

2024 EPA Regional/State/Local Dispersion Modelers' Workshop

DRAFT 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 <i>Guideline on Air Quality Models</i> (Appendix W)	George Bridgers, EPA-OAQPS
9:00 - 10:00 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	
10:00 - 10:15 AM	Morning Break	
10:15 - 11:15 AM	AERMOD Modeling System Development Priorities (Cont.)	Model Development Team (MDT), EPA-OAQPS
	BOEM IAA – Overwater Development	Michelle Snyder, WPS
	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
11:15 - 11:30 AM	EPA's Modeling Platform Update - Modeling Status and Data Availability	Chris Misenis, EPA-OAQPS
11:30 - 11:45 AM	EPA's Model Clearinghouse - Annual Status Report	George Bridgers, EPA-OAQPS
11:45 - 1:15 PM	Lunch	
1:15 - 1:35 PM	Guidance on Developing Background Concentrations for Use in Modeling Demonstrations	Alyssa Piliero, EPA-OAQPS
1:35 - 2:50 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
	PVMMR Formulation Problems and Proposed Fixes	Ron Petersen, Petersen Research and Consulting, LLC
	Updates on the CALPUFF Modeling System	Michael Hammer, Lakes Environmental
2:50 - 3:05 PM	Afternoon Break	
3:05 - 3:10 PM	PM NAAQS Implementation & Compliance Demonstration Collaboration Kick-Off	George Bridgers, EPA-OAQPS
3:10 - 3:40 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
3:40 - 4:00 PM	Summary of Industrial Partner PM NAAQS Issues and Concerns	Ryan Gesser, Georgia-Pacific
4:00 - 4:20 PM	PM NAAQS Implementation Q & A / Open Discussion Session	All
4:20 - 4:30 PM	Summary of Day 1 and Final Thoughts	Tyler Fox, EPA-OAQPS
4:30 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 (Recognition of Prominent Retirements, Hires, and Losses Over the Past Year)	George Bridgers, EPA-OAQPS
8:50 - 9:00 AM	Short Recap of Stakeholder Day and Open Discussion	All
9:00 - 9:20 AM	EPA Policy Division Update	EPA-OAQPS
9:20 - 9:35 AM	2020 AirToxScreen	James Thurman, EPA-OAQPS
9:35 - 9:55 AM	1-hour NO ₂ Multi-source Cumulative Impact Assessment Study	Matthew Porter, EPA-OAQPS
9:55 - 10:15 AM	1-hour SO ₂ SIP Implementation Modeling Update	Clint Tillerson, EPA-OAQPS
10:15 - 10:30 AM	Morning Break	
10:30 - 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
	An investigation of high concentration outputs in AERMOD in complex terrain	Ryan Gallagher, GAEPD
	Applying Monitoring in a Modeling World "When the Modeling gets Tough, the Tough get Monitoring"	Leigh Bacon, ADEM
	Novel Approach to Air Quality Alert Day Messaging in MN	Matt Taraldsen - MPCA
11:45 - 1:15 PM	Lunch	
1:15 - 1:20 PM	Introduction to Panel and Roundtable Exchanges	Sam Sampieri, CTDEEP Sarah Ray, GAEPD
1:20 - 1:35 PM	A Method for Removing Smoke Events from Background Concentration Data	Brad Ashton, Iowa DNR
1:35 - 2:45 PM	State/Local Panel Discussion on Development of Background Concentrations for Modeling	Leigh Bacon-ADEM, Byeong Kim-GAEPD, Mark Derf-IDEM, Matt Taraldsen-MPCA, Miriam Hacker, CDPHE
2:45 - 3:15 PM	Co-regulatory Roundtable Exchange	Moderators: Sarah Ray, GAEPD Sam Sampieri, CTDEEP
3:15 - 3:35 PM	Networking / Afternoon Break	
3:35 - 4:30 PM	EPA Regional Office Rundown (Regions 8 - 10)	EPA Regional Modelers
	EPA Region 8	
	EPA Region 9	
	EPA Region 10	
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	FLM / NPS / USFS Update	FLM, NPS, USFS Representative
8:20 - 8:35 AM	BOEM Update	BOEM Representatives
8:35 - 10:05 AM	EPA Regional Office Rundown (Regions 1 - 7)	EPA Regional Modelers
	EPA Region 1	
	EPA Region 2	
	EPA Region 3	
	EPA Region 4	
	EPA Region 5	
10:05 - 10:20 AM	Morning Break	
10:20 - 10:55 AM	EPA Regional Office Rundown (Regions 1 - 7)	EPA Regional Modelers
	EPA Region 6	
	EPA Region 7	
10:55 - 11:25 AM	EPA Regional Modeling Workgroup - Report Outs	EPA Regional Workgroup Representatives
	NO ₂ Modeling Workgroup	
	Overwater / OCS Modeling Workgroup	
	Characterization of Blasting Emissions Workgroup	
11:25 - 11:30 AM	Summary of Workshop, Priorities Going Forward, and Closing Remarks	George Bridgers, EPA-OAQPS
11:30 AM	Adjourn	