



MAKERERE UNIVERSITY
SCHOOL OF PUBLIC HEALTH



MAKERERE UNIVERSITY
ENVIRONMENTAL HEALTH
STUDENT'S ASSOCIATION
(MUEHSA)



THE
19

th
ANNUAL
SCIENTIFIC
CONFERENCE
2024

CONCEPT NOTE



THE **19**th
ANNUAL
SCIENTIFIC
CONFERENCE
2024



THEME

**BUILDING RESILIENCE IN
A CHANGING WORLD:**

**THE ROLE OF ENVIRONMENTAL HEALTH IN ADDRESSING
CLIMATE CHANGE AND ANTIMICROBIAL RESISTANCE**

DATE: **9th**
APRIL
2024

VENUE: **MAKSPH**
Auditorium

■ **MS. NAMONO
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BACKGROUND

The MUEHSA Scientific Conference is a prestigious event held annually by Makerere University Environmental Health Students' Association.

The conference hosts high-level, evidence-based initiatives and innovations on current environmental and public health challenges, with a majority of participants from low- and middle-income countries. MUEHSA's scientific conference provides promising and established researchers and stakeholders with an opportunity to disseminate their work, share ideas, interact and network with world-renowned academics and policymakers who attend it. The conference therefore contributes to strengthening capacity and professionalism in the discipline of the general public health.

The 19th MUEHSA Annual Scientific Conference will focus on Building resilience in a changing world: The role of Environmental Health in addressing climate change and antimicrobial resistance. This will be held in Kampala, Uganda on the 9th April 2024.

While the conference will target a large number of people (up to 200 participants) who include participants from different disciplines, entities including universities, institutions, NGOs, professional associations, local governments and international organizations, it will continue to be shared via on-time X tweets using the highly rich followed accounts of the association and the school's handles.

This will provide an opportunity to share the discussions to a large number of viewers globally keeping costs and environmental concerns in mind.

CONFERENCE THEMATIC OVERVIEW:



BUILDING RESILIENCE IN A CHANGING WORLD: THE ROLE OF ENVIRONMENTAL HEALTH IN ADDRESSING CLIMATE CHANGE AND ANTIMICROBIAL RESISTANCE.

The theme highlights the critical need to develop strategies for coping with the ever-changing environmental landscape. As climate change continues to impact our planet, it is crucial that we understand the interconnectedness between environmental health, climate change, and antimicrobial resistance.

The choice for the theme is motivated by the following selected observations and data:

1. Climate change is causing an increase in extreme weather events such as heatwaves, floods, droughts, and hurricanes, leading to significant health impacts, including heat stroke, dehydration, respiratory diseases, and mental health issues. Since global temperature records began in 1850, the year of 2023 was the warmest ever recorded. ¹.

2. There is an urgent need to reduce carbon emissions and adapt to the changing

climate to ensure the health and well-being of current and future generations. On the 13th January 2024, residents of Busia district in Uganda and other parts of Kenya harvested black rain water, which was partly expected to contain high levels of carbon and other particulate matter ².

3. The improper use of antimicrobial agents has led to the emergence and spread of antimicrobial-resistant pathogens, which pose a significant threat to public health. The use of ARVs in chicken and pigs food has been a noticed concern in 2023 ³. Over 20% Malaria parasites had validated resistance markers to Artemisinin ⁴.

4. The COVID-19 pandemic has further highlighted the critical role of environmental health in addressing emerging infectious diseases and the need for a One Health approach that recognizes the interconnectedness between humans, animals, and the environment.

1 NOAA National Centers for Environmental Information, "Monthly Global Climate Report for Annual 2023."

2 Daily Monitor, "'Black Rain' Worries Busia, Kenya Locals."

3 Daily Monitor, "Ugandan Farmers Fed ARVs to Animals, Official Reveals."

4 Conrad et al., "Evolution of Partial Resistance to Artemisinins in Malaria Parasites in Uganda."



The theme therefore cuts across disciplines and sectors from which different members can present their views to support system thinking and come up with sustainable solutions that build resilience in the current changing world. conference aims to bring together experts, policymakers, and stakeholders from various disciplines and sectors to discuss the current challenges and opportunities in addressing the adverse effects of climate change on public health.

CONFERENCE SUB-THEMES

1. Climate change and sustainability
2. One health and antimicrobial resistance
3. Environmental pollution
4. Water, Sanitation and Hygiene
5. Waste management
6. Communicable and Non-communicable diseases.
7. Environmental Health training
8. Food hygiene and safety
9. Occupational health and safety
10. Research, technology and innovation
11. Trauma Injury And Disability



OBJECTIVE OF THE CONFERENCE:

To provide a forum for sharing and discussing innovative solutions for environmental health challenges in the face of climate change, antimicrobial resistance, and other emerging issues.

KEY PLAYERS OF ENVIRONMENTAL HEALTH:

1. Community members.
2. Academia
3. Researchers
4. Non-Government Organizations
5. Local government

CONFERENCE ORGANIZATION & STRUCTURE

The conference will be held in one day. The Events will include;

- Dynamic plenary sessions and keynote addresses by well selected leaders in the field.
- Rapid fire sessions of the latest research and innovations related to the theme.
- Questions and Answers to the presenters
- Poster displays and presentations during breaks (Competitively selected).
- Expo with booths from the conference hosts, session organizers and sponsors.
- Networking opportunities during breaks.
- Issuing of digital certificates, signed by the Dean, School of Public Health.

SUBMISSION OF ABSTRACTS

A call for abstracts will be issued to welcome recently conducted work by authors which match the conference theme and sub-themes.

Submitted will be via: <https://forms.gle/qpofkBEtc8NWQnBaA> or using the QR-code:

All submissions will first be critically screened and shortlisted by members of the Academic Secretariate. The Final selection will be made by the Scientific committee which is made up of highly experienced Environmental Health Students, with support of other staff members from the School of Public Health. Authors of the confirmed abstracts will be contacted by e-mail and asked to submit either Power point presentation or Posters for poster presentations.

Registration of all participants wishing to attend the conference will be done via a students'- developed system. The data collected will be used to issue certificates to successful participants who attend the conference till it ends as-well as making quick reports on attendees housed.

<https://forms.gle/qpofkBEtc8NWQnBaA>.





CONFERENCE PUBLICITY

All updates about the conference will be publicized through platforms such as X(Twitter), Facebook and WhatsApp. Well-designed posters and banners with the conference details will also be pinned on conspicuous fences and walls nearing main access roads around School of Public Health, and outside CTF2.

OUTPUTS OF THE CONFERENCE

Conference statement.
Conference report.

BENEFITS OF SUPPORTING AND ATTENDING THIS CONFERENCE

To the students;

1. Learning Opportunities:

Students & delegates gain access to a wealth of knowledge through presentations, workshops, and interactions with experts. This exposure enhances their understanding of current environmental health challenges and solutions.

2. Networking and Mentorship:

The conference provides students & delegates with networking opportunities, allowing them to connect with professionals and potential mentors in the environmental health field. This exposure can lead to valuable guidance and future career opportunities.

3. Research Presentation Platform:

Students & delegates have the chance to present their research findings and projects, gaining valuable experience in communicating their work to a wider audience. This exposure contributes to their academic and professional development.

4. Access to Job Opportunities:

The conference serves as a platform for students & delegates to explore job opportunities and internships within the environmental health sector. Engaging with professionals and organizations can open doors for future employment.

5. Inspiration and Motivation:

Interacting with experts, hearing success stories, and witnessing innovative solutions can inspire and motivate students & delegates to actively contribute to the field of environmental health. The conference serves as a catalyst for their passion and commitment.

6. Certificate of Participation: Students & delegates receive a certificate of participation, recognizing their involvement in the conference. This certificate can be a valuable addition to their academic and professional portfolios.



To the funders and partners;

1. Brand Exposure:

Sponsors gain significant brand exposure through various channels such as conference materials, banners, and online platforms. This exposure enhances their visibility among a diverse audience, including professionals, researchers, and students within the environmental health sector.

2. Networking Opportunities:

Sponsors have exclusive opportunities to network with key players in the environmental health community, including professionals, policymakers, and researchers. This networking can lead to potential collaborations and partnerships.

3. Corporate Social Responsibility (CSR):

Supporting a conference focused on environmental health demonstrates a commitment to CSR. Sponsors align their brand with a cause that is increasingly crucial in today's global landscape, showcasing a dedication to sustainable and responsible business practices.

4. Showcasing Innovations:

Sponsors can showcase their innovative products, services, or initiatives during the conference. This platform allows for direct engagement with attendees, fostering awareness and understanding of the sponsor's contributions to the environmental health field.

5. Access to Talent Pool:

Sponsors gain access to a pool of talented students and professionals attending the conference. This provides an opportunity for recruitment, enabling sponsors to connect with individuals passionate about environmental health.

6. Recognition and Appreciation:

Sponsors receive acknowledgment and appreciation for their support, both during the conference and in post-event materials. This recognition contributes to a positive brand image and strengthens relationships with the environmental health community.

A copy of the available sponsorship packages has been attached to this concept note for your consideration.

HOW TO GET INVOLVED



All partners, individuals, international organizations, NGOs, professional associations, private sector, institutions, universities, etc who would like to join us for the conference can do so by;

1. Sponsoring staffs to attend the conference.
2. Co-funding the conference.
3. Attending the conference in person.
4. Submitting abstracts for presentation during the conference.

CONFERENCE REGISTRATION REQUIREMENTS.

REGISTRATION FEES

	EAST AFRICAN (UGX)	INTERNATIONAL (USD)
STUDENTS	30,000	50
DELEGATES	50,000	100
EXHIBITORS	150,000	120

PAYMENT OPTIONS

	BANK ACC	MTN MOBILE MONEY	AIRTEL MONEY
NUMBER	01351115769029	+256 760 901 897	+256 752 680 235
HOLDERS' NAME	Makerere University Environmental Health Students Association	Annet Namale	Evelyn Nakuya
Bank Name	DFCU Bank		

IMPORTANT DATES



CONFERENCE PARTNERS INCLUDE;





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CONCLUSION

MUEHSA's 19th Annual Scientific Conference promises to be a hub of knowledge exchange, collaboration, and innovation in the field of Environmental Health. We invite all stakeholders to actively participate and contribute to the success of this impactful event. Together, let's build resilience for a healthier and sustainable future.





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