2025 EPA Regional/State/Local Dispersion Modelers' Workshop

FINAL AGENDA

Tuesday *(July 8, 2025)*	**Session Open to Industry / Consultants**	
1:00 PM (CDT)	Stakeholder and Co-regulatory Workshop - Day 1 Kick-Off (In-person & Virtual)	George Bridgers, EPA-OAQPS
1:05 - 1:10 PM	Welcome to Nashville	Michelle Walker Owenby, TN Air Pollution Control Director
1:10 - 1:15 PM	Opening Remarks for the 2025 EPA RSL Dispersion Modelers' Workshop	Tyler Fox, EPA-OAQPS
1:15 - 1:30 PM	2024 Revised *Guideline on Air Quality Models* (Appendix W)	George Bridgers, EPA-OAQPS
1:30 - 2:45 PM	AERMOD Modeling System Formulation Development Priorities	Model Development Team (MDT), EPA-OAQPS
	AERMOD (v26XXX) Development Status	Clint Tillerson, EPA-OAQPS
	Model Development Collaborations and Overall Priorities	Clint Tillerson, EPA-OAQPS
	Bugs/Errata (Non-buoyant plumes, AERMET, OZONEVAL, GRSM)	James Thurman/Matthew Porter, EPA-OAQPS
	BOEM IAA – Overwater Development	Michelle Snyder, WSP
2:45 - 3:05 PM	**Afternoon Break**	
3:05 - 3:50 PM	AERMOD Modeling System Formulation Development Priorities (Cont.)	Model Development Team (MDT), EPA-OAQPS
	AERSURFACE	Clint Tillerson, EPA-OAQPS
	Mobile Source Modeling - Solid Barriers	James Thurman, EPA-OAQPS
	Airport Field Study	Matthew Porter, EPA-OAQPS
	AERMOD Code Overhaul Project	James Thurman, EPA-OAQPS
3:50 - 4:00 PM	EPA's Modeling Platform Update - Modeling Status and Data Availability	Chris Misenis, EPA-OAQPS
4:00 - 4:10 PM	EPA's Model Clearinghouse - Annual Status Report	George Bridgers, EPA-OAQPS
4:10 - 4:15 PM	Workshop Day 1 Wrap-up	George Bridgers, EPA-OAQPS
4:15 PM	**Adjourn**	

Wednesday *(July 9, 2025)*	**Co-regulating and Fed Partner Agencies**	
8:00 AM (CDT)	**2025 Gathering and Networking Session *(In-person)***	
8:30 - 8:35 AM	Co-regulatory Only Workshop - Day 2 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 - 9:05 AM	EPA Policy Division Update	Christina Feng Chang, EPA-OAQPS
9:05 - 9:20 AM	AERMOD Source Grouping	James Thurman, EPA-OAQPS
9:20 - 9:40 AM	AERMOD NO_2 Options and Contribution Analyses	Matthew Porter, EPA-OAQPS
9:40 - 10:00 AM	AERMOD Modeling System Q & A / Open Discussion Session	All
10:00 - 10:20 AM	**Morning Break**	
10:20 - 10:25 AM	Introduction to Panel Discussions / Engagements	Sam Sampieri, CTDEEP Sarah Ray, GAEPD
10:25 - 11:00 AM	State/Local Focused Presentations / Discussion - Development of Background Concentrations	
	EPA Background Concentration Workgroup	George Bridgers/Melissa Sheffer, US EPA
	New Approach To Develop Annual $PM_{2.5}$ Background Concentrations	Byeong-Uk Kim, GA DNR
	Open Discussion on Development of Background Concentrations	All
11:00 - 11:30 AM	State/Local Focused Presentations / Discussion - Model Evaluation	
	Modeling vs Monitoring	Scott Southwick, ADEM
	Comparison of ASOS and WRF based Meteorology with AERMOD Modeling	Dan Riley, VT DEC
11:30 - 1:30 PM	**Lunch** *(EPA Only Discussion from 11:30 to 12:30)*	

Wednesday *(July 9, 2025)*	**Co-regulating and Fed Partner Agencies**	
1:30 - 3:00 PM	State/Local Focused Presentations / Discussion - Meteorological Input Data	
	AERMET Upper Air Data Substitution (Prognostic & Nearby Sounding Data)	James Thurman, EPA-OAQPS
	Alternative Upper Air Data in Colorado for use in AERMOD	Jennifer Turk, CO APCD
	How to Prepare ONSITE Meteorological Inputs	Ryan Gallagher, GA DNR
	Monthly Snow Cover Analysis for Use in AERSURFACE	Sarah-Ellen Calise, NH DES
	Open Discussion on Meteorological Data Used in AQ Modeling	All
3:00 - 3:20 PM	**Afternoon Break**	
3:20 - 4:10 PM	State/Local Focused Presentations / Discussion - Open / Suggested Topics	
	Discussion on Artifical Intelligence (AI) and Compliance Demonstration Modelin	All
	Assessment of Intermittent / Infrequent Emissions	All
	Source Characterization Challenges	All
	AERMOD Modeling System Source Grouping - Additional Discussion	All
4:10 - 4:15 PM	Workshop Day 2 Wrap-up	George Bridgers, EPA-OAQPS
4:15 PM	**Adjourn**	

Thursday *(July 10, 2025)*	**Co-regulating and Fed Partner Agencies**	
8:00 AM (CDT)	Co-regulatory Only Workshop - Day 3 Kick-Off (In-person & Virtual)	George Bridgers, EPA-OAQPS
8:05 - 8:20 AM	BOEM Update	BOEM Representatives
8:20 - 8:30 AM	FLM / NPS / USFS Update	FLM, NPS, USFS Representative
8:30 - 9:45 AM	EPA Regional Office Rundown (Regions 4 - 8)	EPA Regional Modelers
	EPA Region 4	
	EPA Region 5	
	EPA Region 6	
	EPA Region 7	
	EPA Region 8	
9:45 - 10:00 AM	**Morning Break**	
10:00 - 11:15 AM	EPA Regional Office Rundown (Regions 9 - 10 and 1 - 3)	EPA Regional Modelers
	EPA Region 9	
	EPA Region 10	
	EPA Region 1	
	EPA Region 2	
	EPA Region 3	
11:15 - 11:30 AM	Summary of Workshop, Priorities Going Forward, and Closing Remarks	George Bridgers, EPA-OAQPS
11:30 AM	**Adjourn**	