

2023 SOPHEA-UoE SCIENTIFIC VIRTUAL WORKSHOP

STRENGTHENING ONE AND PLANETARY HEALTH RESEARCH NETWORK IN EASTERN AFRICA REGION AND BEYOND

Strengthening One and Planetary Health in Eastern Africa ([SOPHEA](#)) Project supported by DAAD
Date: **27th July, 2023** from **3:00 PM to 6:00 PM EAT**

Introduction

Planetary Health is action-orientated and transformative. We need local representatives from our Eastern Africa community who act as an inspiring force and are part of the global community in solving life challenges that we face. But what can planetary health action look like in practice? The SOPHEA Scientific workshop aims at strengthening the research networks within the Eastern Africa region and identifying the national and local needs for research and education. The knowledge distribution and networking are based on inter- and transdisciplinary exchange, innovative teaching formats, as well as transformative research and education with the aim of constantly translating evidence-based knowledge into necessary action. Overall, the SOPHEA project will address several of the sustainable development goals (SDGs): SDG 3 (Good Health), SDG 4 (Education), SDG 13 (Climate Action).

Specific Goals

1. To engage the participants in quick-fire discussions to brainstorm potential areas for research to identify gaps and opportunities in order to strengthen research networks.
2. To discussing the ongoing planetary health and climate change projects with local, national and international partners
3. To identify opportunities for Knowledge Transfer partnerships and further funding opportunities

Outcomes

1. Identify priority research thematic areas of focus.
2. Build Planetary Health and One Health Research working group-for the PHEAH and also involve the Scientific committee members in discussions.
4. Give opportunity for training and capacity building, among female researchers, students (undergraduate & postgraduate) projects and Planetary Health Campus Ambassador (PHCAs) programs through sharing case studies.
5. Strengthen collaboration at national, regional and international research networks.
6. Introduce Planetary Health Education, opportunity to get involved in the review process and dissemination of the PHE toolbox at interested universities.

With the aim of attaining the above outcomes and facilitate appropriate interventions for capacity building of research networks among universities and research institutions, it is critical to develop a comprehensive research group at national and regional level, starting with identified areas to intervene. Thus every region of the country gets integrated with its own characteristics and individualities based on their own needs.

One Health and planetary health are highly complementary fields of scientific inquiry with solid leverage for translation into policy and practice. There is an opportunity to build a stronger research community and transdisciplinary evidence to collectively address pressing public and global health issues in a truly integrated way. Above all, life on Earth is at risk, and our diversity will only make us stronger (de Castañeda, Rafael Luiz & Bolon, 2023).

WORKSHOP PROGRAMME

TIME (EAT)	Programme topic	Speakers/Facilitators
3:00 pm - 3:05 pm	Welcome & Introduction	Ms.Melvine Otieno & Diana Bii (UoE, Kenya)
3:05 pm - 3:10 pm	Planetary Health Eastern Africa Hub (Research Networks)	Ms.Melvine Otieno (UoE, Kenya)
3:10 pm - 3:20 pm	Introduction to SOPHEA Project	Dr. Eva-Maria (JMU, Wurzburg, Germany)
3:20 pm- 3:30 pm	Research projects covered at UoE (Department of Environmental Science) and CUHAS (Public Health)	Dr. Mary Rono (UoE, Kenya) & Dr. Elias Nyanza (CUHAS, Tanzania)
3:30 pm - 3:40 pm	Kenya Project: Urban ecology in green planning and climate change mitigations Tanzania Project: Biodiversity conservation across socio-ecological landscapes	Dr. Shem Mwasi (UoE, Kenya)
3:40 pm - 3:50 pm	AMR and fish genomics, Child Health and Nutrition and COVID-19 projects with East Africa Partners	Dr. Jennifer Cole (RHUL, UK),
3:50 pm -3:55 pm	Child Health projects in Kenya	Dr. Gertrude Were (UoE, Kenya)
3:55 pm - 4:00 pm	Climatic warming & reemergence of Malaria sub Saharan highlands settings: A case of East Africa	Dr. Anthony Kapesa (CUHAS, Tanzania)
4:00 pm - 4:05 pm	Greenhouse gas mitigation of the Kenyan Health care systems	Dr.Iris Blom (LSHTM, UK)
4:05 pm - 4:15 pm	Cancer projects in Africa (case study Ethiopia)	Prof. Eva Kantelhardt (Halle-Wittenberg, Germany)
4:15 pm - 4:25 pm	Aquaculture and Food security	KMFRI Scientist (Kenya)
4:20 pm - 4:30 pm	PHCAs case study project (Kenya & Tanzania)	Leonard Agan (UoE, Kenya), James & Gianna (CUHAS, Tanzania)
4:35 pm - 4:45 pm	Planetary Health Education Toolbox	Dr. Given Moonga (SOPHEA)
4:45 pm -5:00 pm	Break	All participants

BREAK OUT ROOM SESSION

Facilitator, Henrike Kleuser (SOPHEA)

The Approach for breakout rooms

- The participant could briefly explain their key area of research interest under the thematic areas, plus what they ideally want to achieve from the workshop.
- Ask each participant to fill out a “Form” along the way, which will help them record the outcomes of their discussions, and also provided feedback to the SOPHEA team on what ground is covered during the workshop
- Strategies on starting up with Planetary Health and One Health Research working group in Eastern Africa moving forward

TIME (EAT)	Breakout rooms	Convenors
5:00 pm- 5:20 pm	1. Infectious Diseases and NCDs	Nikolaus Mezger (Halle-Wittenberg), Elias Nyanza (SOPHEA)
5:00 pm- 5:20 pm	2. Child Health	Gertrude Were (UoE),Eva-Maria (SOPHEA)
5:00 pm- 5:20 pm	3. One Health (AMR and biodiversity)	Jennifer Cole (RHUL), Diana Bii (SOPHEA)
5:00 pm- 5:20 pm	4. Aquaculture and food security	Agan Leonard (UoE) & Peter Chilipweli (SOPHEA)
5:00 pm- 5:20 pm	5. Nutrition and Agriculture	Vivian Magero (PHEAH) & Given Moonga (SOPHEA)
5:00 pm- 5:20 pm	6. Climate change	Iris Blom (LSHTM), Melvine Otieno (SOPHEA)
5:20 pm- 5:45 pm	Report back and discuss next steps	Henrike Kleuser (SOPHEA)
5:45 pm- 6:00 pm	Final Remarks and announcement	SOPHEA Team