



ASIC, International Connection Hub *Ghana Conference*

Have you met the Program Committee?

Robert Mbiake,
University of Douala / ANGA

Emmanuel Appoh,
Consultant

Kofi Amegah,
University of Cape Coast

Allison Hughes,
University of Ghana

Collins Gameli Hodoli,
University of Environment and Sustainable
Development

Victoria Owusu Tawiah,
Clean Air Fund

Pallavi Pant,
HEI

Nathan Borgford,
United Nations

Zoe Chafe,
C40 Cities

George Mwaniki,
Clean Air Catalyst

Solomon Bililign,
North Carolina Agricultural and Technical
State University

Dan Westervelt,
CAMS-Net / Columbia University

Albert Presto,
CAMS-Net / Carnegie Mellon University

Rebecca Garland,
Pretoria / ANGA

Deo Okure,
AirQo

Sam Aguei,
University of Ghana

Victor Indasi,
C40 Cities

Vasu Kilaru,
US EPA

Why are we hosting a Ghana Conference?

The purpose of this conference is to improve air quality by teaching communities, city managers, environmental health officers, industry developers and regulators, how to effectively use air quality sensors and the data produced to be able to understand the heavy health and economic cost of air pollution to create massive changes in regulatory and personal actions that significantly influence air pollution levels.

We expect that this conference will encourage the development of enhanced air quality management systems through open discussion of local issues and exposure to the latest air quality sensor technology.

We are hoping to educate and connect Researchers, Air Quality Managers, Journalists, and Policy Makers at this conference. So, if you have any community scientist partners, know of journalists or educators that could help inform the public, or work with regulators and environmental managers that should attend, please

forward this message to them!

Of course, if you are interested in participating, sharing your knowledge or learning from others, we welcome you to attend! [You can sign up here to stay informed.](#)

What do we aim to achieve?

This 2.5-day conference will strengthen capacity among all participants on the fundamentals of air quality sensors, highlight the achievements in low-cost sensor use for air quality in Africa and equip various users with tools and trainings to effectively use small, low-cost sensors for air quality improvement within African countries. Through the conference, we aim to:

1. Facilitate a dialogue between researchers, communities, industry members, city managers, and regulators on the topic of low-cost sensor use in Africa.
2. Improve understanding of air pollution's effects on personal health among communities, city managers and regulators; highlight the impacts on the economy and the climate.
3. Expand technical know-how among key audiences on the use of applications of sensor data including the fundamentals of low-cost sensors, sensor network and policy development

[Read the full Concept Note](#)

How can you help?

In order to ensure this conference reaches the right audiences and that this educational event accessible to the most people possible, *we could use YOUR help!*

BECOME A SPONSOR: We are providing travel and attendance grants to many attendees participating from African countries. Due to this we are asking for generous financial support from ASIC partners to make the event successful and ensure air quality improvements can continue to spread across the globe. We invite you to be a conference sponsor by supporting the planning efforts or travel of participants.

BECOME AN OUTREACH PARTNER: We also need to know which organizations should be involved. If you are partnering with an organization, government department or community group that is aiming to improve air quality in their region, please let us know! You can forward this message or directly share their information with ASIC.

Please connect with ASIC Manager, Sandra Hall, sehall@ucdavis.edu to review sponsorship opportunities that will showcase you as a leader within the air quality sensors field or to support the outreach efforts.

ASIC Partner Events

[EPA Webinar](#)

Air, Climate, and Energy Research Webinar Series

How Does Air Pollution Affect Plants and Ecosystems?

Tuesday, March 21, 2023, from 3 to 4:15 p.m. ET

Registration: us02web.zoom.us/webinar/register/WN_rzQWgcb2SGuavyXeDOY0bQ

A certificate of
attendance will be
offered for
this webinar

The effects of air pollution on plants have been studied since the early 1800s. By the 1960's, growing concerns about the detrimental effects of air pollution on human health and the environment spurred the passage of the U.S. Clean Air Act in 1970. Part of the Clean Air Act is designated to protect the environment from pollutants such as smog and acid rain. This webinar will discuss air pollution research on trees, crops, and ecosystems, with a focus on ground-level ozone from the last several decades to the present. How this research can be used to inform policy at the EPA and other agencies will be also be discussed.



Jeffrey Herrick, Ph.D.

Jeff is an ecologist with EPA's Office of Research and Development. He has primarily worked on scientific support and policy-making for the ecological aspects of the U.S. National Ambient Air Quality Standards. Jeff's current work focuses on the effect of air pollutants on vegetation and ecosystems, with a particular emphasis on direct effects of gaseous pollutants such as ozone, sulfur dioxide and nitrogen oxides. His work also includes characterizing the effects of atmospheric nitrogen deposition and acidifying deposition on terrestrial ecosystems.

Jeff is an EPA resource for the translation of science into informed policy-making. He received his Ph.D. in environmental plant biology from West Virginia University and conducted his dissertation research on the effects of elevated carbon dioxide on forests.

Webinar series schedule and recordings:
epa.gov/air-research/air-climate-energy-research-webinar-series

Learn more about our air research:
epa.gov/air-research

Get feature articles about our science:
epa.gov/sciencematters/

2023 Air Sensors Quality Assurance Workshop

The need for more accurate air sensor data is crucial as air agencies and other organizations rapidly install air sensor networks across the United States and world. The 2023 Air Sensors Quality Assurance (QA) Workshop will help the air sensor community better understand established and emerging QA methods for collecting accurate air sensor data and any associated limitations.

The workshop will be a 3-day hybrid event for both in-person and virtual attendees and presenters, and will include presentations and panel discussions with various air sensor experts. The event will provide a forum for these experts to present beneficial information on the state of the science surrounding air sensors QA. EPA's Office of Air Quality Planning and Standards (OAQPS) and EPA's Office of Research and Development (ORD) are co-sponsoring the 2023 Air Sensors QA Workshop.

Workshop pre-registration is open now! EPA is attempting to gauge participant interest and identify potential speakers ahead of finalizing some workshop details. Please [fill out the pre-registration form](#) if you are considering attending the workshop either in-person or virtually, and if you are interested in being a presenter. EPA will provide additional registration and location information in Spring 2023.

ASIC-ICH Partners

CLEAN
AIR
FUND

UC DAVIS
**AIR QUALITY
RESEARCH CENTER**

Questions? Please Contact the Conference Staff:
airqualityevents@ucdavis.edu

UC Davis Air Quality Research Center | asic.aqrc.ucdavis.edu



UC Davis Air Quality Research Center | Bainer Hall - MAE, One Shields Ave. , Davis, CA 95616

[Unsubscribe airqualityevents@ucdavis.edu](#)

[Update Profile](#) | [Constant Contact Data Notice](#)

Sent by airqualityevents@ucdavis.edu powered by



Try email marketing for free today!