

AIR QUALITY MEASUREMENT

METHODS AND TECHNOLOGY

March 8–10, 2022 • San Diego, CA



Call for Abstracts

Submission Deadline: November 1, 2021

Explore advances in measurement technology, data quality assurance, and data uses at the Air & Waste Management Association's Air Quality Measurement Methods and Technology conference to be held March 8-10, 2022 at The Westin San Diego, California.

The conference continues the decades-long A&WMA legacy of promoting current air quality measurement methods and data use. The technical program will include the latest information on the assessment of key substances of concern for humans and the environment, including criteria pollutants and greenhouse gases, air toxics, as well as emerging pollutants such as Per- and polyfluoroalkyl substances (PFAS) and ethylene oxide.

The conference provides a forum to discuss current advances in measurement technology covering all aspects of air quality, including ambient air, indoor air, point sources, and fugitive sources. Data from both laboratory and field studies are welcomed, with the focus on data vs. models. Participants include a full range of investigators from academia, industry, consultants, and government agencies. Three concurrent sessions and vendor exhibits are planned, along with professional development courses.

Presentations are required to avoid explicit product-oriented endorsements or marketing-oriented materials.

Solicitation of Abstracts

A 200-400 word electronic abstract **must** be submitted to measurements@awma.org for review by November 1, 2021, including all relevant author contact information. Abstracts undergo critical review by the conference committee for originality, technical content, objectivity, and absence of commercialism. Presentations are sought for air measurement topics, including (but not limited to) the following:

- Ambient Air Monitoring and Monitoring Network Assessments
- Continuous Ambient Monitoring
- Advances in Ambient Air Toxic Air Contaminant (TAC) Measurement Methods
- Ambient Particle Chemical Speciation
- Monitoring Efforts in Environmental Justice Communities
- Coarse and Fine Particulate Matter Measurement Methods
- Fugitive Emissions Measurements and Leak Detection
- Passive Measurements and Fence Line Monitoring
- Stationary Source Measurement Advances
- Continuous Monitoring of Air Toxics from Stationary Sources

- Continuous Particle Measurement from Stationary Sources
- Continuous TAC Monitoring from Stationary Sources
- Advanced Monitoring Platforms (including drones and satellites) to Monitor Area Sources of Greenhouse Gases
- Measurement Data Quality, Detection Limits and Quality Assurance
- Measurement Technology Evaluation and Performance
- Application and Use of Low-cost Sensors for Air Monitoring
- Mobile Monitoring Platforms
- Advances in Instrumentation and Environmental Monitoring
- Next Generation Emissions Monitoring (NGEM)
- Agricultural Emissions and Odor Measurements

Starting in 2020, we no longer require that presenters prepare papers or extended abstracts. However, the technical committee will require a draft of your PowerPoint presentation as a mandatory prerequisite for presentation at the conference. Your draft PowerPoint presentation **must** be submitted to measurements@awma.org for review by January 28, 2022, with the final version by March 1, 2022. Presenters are encouraged to follow the schedule below to ensure inclusion in the conference and proceedings. A proceedings with the abstracts and presentations (with author permission) will be available soon after the conference.

Please contact **Conference Chair**, Eric Winegar at winegar.eric@gmail.com with any questions.

Conference Technical Committee:

Sara Head, shead@YorkeEngr.com

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Eric Winegar, winegar.eric@gmail.com

Important Dates

- November 1, 2021: Abstract Submission Deadline
- November 19, 2021: Author Notifications
- December 3, 2021: Preliminary Agenda Available
- January 28, 2022: Draft PowerPoint Presentations Due to Session Chairs for Review
- February 18, 2022: Session Chair Comments Due Back to Presenters
- March 1, 2022: Final PowerPoint Presentations Due to Session Chairs
- March 8-10, 2022: Air Quality Measurement Methods and Technology Conference at The Westin San Diego, California