



EPA AIR SENSORS 2018:

Deliberating Performance Targets for Air Quality Sensors

June 25–26, 2018

Auditorium C-111 | U.S. EPA Research Triangle Park Campus
109 T.W. Alexander Drive, Durham, NC 27709

www.epa.gov/air-research/workshop-webinar-deliberating-performance-targets-air-quality-sensors

Agenda

Workshop & Webinar

Agenda At-a-Glance

Day 1	Registration 8:15 AM	Day 2	Registration 8:15 AM
	Opening 9:00 AM		Opening 8:45 AM
	Lunch 12:00–1:15 PM (1 hr, 15 min)		Lunch 12:00–1:15 PM (1 hr, 15 min)
	Adjourn 5:40 PM		Adjourn 5:00 PM

DAY 1: MONDAY, JUNE 25, 2018

8:15 AM Registration

9:00 AM Welcome, Meeting Purpose, Opening Remarks, and Announcements

Jennifer Orme-Zavaleta | *U.S. Environmental Protection Agency*

Chet Wayland | *U.S. Environmental Protection Agency*

Vasu Kilaru | *U.S. Environmental Protection Agency*

9:30 AM Session 1. International Perspectives on Sensor Use and Certification

Nick Martin | *U.K. National Physical Laboratory*

Michel Gerboles | *EU Joint Research Centre* (Presented by Nick Martin)

Peter Louie | *Hong Kong Environmental Protection Department*

Michele Penza | *EUNetAir*

10:30 AM Q & A

10:45 AM BREAK

11:00 AM Session 2. State/Local/Tribal Panel: Perspectives on Sensor Use and Certification

Kris Ray | *Confederated Tribes of the Colville Reservation*

Paul Fransioli | *Clark County Department of Air Quality, Nevada*

Gordon Pierce | *Colorado Department of Public Health and Environment*

Andrea Polidori | *South Coast Air Quality Management District, California*

11:45 AM Q & A

12:00 PM LUNCH

1:15 PM Session 3. Literature Review: Considerations for Establishing PM Sensor Performance Targets

Ron Williams | *U.S. Environmental Protection Agency*

1:45 PM Q & A

2:00 PM Session 4. PM Focus: Purposes for Nonregulatory Monitoring and Associated Measurement Performance Targets

Mike Hannigan | *University of Colorado-Boulder*

Rima Habre | *University of Southern California*

James Schauer | *University of Wisconsin-Madison*

2:30 PM Q & A

2:45 PM BREAK

3:00 PM Session 5. PM Focus: Manufacturers' Perspectives on Performance Targets

Brief comments from PM sensor developers and manufacturers (in person and webinar)

- If you are a PM sensor manufacturer/developer and would like to offer a 3-minute oral comment during this session, please sign up at the registration desk before this session. If you are attending via webinar, please submit your comment, along with your full name, affiliation and email address, via the "Q&A" pod on Adobe Connect at the start of this session.

4:15 PM Q & A

4:30 PM Session 6. PM Focus: Perspectives on Data Quality Objectives

Mike Bergin | *Duke University*

R Subramanian | *Carnegie Mellon University*

Jay Turner | *Washington University-St. Louis*

Darby Jack | *Columbia University*

5:15 PM Q & A

5:30 PM Wrap-up, June 26 Agenda Preview, Announcements

Vasu Kilaru | *U.S. Environmental Protection Agency*

5:40PM DAY 1 ADJOURNS

DAY 2: TUESDAY, JUNE 26, 2018

8:15 AM **Registration**

8:45 AM **Welcome, Recap, Today's Agenda, and Announcements**

Vasu Kilaru | *U.S. Environmental Protection Agency*

9:00 AM **Session 7. Perspectives on a Testing and Certification Program: Scope and Structure**

Edmund Seto | *University of Washington*

George Allen | *Northeast States for Coordinated Air Use Management*

Stephan Sylvan | *U.S. Environmental Protection Agency*

10:00 AM **Q & A**

10:15 AM **BREAK**

10:30 AM **Session 8. Literature Review: Considerations for Establishing Ozone Sensor Performance Targets**

Ron Williams | *U.S. Environmental Protection Agency*

11:00 AM **Q & A**

11:15 AM **Session 9. Ozone Focus: Purposes for Nonregulatory Monitoring and Associated Measurement Performance Targets**

George Thurston | *New York University*

Ronald Cohen | *University of California-Berkeley*

Anthony Wexler | *University of California-Davis*

11:45 AM **Q & A**

12:00 PM **LUNCH**

1:15 PM **Session 10. Ozone Focus: Perspectives on Data Quality Objectives**

Mike Hannigan | *University of Colorado-Boulder*

Andrea Polidori | *South Coast Air Quality Management District, California*

2:00 PM **Q & A**

2:15 PM **Session 11. Ozone Focus: Manufacturers' Perspectives on Performance Targets**

Brief comments from ozone sensor developers and manufacturers (in person and webinar)

- If you are an ozone sensor manufacturer/developer and would like to offer a 3-minute oral comment during this session, please sign up at the registration desk before this session. If you are attending via webinar, please submit your comment, along with your full name, affiliation and email address, via the "Q&A" pod on Adobe Connect at the start of this session.

3:15 PM **Q & A**

3:30 PM **BREAK**

3:45 PM **Session 12. PM and Ozone: Open Discussion**

Rachelle Duvall | *U.S. Environmental Protection Agency*

Gayle Hagler | *U.S. Environmental Protection Agency*

4:45 PM **Wrap-up and Next Steps**

Kristen Benedict | *U.S. Environmental Protection Agency*

5:00PM **WORKSHOP ADJOURNS**