

2024 EPA Regional/State/Local Dispersion Modelers' Workshop

FINAL AGENDA

Tuesday (July 30, 2024)

Session Open to Industry / Consultants

8:30 AM (MDT)	Stakeholder Day Kick-Off	George Bridgers, EPA-OAQPS
8:35 - 8:40 AM	Welcome to Denver	Michael Ogletree, Director, Air Pollution Control Division (APCD), CDPHE
8:40 - 8:45 AM	Opening Remarks for the 2024 EPA RSL Dispersion Modelers' Workshop	George Bridgers & Tyler Fox, EPA-OAQPS
8:45 - 9:00 AM	Status of 2024 Revised Guideline on Air Quality Models (Appendix W)	George Bridgers, EPA-OAQPS
9:00 - 10:15 AM	AERMOD Modeling System Development Priorities	Model Development Team (MDT), EPA-OAQPS
	AERMOD (v24142) Development Status and Bugs/Errata	Clint Tillerson, EPA-OAQPS
	Model Development Collaborations and Overall Priorities	Clint Tillerson, EPA-OAQPS
	Alpha/Beta Paradigm and Alpha-to-Beta Roadmap	Matthew Porter, EPA-OAQPS
	Q&A on Alpha/Beta Roadmap	
10:15 - 10:30 AM	Morning Break	
10:30 - 11:45 AM	AERMOD Modeling System Development Priorities (Cont.)	Model Development Team (MDT), EPA-OAQPS
	BOEM IAA – Overwater Development	Michelle Snyder, WSP
	Building Downwash	Clint Tillerson, EPA-OAQPS
	AERSURFACE	Alyssa Piliero, EPA-OAQPS
	Aircraft Plume Rise	Matthew Porter, EPA-OAQPS
	FHWA IAA – Mobile Source Modeling Refinements	James Thurman, EPA-OAQPS
11:45 - 1:15 PM	Lunch	
1:15 - 1:25 AM	EPA's Model Clearinghouse - Annual Status Report	George Bridgers, EPA-OAQPS
1:25 - 1:45 PM	Guidance on Developing Background Concentrations for Use in Modeling Demonstrations	Alyssa Piliero, EPA-OAQPS
1:45 - 3:00 PM	Industrial Partners Collaborative Research Efforts Kick-off	George Bridgers, EPA-OAQPS
	Building Downwash: BPIP and PRIME Formulation Problems and Solutions	Ron Petersen, Petersen Research and Consulting, LLC
	API-AECOM Model Development Initiatives	Christopher Warren, AECOM
	PVMRM Formulation Problems and Proposed Fixes	Ron Petersen, Petersen Research and Consulting, LLC
	Updates on the CALPUFF Modeling System	Michael Hammer, Lakes Environmental
3:00 - 3:10 PM	Afternoon Break	
3:10 - 3:15 PM	PM NAAQS Implementation & Compliance Demonstration Collaboration Kick-Off	George Bridgers, EPA-OAQPS
3:15 - 3:35 PM	Supplement to the Guidance on Significant Impact Levels for Ozone and Fine Particles in the Prevention of Significant Deterioration Permitting Program	Alyssa Piliero, EPA-OAQPS George Bridgers, EPA-OAQPS
3:35 - 3:55 PM	Summary of Industrial Partner PM NAAQS Issues and Concerns	Ryan Gesser, Georgia-Pacific
3:55 - 4:10 PM	PM NAAQS Implementation Q & A / Open Discussion Session	All
4:10 - 4:15 PM	Summary of Day 1 and Final Thoughts	George Bridgers, EPA-OAQPS
4:15 PM	Adjourn	

Wednesday (July 31, 2024)

Co-regulating and Fed Partner Agencies

8:00 AM (MDT)	2024 Gathering and Networking Session (In-person)	
8:30 - 8:35 AM	Co-regulatory Workshop Kick-Off (In-person & Virtual)	George Bridgers, EPA-OAQPS
8:35 - 8:50 AM	Transitions <i>(Recognition of Prominent Retirements, Hires, and Losses Over the Past Year)</i>	George Bridgers, EPA-OAQPS
8:50 - 9:00 AM	Short Recap of Stakeholder Day and Open Discussion	All
9:00 - 9:50 AM	EPA Policy Division Update	EPA-OAQPS
9:50 - 10:05 AM	2020 AirToxScreen	James Thurman, EPA-OAQPS
10:05 - 10:15 AM	1-hour SO₂ SIP Implementation Modeling Update	Clint Tillerson, EPA-OAQPS
10:15 - 10:30 AM	Morning Break	
10:30 - 11:00 AM	1-hour NO₂ Multi-source Cumulative Impact Assessment Study	Matthew Porter, EPA-OAQPS
11:00 - 11:45 AM	State / Local / Tribal (SLT) Agency Issues: Overview	Sarah Ray, GAEPD Sam Sampieri, CTDEEP
	Interactive AERMET Output QC'ing Tool	Ranil Dhammapala, SCAQMD
	Analyses conducted to support Prioritization of Air Toxics in Colorado	Vinay Kumar, CDPHE
11:50 - 1:20 PM	Lunch	
1:20 - 2:30 PM	State / Local / Tribal (SLT) Agency Issues:	
	An investigation of high concentration outputs in AERMOD in complex terrain	Ryan Gallagher, GAEPD
	Novel Approach to Air Quality Alert Day Messaging in MN	Matt Taraldsen - MPCA
	Applying Monitoring in a Modeling World <i>"When the Modeling gets Tough, the Tough get Monitoring"</i>	Leigh Bacon, ADEM
2:30 - 2:35 PM	Introduction to Panel and Roundtable Exchanges	Sam Sampieri, CTDEEP Sarah Ray, GAEPD
2:35 - 2:50 PM	A Method for Removing Smoke Events from Background Concentration Data	Brad Ashton, Iowa DNR
2:50 - 3:05 PM	Afternoon Break	
3:05 - 4:15 PM	State/Local Panel Discussion on Development of Background Concentrations for Modeling	
	State of Georgia	Byeong Kim-GAEPD
	State of Indiana	Mark Derf-IDEM
	State of Minnesota <i>(Talking Points Only)</i>	Matt Taraldsen-MPCA
	State of Alabama <i>(Talking Points Only)</i>	Leigh Bacon-ADEM
	State of Colorado	Miriam Hacker, CDPHE
4:15 - 4:30 PM	EPA Regional Office Rundown (Regions 8 - 8)	EPA Regional Modelers
	EPA Region 8	
4:30 PM	Adjourn	

Thursday (August 1, 2024)

Co-regulating and Fed Partner Agencies

8:00 AM (MDT)	Co-Regulators Session - Day 2 Kick-off	George Bridgers, EPA-OAQPS
8:05 - 8:20 AM	EPA's Modeling Platform Update - Modeling Status and Data Availability	Chris Misenis, EPA-OAQPS
8:20 - 8:40 AM	BOEM Update	BOEM Representatives
8:40 - 8:85 AM	FLM / NPS / USFS Update	FLM, NPS, USFS Representative
8:55 - 10:05 AM	EPA Regional Office Rundown (Regions 9 - 10 and 1 - 2)	EPA Regional Modelers
	EPA Region 9	
	EPA Region 10	
	EPA Region 1	
	EPA Region 2	
10:05 - 10:20 AM	Morning Break	
10:20 - 11:45 AM	EPA Regional Office Rundown (Regions 3 - 7)	EPA Regional Modelers
	EPA Region 3	
	EPA Region 4	
	EPA Region 5	
	EPA Region 6	
	EPA Region 7	
11:45 - 11:55 AM	EPA Regional Modeling Workgroup - Report Outs	EPA Regional Workgroup Representatives
	NO ₂ Modeling Workgroup	
	Overwater / OCS Modeling Workgroup	
11:55 - 12:00 PM	Summary of Workshop, Priorities Going Forward, and Closing Remarks	George Bridgers, EPA-OAQPS
12:00 PM	Adjourn	