

# AIR QUALITY MEASUREMENT

## METHODS AND TECHNOLOGY

May 11-13, 2021 • San Diego, CA



## Call for Abstracts

**Submission Deadline: February 8, 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 May 11-13, 2021 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 emerging pollutants such as Per- and polyfluoroalkyl substances (PFAS) and ethylene oxide, developments in air sensor technology and data processing, next generation emissions monitoring (NGEM), drones and remote sensing, new air monitoring networks, and regulations from industry and government experts, as well as citizen and community monitoring efforts. Other topics will include: Air quality and measurement issues related to stationary source compliance measurements, ambient monitoring, fugitive and area source air emissions (such as from wildfires), quality assurance, and data uses to improve models, greenhouse gas monitoring data and associated models, and, emission inventories, and policy decisions.

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. A limited number of posters will be available alongside existing topic-specific sessions.

### **Solicitation of Abstracts**

A 200-400 word electronic abstract **must** be submitted to [measurements@awma.org](mailto:measurements@awma.org) for review by February 8, 2021. 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
- Coarse and Fine Particulate Matter Measurement Methods
- Fugitive Emissions Measurements and Leak Detection
- Passive Measurements and Fence Line Monitoring
- Stationary Source Measurement Advances

- Continuous Particle Measurement from Stationary Sources
- Continuous TAC Monitoring from Stationary Sources
- Remote Sensing using Drones or 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

This year, we are not requiring 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](mailto:measurements@awma.org) for review by April 12, 2021. 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](mailto:winegar.eric@gmail.com) with any questions.

**Conference Technical Committee:**

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**Important Dates**

- February 8, 2021: Call for Abstracts Deadline
- April 9, 2021: Hotel Cut-off Deadline
- April 12, 2021: Draft PowerPoint Presentation Due
- April 12, 2021: Author Permission Form Deadline
- April 12, 2021: Conference Early Registration Deadline
- April 12, 2021: Refund Deadline
- May 11-13, 2021: Air Quality Measurement Methods and Technology Conference at The Westin San Diego, California
- May 13, 2021: Professional Development Courses at The Westin San Diego, California