

2024 National Air Quality Conference (NAQC)

March 18 – 21, 2024

Final Agenda

MONDAY, MARCH 18, 2024

Microsoft Teams: [Click here to join this session!](#) Meeting ID: 232 864 089 214 Passcode: V9FwMn

Or call in (audio only) [+1 984-444-7480,,56456505#](#) United States, Phone Conference ID: 564 565 05#

11:00 – 11:15 AM Eastern **Conference Kickoff** – Phil Dickerson, U.S. EPA, Jason Sloan, AAPCA, and Miles Keogh, NACAA

11:15 – 11:45 AM Eastern **AirNow Vision** – Phil Dickerson, U.S. EPA

11:45 AM – 12:15 PM Eastern **NAAQS Update** – Erika Sasser, U.S. EPA

End of Session: NOTE: Every session is a unique TEAMS meeting

12:15 – 1:00 PM Eastern *Break*

Microsoft Teams: [Click here to join this session!](#) Meeting ID: 292 050 506 462 Passcode: UnvYvQ

Or call in (audio only) [+1 984-444-7480,,582695662#](#) United States, Phone Conference ID: 582 695 662#

1:00 – 1:45 PM Eastern **U.S. EPA Health/Air Quality Talk** – Wayne Cascio, Director, Center for Public Health & Environmental Assessment, U.S. EPA

1:45 – 2:30 PM Eastern **AirNow Fire and Smoke Map – Version 4 Coming Soon!** – Ron Evans and Sim Larkin, U.S. EPA and U.S. Forest Service

End of Session: NOTE: Every session is a unique TEAMS meeting

2:30 – 2:45 PM Eastern *Break*

Microsoft Teams: [Click here to join this session!](#) Meeting ID: 220 933 112 318 Passcode: 3UeKAG

Or call in (audio only) [+1 984-444-7480,,20478196#](#) United States, Phone Conference ID: 204 781 96#

2:45 – 3:45 PM Eastern **A New Future for AirNow Maps?** – Barron Henderson, U.S. EPA

3:45 – 4:00 PM Eastern **Day 1 Wrap-Up**

TUESDAY, MARCH 19, 2024

Microsoft Teams: [Click here to join this session!](#) Meeting ID: 249 328 487 742 Passcode: Koq8Py
Or call in (audio only) [+1 984-444-7480,,105518084#](#) United States, Phone Conference ID: 105 518 084#

- 11:00 AM – 12:30 PM Eastern** **Nowcast and Forecast AQI Conversation** – Moderated by Sara Terry, U.S. EPA
- U.S. EPA AQI & Nowcast Overview – Susan Stone and David Mintz, U.S. EPA
 - State/Local Agency Experiences & Feedback – Maryland DE, Maine DEP, Minnesota PCA, St. Louis DOH, Arizona DEQ, South Coast AQMD
 - Community Discussion and Pathfinding

End of Session: NOTE: Every session is a unique TEAMS meeting

12:30 – 1:00 PM Eastern *Break*

Microsoft Teams: [Click here to join this session!](#) Meeting ID: 265 029 981 88 Passcode: tcRpin
Or call in (audio only) [+1 984-444-7480,,83357642#](#) United States, Phone Conference ID: 833 576 42#

MEANINGFUL ENGAGEMENT WITH ENVIRONMENTAL JUSTICE AND OTHER COMMUNITIES TO ADDRESS AIR POLLUTION: TOOLS AND PRACTICES – Moderator: Leslie Rhodes, Mecklenburg County Air Quality

- 1:00 – 1:20 PM Eastern** **AQI, Alerts, Advisories, Oh My! Keeping Air Quality on the Public's Radar** – Malcolm Zachariah and Jared Milano, Oklahoma DEQ
- 1:20 – 1:40 PM Eastern** **Shifting the Lens of Air Quality Outreach: A Proactive, Service-Based Model** – Victoria O'Keefe, Mecklenburg County Air Quality
- 1:40 – 1:45 PM Eastern** *5-Minute Break*
- 1:45 – 2:05 PM Eastern** **Air Quality Health Advisories, Alerts, and Notifications in the South Coast Air Quality Management District** – Dr. Scott Epstein, South Coast AQMD
- 2:05 – 2:25 PM Eastern** **Working with Communities to Address Air Pollution – Tools and Practices with Air Alliance Houston** – Dr. Inyang Uwak, Air Alliance Houston
- 2:25 – 2:45 PM Eastern** **Session Q&A and Wrap-Up**

End of Session: NOTE: Every session is a unique TEAMS meeting

2:45 – 3:00 PM Eastern *Break*

TUESDAY, MARCH 19, 2024 (continued)

Microsoft Teams: [Click here to join this session!](#) Meeting ID: 261 075 607 634 Passcode: wvBToz

Or call in (audio only) [+1 984-444-7480,,261995778#](#) United States Phone Conference ID: 261 995 778#

IMPROVING DATA FOR FIRES AND SMOKE: EXCEPTIONAL EVENTS TOOLS AND CASE STUDIES – Moderator: Dr. Byeong Kim, Georgia EPD

- | | |
|-------------------------------|--|
| 3:00 – 3:20 PM Eastern | U.S. EPA Exceptional Events Tools – David Mintz, U.S. EPA, and Shaye Hong, U.S. EPA Region 9 |
| 3:20 – 3:40 PM Eastern | An Exceptional Events Demonstration Web Tool for Air Quality Data Visualizations – Dr. Ranil Dhammapala and Dr. Melissa Maestas, South Coast AQMD |
| 3:40 – 3:45 PM Eastern | <i>5-Minute Break</i> |
| 3:45 – 4:05 PM Eastern | Impact of Wildfire Smoke on Ozone: A Case Study of Ozone Exceptional Event in the Philadelphia Nonattainment Area – Dr. Min Zhong, Pennsylvania DEP |
| 4:05 – 4:25 PM Eastern | Lessons Learned from the Development of Wildfire Exceptional Events and Creation of a Nationwide Wildfire Exceptional Events Screening Methodology – Dr. Crystal McClure, Sonoma Technology |
| 4:25 – 4:45 PM Eastern | Session Q&A and Wrap-Up |
| 4:45 – 5:00 PM Eastern | Day 2 Wrap-Up |

WEDNESDAY, MARCH 20, 2024

<p>TRACK 1: INNOVATIVE OUTREACH INITIATIVES Moderator: Susan Stone, U.S. EPA</p>	<p>TRACK 2: MONITORING AND MODELING CASE STUDIES TO CHARACTERIZE LOCAL AIR QUALITY Moderator: Jaime Gore, Georgia EPD</p>
<p>Microsoft Teams: Click here to join this session! Meeting ID: 253 115 098 270 Passcode: Me5x8R Or call (audio only) +1 984-444-7480,,105129908# Phone Conference ID: 105 129 908#</p> <p>11:00 AM – 12:45 PM Eastern</p>	<p>Microsoft Teams: Click here to join this session! Meeting ID: 246 932 225 146 Passcode: Tqfynn Or call (audio only) +1 984-444-7480,,265884458# Phone Conference ID: 265 884 458#</p> <p>11:00 AM – 12:30 PM Eastern</p>
<p>11:00 – 11:15 AM Eastern Welcome and Introductions</p> <p>11:15 – 11:30 AM Eastern Burn Wise Education Tools, Heat Pumps and Federal Funding – Larry Brockman, U.S. EPA</p> <p>11:30 AM – 12:00 PM Eastern Smoke Preparedness for Schools – Dr. Stephanie M. Holm, Univ. of CA-San Francisco Jason Mandly, Butte County AQMD Jaime Holt, San Joaquin Valley APCD</p> <p>12:00 – 12:15 PM Eastern Hazard Impact Action Messaging – Michael B. Nye, Office of Public Affairs, U.S. EPA</p> <p>12:15 – 12:30 PM Eastern Air Quality Awareness Week and the Air Quality Flag Program – Lauren Petuya, OAQPS, U.S. EPA</p> <p>12:30 – 12:45 PM Eastern Session Q&A and Wrap-Up</p>	<p>11:00 – 11:15 AM Eastern Welcome and Introductions</p> <p>11:15 – 11:35 AM Eastern Investigation of Ozone Formation Chemistry During the Salt Lake Regional Smoke, Ozone, and Aerosol Study (SAMOZA) – Dr. Matthew Ninneman, New York State DEC</p> <p>11:35 – 11:55 AM Eastern How Industrial Emissions in Harris County Impact Asthma Rates and Excess Deaths – Anthony D’Souza, Air Alliance Houston</p> <p>11:55 AM – 12:15 PM Eastern Concentrations of PM2.5 and Ozone in Jakarta in 2023 – Hernani Yulinawati, Universitas Trisakti, Jakarta, Indonesia</p> <p>12:15 – 12:30 PM Eastern Session Q&A and Wrap-Up</p>

End of Session: NOTE: Every session is a unique TEAMS meeting

12:30 – 1:00 PM Eastern

Break

WEDNESDAY, MARCH 20, 2024 (continued)

Microsoft Teams: [Click here to join this session!](#) Meeting ID: 264 053 466 730 Passcode: FqswEe

Or call in (audio only) [+1 984-444-7480,,367579555#](#) United States Phone Conference ID: 367 579 555#

INDOOR AIR QUALITY – Moderator: Michelle King, Louisville Metro APCD

- 1:00 – 1:20 PM Eastern** **Promoting Building Occupant Safety and Indoor Air Quality During and Following Emergencies** – Dr. Danny Malashock, Office of Radiation & Indoor Air, U.S. EPA
- 1:20 – 1:40 PM Eastern** **Breathing Room at Home: The Importance of Indoor Air Quality and How to Improve It in Your Home Today** – Jaime Snell, ECO CRATES of America
- 1:40 – 1:45 PM Eastern** *5-Minute Break*
- 1:45 – 2:05 PM Eastern** **Using Air Sensor Technology as a Complement to Traditional Indoor Air Quality Best Practices** – Randolph Chapman, Indoor Environments Division, U.S. EPA
- 2:05 – 2:25 PM Eastern** **Mn-Based Regenerable Catalytic Material for Abatement of Harmful Contaminants like Formaldehyde in Confined Indoor Air Spaces** – Dr. Arnab Ghosh, Carus LLC
- 2:25 – 2:45 PM Eastern** **Session Q&A and Wrap-Up**

End of Session: NOTE: Every session is a unique TEAMS meeting

- 2:45 – 3:00 PM Eastern** *Break*

Microsoft Teams: [Click here to join this session!](#) Meeting ID: 296 126 364 690 Passcode: qgVTvv

Or call in (audio only) [+1 984-444-7480,,650378686#](#) United States Phone Conference ID: 650 378 686#

ADVANCED METHODS FOR AIR QUALITY MONITORING, MODELING, AND DATA ANALYSIS – Moderator: Leigh Bacon, Alabama DEM

- 3:00 – 3:20 PM Eastern** **Morongo Tribal Air Program Level 1–3 Responsibilities** – Jessica Southard, Morongo Band of Mission Indians
- 3:20 – 3:40 PM Eastern** **Quality Assurance in an Optical Sensor Network for Public Health Information** – Daniel Johnson, Oregon DEQ
- 3:40 – 3:45 PM Eastern** *5-Minute Break*

WEDNESDAY, MARCH 20, 2024 (continued)

- | | |
|-------------------------------|---|
| 3:45 – 4:05 PM Eastern | Multiple Air Toxics Exposure Study V: Advanced Monitoring of Refineries – Dr. Andrea Polidori, South Coast AQMD |
| 4:05 – 4:25 PM Eastern | Methane Balance and the Importance of Calculating Emissions from Water Tanks in Oil and Gas Fields – Raj Lahoti, FESCO |
| 4:25 – 4:45 PM Eastern | Session Q&A and Wrap-Up |
| 4:45 – 5:00 PM Eastern | Day 3 Wrap-Up |

THURSDAY, MARCH 21, 2024

<p>TRACK 1: COMMUNICATING AIR MONITORING AND AIR SENSOR DATA AND CITIZEN SCIENCE Moderator: Miles Keogh, National Association of Clean Air Agencies</p>	<p>TRACK 2: STATE AND LOCAL AGENCY ACTIVITIES IN FORECASTING AND DATA SHARING Moderator:</p>
<p>Microsoft Teams: Click here to join this session! Meeting ID: 253 115 098 270 Passcode: Me5x8R Or call (audio only) +1 984-444-7480,,105129908# Phone Conference ID: 105 129 908#</p> <p>11:00 AM – 12:45 PM Eastern</p>	<p>Microsoft Teams: Click here to join this session! Meeting ID: 246 932 225 146 Passcode: Tqfynn Or call (audio only) +1 984-444-7480,,265884458# Phone Conference ID: 265 884 458#</p> <p>11:00 AM – 1:00 PM Eastern</p>
<p>11:00 – 11:15 AM Eastern Welcome and Introductions</p> <p>11:15 – 11:35 AM Eastern Building a Publicly Accessible Air Quality Network to Engage Citizen Scientists and Drive Community-Led Change – Darren Riley, JustAir Solutions and Kareem Scales, Scales Consulting</p> <p>11:35 – 11:55 AM Eastern Colorado’s Development of a Replicable Model for Collecting, Aggregating, Interpreting, Sharing, and Engagement with Air Monitoring and Community – Michael Ogletree, Colorado DPHE</p> <p>11:55 AM – 12:00 PM Eastern <i>5-Minute Break</i></p> <p>12:00 PM – 12:20 PM Eastern CARB’s Community Air Quality Viewer (AQview) - Annemarie (Annie) Flores, California Air Resources Board</p> <p>12:20 – 12:45 PM Eastern Session Q&A and Wrap-Up</p>	<p>11:00 – 11:15 AM Eastern Welcome and Introductions</p> <p>11:15 – 11:35 AM Eastern Developing a New Data Standard: Introducing the Air Quality Data Exchange (AQDx) Format – Ashley Collier-Oxandale, Colorado DPHE</p> <p>11:35 – 11:55 AM Eastern High Resolution Data Sharing – Joel Dreessen, Maryland DE</p> <p>11:55 AM – 12:00 PM Eastern <i>5-Minute Break</i></p> <p>12:00 AM – 12:20 PM Eastern Combined High-Resolution Current and Forecast Hourly Air Quality Index for South Coast AQMD – Dr. Nico Schulte, South Coast AQMD</p> <p>12:20 PM – 12:40 PM Eastern Performance Evaluation for Latest NOAA Operational PM2.5 and Ozone Model – Michael Geigert, Connecticut DEP</p> <p>12:40 – 1:00 PM Eastern Session Q&A and Wrap-Up</p>

End of Session: NOTE: Every session is a unique TEAMS meeting

THURSDAY, MARCH 21, 2024 (continued)

1:00 – 1:30 PM Eastern

Break

[Click here to join the meeting](#) Meeting ID: 246 068 466 824 Passcode: of5S4t

Or call in (audio only) [+1 984-444-7480](tel:+19844447480), [284181341#](tel:+1284181341) United States Phone Conference ID: 284 181 341#

FINAL PLENARY SESSION

1:30 – 2:15 PM Eastern

Outreach Programs and Community Projects FUNDED by Innovative Funding Sources: IRA, BIL, and ARP – Moderator: Christine Kirby, Massachusetts DEP

- Using IRA and ARP Funding to Empower Residents to Take Action Towards Improving Air Quality in the District – Amanda Lahan, District of Columbia DOEE
- Empowering Air Agencies to Engage with Communities on Air Monitoring – Story Schwantes, TD Enviro

2:15 – 2:45 PM Eastern

Data Fusion Using Geostatistical and Machine-Learning Methods for High-Resolution Current and Forecast Air Quality Information to Support Air Quality Management, Community Monitoring, and Environmental Justice Initiatives – Nathan Pavlovic, Sonoma Technology

2:45 – 3:00 PM Eastern

Partner of the Year Award – Phil Dickerson, U.S. EPA

3:00 – 4:15 PM Eastern

Summary of Key Takeaways from Conference – U.S. EPA and Community

4:15 – 4:30 PM Eastern

Conference Wrap-Up – U.S. EPA, AAPCA, NACAA

VIRTUAL FLASH TALKS

Wearables for Personal Exposure Monitoring

<https://www.youtube.com/watch?v=jkLyyQ-6yfw>

David Riallant - Directeur, AirSentinels

