

DRAFT Agenda
Global Environmental and Occupational Health (GEOHealth) Hubs
2023 Virtual Network Meeting

Day 1	Wednesday, May 24, 2023	08:00 AM – 3:00 PM EDT
Day 2	Thursday, May 25, 2023	08:00 AM – 3:00 PM EDT

[\(time converter\)](#) can assist in determining your local time)

Day 1 - Wednesday, May 24 – 8:00am – 3:00pm EDT

7:30-8:00am **Virtual meeting room opens** (please join early to test connectivity)

8:00-8:15am **Welcome**
Dr. Peter Kilmarx, Acting FIC Director

8:15-8:30 **Meeting Overview and Goals**
Dr. Christine Jessup, GEOHealth Program Director, FIC

8:30-9:50am **GEOHealth Hub Updates – Session 1** *15 minutes per hub presentation*

Long term effects of household air pollution (HAP) reduction on cardio-pulmonary and immune function outcomes – a household level randomized mHealth intervention trial
Dr. Rubhana Raqib, icddr,b, Bangladesh
Dr. Habibul Ahsan, University of Chicago

Mongolian Center for Environmental and Occupational Health: Air Pollution Research and Trainee Engagement
Dr. Dambadarjaa Davaalkham, Mongolian National University of Medical Sciences, Mongolia
Dr. Gregory C. Gray, University of Texas Medical Branch

GEOHealth Hub India
Dr. Dorairaj Prabhakaran, Centre for Chronic Disease Control, India
Dr. Nancy Long Sieber, Harvard T.H. Chan School of Public Health

Discussion

9:50-11:30am **GEOHealth Hub Updates – Session 2** *15 minutes per hub presentation*

The Eastern Africa GEOHealth Hub: Setup, Progress and Plans
Dr. Kiros Berhane, Columbia University
Dr. Abera Kumie, Addis Ababa University

Update from GeoHealth Hub on Climate Change and Health in the Middle East and North Africa

Dr. Wael Al-Delaimy, UC San Diego

Dr. Fayez Abdullah, Jordan University of Science and Technology

Global Environmental and Occupational Health Research and Training Hub in the Middle East and North Africa

Dr. Iman Nuwayhid, American University of Beirut

Dr. Hani Mowafi, Yale University

Regional GEOhealth Hub Centered in Perú

Dr. Stella Hartinger, Universidad Peruana Cayetano Heredia

Discussion

11:30-12:15

Lunch Break

Virtual meeting room will remain open for discussions and breakout rooms can be made available for discussions if requested.

12:15- 1:15

GEOHealth Trainee/Collaborator Presentations Session 1 *5 minutes per speaker*

Assessment of Household Air Pollution and Personal Exposure among school children in Kampala Capital City, Uganda	Mr. Samuel Etajak	Makerere University School Health, Uganda
Occupational Heat Stress in the Floriculture Industry of Ethiopia: Health Risks and Productivity Losses	Dr. Belay Simane	Addis Ababa University, Ethiopia
Heatwave Added Effects: Case Study from Amman-Jordan	Mr. Yazan Al-Wadi	Jordan University of Science and Technology, Jordan
Fine particulate matter air pollution and health implications for Nairobi, Kenya	Dr. Otienoh Oguge	University of Nairobi, Kenya
Relationship between particulate matter (PM2.5) air pollution and emergency hospital visits for chronic respiratory diseases in 24 cities in Peru (2023-2024)	Ms. Luciana Blanco	Universidad Peruana Cayetano Heredia, Peru
Modification of vaccine association with COVID-19 risk of death by altitude of residence in Peru: A Matched Nested Case-Control Study	Ms. Cinthya Vasquez	Universidad Peruana Cayetano Heredia, Peru
Association between PM2.5 and hospital visits for respiratory diseases and impact of vehicular traffic mitigation strategies	Mr. Jose Guillen	Universidad Peruana Cayetano Heredia, Peru
Air Quality and Health Effect in Kampala City, Uganda: Results from 4 years of continuous PM2.5 concentration monitoring using BAM	Dr. Lynn Atyambe	Makerere University School of Public Health, Uganda

1:15 – 2:15 **Research Workforce Diversity in Environmental and Occupation Health in LMICs**
Ms. Nalini Anand, FIC

1:15-1:20 *Introduction*
1:20-1:50 *Breakout Discussions*
1:50-2:15 *Reconvene, report out and discussion*

2:15-2:25 **Break**

2:25-2:55 **Authorship guidelines and equity in global environmental and occupational health research**
Dr. Joshua Rosenthal, FIC

2:55-3:00 **Wrap-up and Adjourn Day 1**

Day 2 - Thursday, May 25 – 8:00am – 3:00pm EDT

7:30-8:00am **Virtual meeting room opens** (please join early to test connectivity)

8:00-8:15am **Day 2 Welcome and Overview**
Dr. Christine Jessup

8:15-9:15 **GEOHealth Trainee/Collaborator Presentations - Session 2** *5 minutes per speaker*

Nationwide prediction of ambient PM2.5 using machine learning at fine spatiotemporal resolution	Dr. Siddhartha Mandal	Centre for Chronic Disease Control, New Delhi, India
Dust storms and PM and the importance of forecasting PM	Mr. Anass Houdou	Mohammed VI University of Sciences and Health of Morocco
Urban Air Pollution in India	Dr. Bhargav Krishna	Centre for Policy Research, New Delhi, India
Advancing heat health actions - translating science to policy	Mr. Abhiyant Tiwari	NRDC India
Presence of health compromising substances in fish-farming ponds and fishes of two districts in Bangladesh	Dr. Evana Akhtar	icddr,b, Bangladesh
Cardiovascular health effects of air pollutants: A longitudinal study in rural Bangladesh	Dr. Muhammad Ashique Haider Chowdhury	University of Chicago and icddr,b, Bangladesh
Effect of solar and geomagnetic activity on pulmonary function and impact of air pollution	Ms. Kritika Anand	Centre for Chronic Disease Control, New Delhi, India
Status of particulate matter (PM2.5) population and its possible health effect in Addis Ababa: results from a time series study	Dr. Abera Kumie	Addis Ababa University, Ethiopia

- 9:15-10:00 **Administrative Session**
- Program Officer Updates**
Dr. Christine Jessup, FIC
- Grants Management Updates**
Ms. Mollie Shea, FIC Grants Management
- 10:00-10:30 **Relevant Funding Opportunities**, including:
Climate Change and Health – Dr. Abee Boyles, NIEHS
Alzheimer’s Research – Dr. Damali Martin, NIA
Women’s Health – Dr. Benjamin Johns, OD/ORWH
Career Development – Dr. Christine Jessup, FIC
- 10:30-11:45 **Concurrent Breakout Sessions**
This time is set aside for concurrent breakout discussions to foster collaboration and discuss common interests, challenges, and solutions related to GEOHealth research activities, training programs, policy-relevance, stakeholder engagement, etc. After the breakouts, participants will reconvene and report on breakout discussions. Meeting attendees may **suggest breakout topics** in advance of the network meeting by emailing Christine Jessup christine.jessup@nih.gov.
- 11:50-12:40 **Lunch Break**
FIC grants manager for the GEOHealth awards will be available to meet with PIs to answer questions about current issues. Email questions to mollie.shea@nih.gov with the subject line “GEOHealth Meeting Grants Question”.
- 12:40-1:55 **The Role of Implementation Science in Environmental Public Health**
Dr. Lindsey Martin, NIEHS
- 1:55-3:00 **Discussion and wrap-up**