



## AIR SENSORS 2019:

EPA's Second Workshop on Deliberating Performance Targets for Air Quality Sensors

July 16, 2019 | Sheraton Imperial Hotel, Durham, NC

<https://www.epa.gov/research/air-sensors-2019-epas-second-workshop-deliberating-performance-targets-air-quality-sensors>

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# AGENDA

## Workshop & Webinar

**TUESDAY, JULY 16, 2019**

**9:00-9:20 AM**

### **Welcome, Meeting Purpose and Opening Remarks**

- Vasu Kilaru, *U.S. Environmental Protection Agency*
- Alan Vette, *U.S. Environmental Protection Agency*
- Chet Wayland, *U.S. Environmental Protection Agency*

**9:20-9:35 AM**

### **Summary and Status of the 2018 Workshop on PM<sub>2.5</sub> and Ozone**

- Gayle Hagler, *U.S. Environmental Protection Agency*

**9:35-9:45 AM**

### **Literature Review: PM<sub>10</sub>, NO<sub>2</sub>, SO<sub>2</sub> and CO**

- Vasu Kilaru, *U.S. Environmental Protection Agency*

**9:45-10:00 AM**

### **Q & A**

**10:00-10:15 AM**

### **BREAK**

**10:15-11:00 AM**

### **Session 1: Local Perspectives on Sensors – How “good” does sensor data need to be to help address air quality concerns?**

- Ron Pope, *Maricopa County Air Quality Department*
- Vasileios Papapostolou, *South Coast Air Quality Management District (AQMD)*
- Janice Lam Snyder, *Sacramento Metropolitan AQMD*
- Paul Fransioli, *Clark County Department of Air Quality*

**11:00-11:15 AM**

### **Q & A**

<b>11:15-12:00 PM</b>	<b>Session 2: Sensors in Scientific Research – What are the most important data quality objectives for research?</b> <ul style="list-style-type: none"> <li>• Rima Habre, <i>University of Southern California</i></li> <li>• Mike Hannigan, <i>University of Colorado-Boulder</i></li> <li>• Penelope (Jenny) Quintana, <i>San Diego State University</i></li> <li>• Zhi Ning, <i>Hong Kong University of Science and Technology</i></li> </ul>
<b>12:00-12:15 PM</b>	<b>Q &amp; A</b>
<b>12:15-1:30 PM</b>	<b>LUNCH (<i>hotel buffet available for purchase</i>)</b>
<b>1:30-1:50 PM</b>	<b>Session 3: Voluntary Consensus Standards – How might NIST use performance targets to inform future sensor standards?</b> <ul style="list-style-type: none"> <li>• Gordon Gillerman, <i>Director of the Standards Coordination Office, National Institute of Standards and Technology (NIST)</i></li> </ul>
<b>1:50-2:05 PM</b>	<b>Q &amp; A</b>
<b>2:05-2:25 PM</b>	<b>Session 4: European Union Perspective on Sensor Standards – What factors were used to develop EU standards?</b> <ul style="list-style-type: none"> <li>• Michel Gerboles, <i>EU Joint Research Centre</i></li> </ul>
<b>2:25-2:40 PM</b>	<b>Q &amp; A</b>
<b>2:40-3:10 PM</b>	<b>Session 5: Manufacturers – How could market drivers improve air quality sensor performance?</b> <ul style="list-style-type: none"> <li>• Sensor Manufacturers</li> </ul>
<b>3:10-3:30 PM</b>	<b>Q &amp; A</b>
<b>3:30-3:45 PM</b>	<b>BREAK</b>
<b>3:45-5:15 PM</b>	<b>Session 6: Open Discussion on Data Quality Perspectives</b>
<b>5:15-5:30 PM</b>	<b>Wrap-Up/Next Steps</b>
<b>5:30 PM</b>	<b>ADJOURN</b>