

2019 EPA Regional/State/Local Modelers' Workshop
EPA Region 10 Headquarters, Seattle, WA
FINAL AGENDA

Tuesday (May 7, 2019)

8:30 - 8:35 AM	Workshop / Conference Facility Logistics	George Bridgers, EPA-OAQPS Jay McApline, EPA-Region 10
8:35 - 8:45 AM	Opening Remarks for the Workshop	Dave Bray, Assoc. Director Div of Air and Radiation, EPA-R10
8:45 - 9:10 AM	AERMOD Modeling System Development Activities	Chris Owen, EPA-OAQPS
9:10 - 9:30 AM	Updates to the AERMET preprocessor	James Thurman, EPA-OAQPS
9:30 - 9:50 AM	Updates to the AERSURFACE preprocessor	Clint Tillerson, EPA-OAQPS
9:50 - 10:10 AM	AERMOD Development Plans - Q & A Session	All
10:10 - 10:30 AM	Break	
10:30 - 10:35 AM	AQ Modeling Guidance Status Updates <i>(O₃ & PM_{2.5} Permit Modeling Guidance, MERPs Guidance, etc.)</i>	George Bridgers, EPA-OAQPS
10:35 - 10:50 AM	MERPs Final Guidance	Kirk Baker, EPA-OAQPS
10:50 - 11:00 AM	Ozone and PM_{2.5} Permit Modeling Guidance	George Bridgers, EPA-OAQPS
11:00 - 11:20 AM	Prognostic Meteorological Data	James Thurman, EPA-OAQPS
11:20 - 11:40 AM	EPA's Model Clearinghouse - Annual Status Update	George Bridgers, EPA-OAQPS
11:40 AM - Noon	NSR / PSD Policy Update	Chuck Buckler, EPA-OAQPS
Noon - 1:30 PM	Lunch	
1:30 - 1:35 PM	Breakout Session Overview / Instructions	George Bridgers, EPA-OAQPS
1:35 - 2:30 PM	State / Local Agency Breakout Session #1 * Other State/Local Modeling (Deposition, Toxics, Minor Sources, etc...) * AERMOD Model Development (PRIME/Downwash, RLINE testing, etc...)	All
2:30 - 2:40 PM	Short Break / Switch Over	
2:40 - 3:35 PM	State / Local Agency Breakout Session #2 * Policy (Ambient Air, SILs, Startup/Shutdown, Intermittent Emissions, Net Emissions, etc...)	All
3:35 - 3:45 PM	Short Break / Switch Over	
3:45 - 4:40 PM	State / Local Agency Breakout Session #3 * Nearby Sources (Table 8-1/2, Significant Concentration Gradients, Downwash for Nearby Sources, etc...)	All
4:40 - 5:00 PM	State / Local Agency Breakout Session - Open Forum Discussion	All
5:00 PM	Adjourn	

Wednesday (May 8, 2019)		
8:30 - 9:30 AM	Training Session #1 - Prognostic Meteorology <i>(Acquiring, evaluating, and preparing prognostic meteorological data for use in dispersion models)</i>	Chris Misenis, EPA-OAQPS
9:30 - 10:15 AM	Training Session #2 - AERSURFACE <i>(This session will look at the changes in the land cover classifications since the 1992 NLCD, the challenges these changes present in assigning surface characteristic values, and features in the new draft version of AERSURFACE to address these challenges.)</i>	Clint Tillerson, EPA-OAQPS
10:15 - 10:30 AM	Break	
10:30 - 11:15 AM	Training Session #3 - Secondary PM_{2.5} MERPs Demonstrations <i>(A step by step demonstration of how to apply Tier 1 MERPs to assess secondary PM_{2.5} impacts in PSD permits, including a refined analysis to address long-range transport into Class I areas)</i>	Michael Moller, EPA Region 4
11:15 - 11:45 AM	Training Session #4 - MCH Lean Implementation <i>(From the Big Call to SOPs & checklist, this training session will present the steps that the Agency is implementing to fulfill the MCH Lean project and the draft material that will be added to the MCH Operational Plan for the co-regulating agencies to follow.)</i>	George Bridgers, EPA-OAQPS Rebecca Matichuk, EPA Region 8 Dave Healy, NH DES
11:45 AM - 1:15 PM	Lunch	
1:15 - 3:00 PM	State / Local Agency Issues: Overview	Marie Bernardo, CO APCD, Daniel Dix, MN PCA, & Yann Ling-Barnes, Washoe County
	WRF-MMIF Model Performance Evaluation - State Perspective	Ranil Dhammapala, WA ECY
	WRF-MMIF Model Performance Evaluation - RO Perspective	Jay McAlpine, EPA Region 10
	Alternative Modeling Demo: BLP/AERMOD Hybrid Approach Example of CPM/MCM for Model Performance	Jason Maranche, Allegheny County
	Ozone Modeling Study over the Tri-Cities Airshed	Tes Ghidey, WA ECY
	Draft AERSURFACE Evaluation	Dave Healy, NH DES
	Blasting at Surface Mines	Marie Bernardo & Emmett Malone, CO APCD
	PM₁₀ Deposition Modeling Methods Survey – What are agencies doing?	Daniel Dix & Jim Sullivan, MN PCA
	State / Local Agency Issues and Open Forum	All
3:00 - 3:30 PM	Break & Networking	
3:30 - 5:00 PM	Regional Office Rundown	EPA-Regional Modelers
5:00 PM	Adjourn	
Thursday (May 9, 2019)		
8:30 - 9:00 AM	Regional Office Rundown (Continued)	EPA-Regional Modelers
9:00 - 9:30 AM	State / Local Agency Breakout Sessions Summary and Action Items	Breakout Session Moderators
9:30 - 9:50 AM	SO₂ Modeling for Implementation Update	James Thurman and Clint Tillerson, EPA OAQPS
9:50 - 10:10 AM	FLM / NPS / USFS Update	FLM, NPS, USFS Representative
10:10 - 10:30 AM	IWAQM Overwater Team & Transportation Team Updates	EPA, BOEM, & OTAQ Representatives
10:30 - 10:50 AM	Looking forward to the 12th Conference on Air Quality Models	Chris Owen, EPA-OAQPS
10:50 - 11:00 AM	Summary of Workshop, Priorities Going Forward, and Closing Remarks	George Bridgers, EPA-OAQPS
11:00 AM	Adjourn	