier2 and Tier 3 Revisions	Chris Owen, OAQPS	1:06:10	
	9:55 - 10:10 AM	Modeling of Mobile Sources	Chris Owen, OAQPS	1:13:00	
	10:10- 10:30 AM	Break			Day1_AM2_Audio
10:30 - 10:45 AM	Meteorological Data for Dispersion Models	James Thurman and Chris Misenis, OAQPS	0:00:45		
10:45 - 11:00 AM	Long Range Transport for NAAQS and Increment Assessments	Tyler Fox, Kirk Baker, and Chris Owen, OAQPS	0:11:18		
11:00 - 11:30 AM	Treatment of PM_{2.5} and Ozone in PSD Compliance Demonstrations	Kirk Baker and James Kelly, OAQPS	0:31:50		
11:30 - 11:40 AM	Status and Role of the Model Clearinghouse	George Bridgers, OAQPS	0:53:27		
11:40 - 11:55 AM	Single-Source and Cumulative Impact Analyses	George Bridgers and Tyler Fox, OAQPS	1:04:00		
11:55 AM - 1:20 PM	Lunch (On Your Own, Onsite Cafeteria is Available)			Day1_PM1_Audio	
Public Presentations & Comments	1:20 - 1:30 PM	Introduction to and Opening of the Public Hearing (Day 1)	George Bridgers, OAQPS	0:01:22	
	1:30 - 1:45 PM	Source Characterization Issues for Near-Field (AERMOD) Modeling	Bob Paine, AECOM for AISI	0:04:04	
	1:45 - 2:00 PM	AERMOD Low Wind Evaluation Results for Tall Stack Databases	Bob Paine, AECOM for EPRI	0:19:55	
	2:00 - 2:15 PM	AERMOD Treatment of Buoyant Stack Releases in Convective, Low-Mixing Height Conditions	Bob Paine, AECOM for Lignite Energy Council	0:34:30	
	2:15 - 2:30 PM	Perspectives and Experience with ARM and ARM2	Rich Hamel, ERM	0:46:52	
	2:30 - 2:45 PM	Evaluation of AERMOD with Alternate NO_x Chemistry Scheme	Cathe Kalisz, API	1:05:30	
	2:45 - 3:00 PM	Optimized use of MMIF for AERMOD in complex terrain	Bart Brashers, Ramboll Environ	1:17:28	
	3:00 - 3:15 PM	Recent Experiences with MMIF/WRF for Creating AERMOD Inputs	Tom Wickstrom, ERM	1:36:37	
	3:15 - 3:35 PM	Break			Day1_PM2_Audio
	3:35 - 3:50 PM	Introduction to the AWMA APM Comments and General Items	David Long, AEP	0:00:56	
	3:50 - 4:05 PM	AWMA APM Comments on AERMOD Related Issues	Mark Garrison, ERM	0:14:00	
	4:05 - 4:20 PM	AWMA APM Comments on Single Source Modeling and Long Range Transport Modeling	Gale Hoffnagle, TRC	0:29:31	
	4:20 - 4:35 PM	Exponent's Comments on CALPUFF and AERMOD Modeling Guidance	Christopher DesAutels, Exponent	0:42:24	
	4:35 - 4:50 PM	Perspectives on CALPUFF, Roughness, and 30 Miles	Mark Garrison, ERM	0:57:13	
	4:50 - 5:05 PM	An Overview of the SCIPUFF Dispersion Model	Biswanath Chowdhury, Sage-Management	1:12:32	
	5:05 - 5:20 PM	SCICHEM for Regulatory Modeling	Eladio Knipping, EPRI	1:27:49	
5:20 - 5:25 PM	Preliminary Comments on Proposed Changes to Appendix W	Rob Kaufmann, Koch Companies for NAAQS Implementation Coalition	1:40:47		
5:25 PM	Adjourn for Day				

Thursday, (August 13, 2015)			Day2_AM1_Audio	
Public Presentations & Comments <i>(Continued)</i>	8:30 - 8:35 AM	Opening of the Public Hearing (Day 2)	George Bridgers, OAQPS	0:00:26
	8:35 - 8:50 AM	Virtual Facilities NAAQS Study	Beth Barfield, ERM for NAAQS Implementation Coalition	0:03:30
	8:50 - 9:05 AM	Outstanding Issues for Modeling Low-Level Emission Sources	David Heinold, AECOM for AF&PA	0:14:30
	9:05 - 9:20 AM	Impacts of Measurement Uncertainty and Emissions Variability on Modeled Impacts	Zach Emerson and Ashok Jain, NCASI for AF&PA	0:29:10
	9:20 - 9:35 AM	Use of EMVAP for Determining Permitted Emission Rates for Highly Variable Sources Related to: Appendix W 8.2	Carlos Szembek, ERM and Bob Paine, AECOM	0:41:35
	9:35 - 9:50 AM	Building Downwash: Problems, Solutions and Next Generation	Ron Petersen, CPP, Inc.	0:57:11
	9:50 - 10:05 AM	Background Concentrations and the Need for a New System to Update AERMOD	Sergio Guerra, CPP, Inc.	1:13:15
	10:05 - 10:25 AM	Break		Day2_AM2_Audio
	10:25 - 10:40 AM	The Use of CAMD Data in Air Quality Modeling	David Long, AEP	0:00:54
	10:40 - 10:55 AM	Initial Feedback on Proposed Revisions to Appendix W	Chris Rabideau, Chevron for API	0:16:32
	10:55 - 11:10 AM	Procedural Concerns Related To EPA's Regulations and Guidance on Air Quality Modeling	Cindy Langworthy, Hunton & Williams for UARG	0:28:55
	11:10 - 11:25 AM	Comments on AERSCREEN	George Schewe, Trinity Consultants	0:43:49
	11:25 - 11:40 AM	Preliminary Comments on Ozone	Jeff Bennett, Barr Engineering	0:57:58
11:40 AM - 1:00 PM	Lunch (On Your Own, Onsite Cafeteria is Available)		Day2_PM1_Audio	
1:00 - 1:05 PM	Invitation to Provide Oral Comments for Individuals That Did Not Reserve Time to Speak in Advance	George Bridgers, OAQPS	0:02:51	
1:05 - 3:00 PM	Public Hearing for the Proposed Rulemaking	<i>Individuals that did not reserve time to speak in advance.</i>	0:05:25	
3:00- 3:20 PM	Break (if needed)			
3:20 - 5:00 PM	Public Hearing for the Proposed Rulemaking (if needed)	<i>Individuals that did not reserve time to speak in advance.</i>		
5:00 PM	End of 11th Modeling Conference and Public Hearing			