

CAAAC Air Sensors Session 09/27/18			
Introduction to Session	Kristen Benedict	EPA	8:45-8:50am
Sensors Overview	Kristen Benedict	EPA - OAQPS	8:50-9:15am
Outdoor Project Examples	Gail Robarge	EPA - ORD	9:15-9:25am
Overview of Indoor Sensors	Laura Kolb	EPA - ORIA	9:25-9:35am
Lightning Round of Various Perspectives from CAAAC Members	Speaker #1 – Mike Silverstein Speaker #2 – Kris Ray Speaker #3 – Tim Hunt Speaker #4 – Tomas Carbonell Speaker #5 – Gillian Mittelstaedt		9:35-10:00am Each speaker presents 5 minutes or less
Break			10:00-10:15am
Charge Questions	Open Discussion/Feedback from CAAAC Members Charge Questions #1-6		10:15-11:30am
Next Steps			11:30-11:45am

Charge Questions:

Charge #1 – Please provide feedback on the key areas of focus for air sensors – data quality, data interpretation, and data management. Are any key focus areas missing?

Specifically, please describe considerations for interpretation of real-time data (e.g. 1 minute) in the outdoor and/or indoor environment. Also, how can EPA effectively manage or access data from various projects both within and outside the Agency?

Charge #2 – What should EPA consider when data algorithms are being used to “correct” raw measurement data?

Charge #3 – [Outdoor air specific] How are the considerations for use of sensors in ambient and source environments different? What about near source environments?

Charge #4 – [Indoor Air Specific] For sensors that have been tested or evaluated for outdoor use, please comment on what additional research should be done to assess those sensors for indoor use. Are there additional considerations for long term use?

Charge #5 – [Indoor Air Specific] Please provide feedback on how sensors for detection of multiple indoor pollutants and/or complex mixtures found in indoor environments should be evaluated.

Charge #6 – [Indoor Air Specific] Please comment on the state of sensors for biological contaminants indoors, particularly for use in residential environments, and what further research may be required to further develop or evaluate them.