

# 49th Annual A&WMA Air Information Exchange

December 10–11, 2024 • Durham, NC



## Conference Agenda

General Sponsor: 

Tuesday, December 10, 2024

9:00 am – 9:10 am	Opening Remarks	Jordan Haywood, A&WMA Immediate Past President
9:10 am – 9:40 am	<b>Keynote Address: Future Research Directions of US EPA's Office of Research and Development</b>	<b>Maureen Gwinn</b> , Acting Assistant Administrator, US EPA Office of Research and Development (ORD)
9:40 am – 10:10 am	The Community and Tribal Programs Group (CTPG) Presents on Environmental Justice Topics and A Personal Look at a Tribal Environmental Program	Sarah Baker and James Payne, Environmental Protection Specialists, US EPA Office of Air Quality Planning and Standards (OAQPS)
10:10 am – 10:30 am	Environmental Justice Analytics in EPA Rulemakings	Jennifer Sellers and Sarah Zelasky, Physical Scientists, EPA/OAQPS
10:30 am – 10:45 am	BREAK	
10:45 am – 11:15 am	Data Fusion of AirNow, PurpleAir, and Geostationary Satellite Observations	Joey Huang, Physical Scientist, EPA/OAQPS
11:15 am – 11:30 am	Updates on EPA's Air Toxics Screening Assessment (AirToxScreen)	Matt Woody and Caroline Farkas, Physical Scientists, EPA/OAQPS
11:30 am – 12:10 pm	NCDEQ Division of Air Quality Update	Taylor Hartsfield, Deputy Director, Division of Air Quality, North Carolina Department of Environmental Quality (NCDEQ)
12:10 pm – 1:10 pm	LUNCH (provided for all attendees)	
1:10 pm – 1:30 pm	Overview of New/Updated Tools: BenMAP-Cloud	Pete Maniloff, Economist, EPA/OAQPS
1:30 pm – 2:30 pm	National Emissions Inventory Update/Air Emissions Reporting Requirements (AERR)	Marc Houyoux, Group Leader, EIAG, EPA/OAQPS
2:30 pm – 3:00 pm	Status of Reference Gases to Support Regulatory Programs	Donna Nolen-Weathington, Physical Scientist, EPA/OAQPS and Jeff Ryan, Senior Scientist, EPA/ORD
3:00 pm – 3:15 pm	BREAK	
3:15 pm – 3:45 pm	Update on EPA's Stationary Source Measurement Methods for PFAS Air Emissions	Stephen Jackson, Chemist, EPA/ORD
3:45 pm – 4:15 pm	PFAS Air Methods and Determining Thermal Destruction Effectiveness	William Roberson, Mechanical Engineer, EPA/ORD

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## Wednesday, December 11, 2024

9:00 am – 9:45 am	CAA 111 Program Update	Nate Topham, Environmental Engineer, EPA/OAQPS
9:45 am – 10:15 am	New Source Review Updates	Christina Feng Chang, Environmental Engineer, EPA/OAQPS
10:15 am – 10:30 am	Sponsor/Exhibitor Lightning Talks	
10:30 am – 10:45 am	BREAK	
10:45 am – 11:15 am	Update on Power Sector Rules	Nick Hutson, Group Leader, Energy Strategies, EPA/OAQPS
11:15 am – 12:00 pm	NC Exceptional Events Demonstration for the Revised PM2.5 NAAQS	Sara Kreuser, Meteorologist, Division of Air Quality, NCDEQ
12:00 pm – 1:00 pm	LUNCH (provided for all attendees)	
1:00 pm – 1:45 pm	Wildland Fire Smoke, Air Quality and Public Health	Christina Baghdikian, Senior Health Scientist, EPA/OAQPS
1:45 pm – 2:15 pm	Progress in Next Generation Emission Monitoring and Fenceline Monitoring	Stephanie Parsons, Physical Scientist, and Jason Dewees, Chemical Engineer, EPA/ORD
2:15 pm – 2:35 pm	Fenceline Monitoring Methods Update	David Berkowitz, Physical Scientist, EPA/OAQPS
2:35 pm – 2:50 pm	BREAK	
2:50 pm – 3:10 pm	NAAQS Review Updates	Nicole Hagan, Health Scientist, EPA/OAQPS
3:10 pm – 3:30 pm	The Impact of Wildland Fire Smoke Conditions on Regulatory Monitoring Methods (FRMs and FEMs)	Russell Long, Chemist, EPA/ORD
3:30 pm – 3:50 pm	RTR Program Update	Brian Shrager, Environmental Engineer, EPA/OAQPS

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