Welcome to the HEI Webinar series on air pollution and health in East Africa.

We will begin shortly.

For the full webinar program, please visit

https://www.healtheffects.org/meeting/webinar-series-air-pollution-and-health-east-africa



Trusted Science • Cleaner Air • Better Health



About the Health Effects Institute

Independent Research Institute Providing Trusted Science

- Global expert network
- Rigorous science
- Does not take policy positions

Targeted Research and Reanalysis

 Over 350 studies on a wide variety of air pollutants and sources: PM, ozone, air toxics; coal, diesel, natural gas, others

Scientific Review

- The Health Effects of Exposure to Traffic
- Health Effects of Air Pollution in Asia **Global Health**
 - The State of Global Air
 - Targeted work in South Asia, East Africa, Southeast Europe





Number 23 June 2022



H E A L T H EFFECTS INSTITUTE

Number 210 December 2021

SPECIAL REPORT

Systematic Review and Meta-analysis of Selected Health Effects of Long-Term Exposure to Traffic-Related Air Pollution

HEI Panel on the Health Effects of Long-Term Exposure to Traffic-Related Air Pollution

THE STATE OF AIR QUALITY AND HEALTH IMPACTS IN AFRICA

A REPORT FROM THE STATE OF GLOBAL AIR INITIATIVE

2022 The State of Global AIr is a collaboration between the Health Effects Institute and the Institute for Health Metrics and Evaluation's Global Burden of Disease project.



Citation: Health Effects institute. 2022: The State of Air Quality and Health Impacts in Africa. A Report from the State of Glabal Air Initiative. Boston, MA:Health Effects Institute. ISSN 2578-6881 © 2022 Health Effects Institute

RESEARCH REPORT

Global Burden of Disease from Major Air Pollution Sources (GBD MAPS): A Global Approach

Erin McDuffie, Randall Martin, Hao Yin, and Michael Brauer





Before we begin

- If you experience any logistical difficulties, please contact us using the Chat box.
- You can turn on closed captioning for the event at the bottom of your screen to the right of the Q&A button.
- There will be a 3-minute Q&A period after each speaker, reserved for short technical questions. In-depth questions will be reserved for the 25-minute Open discussion period at the end of both sessions.
- Please submit questions via the Q&A function at any time during the webinar. You can also "upvote" questions in the Q&A.
- Webinar slides and recording will be available in the coming weeks.
- Registration information for upcoming webinars will also be available soon (<u>https://www.healtheffects.org/meeting/webinar-series-air-pollution-and-health-east-africa</u>).

tact us using the **Chat box**. bottom of your screen to the



Building Momentum for Health Studies Using Locally Available Air Quality and Health Data in East Africa

Webinar 1

September 19, 2023



Speakers



Dr. George Mwaniki **WRI** Africa

Dr. Anderson Kehbila **SEI** Africa

Dr. Kanyiva Muindi African Population & Health Research Center





Ms. Priscilla Adong AirQo – Makerere University

Dr. Augustine Afullo Eastern Africa GEO Health Hub (Kenya)



Chairs



Dr. Godwin Opinde Kenyatta University



Dr. Pallavi Pant Health Effects Institute



Agenda

Opening Remarks: The role of data in air quality management

Setting the context: Availability of local air quality and health data

Leveraging shared knowledge on air quality monitoring data streams Demographic surveillance as a tool to promote urban health and socio-economic wellbeing

Q&A

Usability of available air quality and health data to build regional evidence base

Quality assurance of air quality data, are available datasets homogenous?

Showcase of ongoing or completed AQ and health research, opportunities & challenges

Open Discussion

Closing Remarks

10 mins 30 mins

10 mins

30 mins

25 mins



Question and Discussion

Please type in your questions via 'Q&A'



Trusted Science • Cleaner Air • Better Health



East Africa Webinar Series

September 19, 2023 Building momentum for health studies using locally available air quality and health data

October 25, 2023 Strengthening capacity to promote East Africa-led research programs on air quality and health

November 22, 2023 Expanding public engagement and communication on air pollution and health

January, 2024 Opportunities for promoting integrated action on air pollution, energy and climate in East Africa



HEI will make the webinars available on YouTube in the coming weeks. Check our website for details:

https://www.healtheffects.org/meeting/webin ar-series-air-pollution-and-health-east-<u>africa</u>

The next webinar, Strengthening capacity to promote East Africa-led research programs on air quality and health, is scheduled for October 25, 2023. Please join us!



Thank you!

www.healtheffects.org info@healtheffects.org @HEIresearch

