



AFRICAN UNIVERSITIES AND COMMUNITIES CLIMATE WEEK (AUCCW) REPORT, AUGUST 2025

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CHAPTER ONE

INTRODUCTION

The African Universities and Communities Climate Week (AUCCW) is a flagship initiative of the Africa Community of Planetary Partners for Health and Environment (ACOPPHE), conceived as a response to the urgent need for inclusive platforms where academia, policy makers, civil society organizations, local and Indigenous communities jointly address the Triple Planetary Crisis of climate change, biodiversity loss, and pollution using the one health approach.

While the concept was initiated by ACOPPHE as part of its vision to reconnect health and environment in Africa and beyond, starting from the community level, the realization of the inaugural AUCCW was made possible through a strategic partnership with Maasai Mara University (MMaraU). Their institutional commitment, leadership and local convening power were pivotal in bringing this ambitious idea to life and situating it at the heart of the Mau-Mara ecosystem, an emblematic site for climate and biodiversity challenges.

The first AUCCW was hosted in Narok County, Kenya, from 3rd to 9th August 2025 under the theme: **“Uniting for a Healthy Planet for All.”**

A core component of the Week was the HEARTS4C-1 International Scientific Conference, designed to anchor the event in evidence-based research and policy dialogue. HEARTS4C-1 brought together leading scientists, policymakers, practitioners, and youth innovators to share research findings, exchange solutions, and build collaborations at the nexus of health, environment, agriculture, resilience, technology, and society (HEARTS4C). By embedding the conference within AUCCW, the event bridged the gap between scientific knowledge and community-driven action, creating a holistic model for advancing climate and health resilience.

Beyond academia, AUCCW was designed as a movement space, weaving together research, policy dialogue, cultural heritage, youth engagement, and grassroots action. Community-centered activities such as health and wellness camps, tree planting, waste clean-ups, cultural festivals, and the launch of the Mau-Mara-Serengeti One Health Declaration ensured that the week’s deliberations did not remain confined to lecture halls but were embodied in tangible, visible interventions.

In its entirety, AUCCW 2025 was not just a conference but a living laboratory and proof of concept for Africa-led climate and health action. By bridging universities with communities, amplifying indigenous knowledge, and centering youth, AUCCW demonstrated that sustainable solutions for the continent’s future must grow from its own ecosystems, cultures, and people.

OBJECTIVES

The key objectives were:

- To provide a continental platform for dialogue and knowledge exchange on climate, health, and development.
- To bridge academia and communities by translating scientific research into grassroots action.
- To amplify the voices of youth, Indigenous peoples, and marginalized groups in shaping climate and health responses.
- To strengthen partnerships across universities, governments, civil society, and private sector actors for sustained collaboration.
- To launch collective commitments, including the Mau-Mara-Serengeti One Health Declaration, as a roadmap for integrated action.

PILLARS OF AUCCW 2025

AUCCW 2025 was structured around two main, interconnected pillars:

1. **HEARTS4C-1 International Scientific Conference**

A high-level academic platform (Health and Environment in Africa: Research Translations and Solutions for Climate) that convened leading scientists, policymakers, practitioners, and youth innovators. HEARTS4C-1 anchored the Week in evidence-based dialogue, bringing interdisciplinary research to bear on climate governance, resilience, and policy solutions.

Thematic areas; The theme of the Conference was: **‘Uniting for a Healthy Planet for All’** and was anchored on the following sub-themes;

- **(Biodiversity and Animals):** Opportunities and Innovations at the Nexus between Biodiversity, Ecosystem Protection, Plants and Animals
- **(Conservation and Pollution):** Achieving A Comprehensive Transformation through Conservation: Using Nature Based Solutions to Revive Ancient Wisdom and Reverse the Pollution Crisis
- **(Climate):** Climate Action, Education and Financing: Empowering Methods and Mechanisms to Build a Bright Future and Change Climate from Foe to Friend
- **(Children):** Children and Youth as Solutions to the Triple Planetary Crisis
- **(Health):** Health, Food, Water and Clean Energy: Keys to Unlock One Health and Planetary Health, Together with Universal Health Coverage (UHC)
- **(Governance):** Governance, Advocacy and Policy to Accelerate Community-Centered Sustainable Development, Scale Sustainable Economies and Achieve the Sustainable Development Goals
- **(Indigenous/Community/Culture/Language):** Models to Mainstream Stewardship for Climate Resiliency: Traditional Ecological Knowledge (TEK), Indigenous Knowledge Systems (IKS) and Herbal Medicine
- **(Cross-cutting):** Priority will be given to submissions that establish clear ties to our core thematic areas of Health, Environment and/or Climate

2. **Community-Led Climate Engagements**

A vibrant set of activities co-designed with local communities to ensure knowledge translated into tangible impact. These included:

- **Climate Action Walk & Bike Ride** in Narok Town to promote sustainable mobility and public awareness.
- **One Health Camps** delivering free, integrated medical and veterinary services.
- **Tree Planting and Community Clean-ups** to restore degraded ecosystems.
- **Cultural Food Festival** showcasing indigenous diets as sustainable and health-promoting solutions.
- **Workshops** on snakebite awareness, grass taxonomy, and traditional medicine.
- **Community Outreach at Naisoya Primary School**, combining nutrition education, kitchen gardens, and school greening.
- **Launch of the Mau-Mara-Serengeti One Health Declaration**, a cross-border commitment to integrated ecosystem and health action.

Through this dual structure, AUCCW ensured that the discussions held in lecture halls and scientific panels directly translated into visible action in schools, communities, and ecosystems. The week's design embodied the principle that Africa's solutions to climate and health challenges must grow from its own ecosystems, cultures, and people.

THEME: "Uniting for A Healthy Planet for All"

PRE-EVENT PREPARATION

In the months leading up to AUCCW 2025, significant effort went into ensuring that the conference and community activities were well-coordinated, inclusive, and impactful. Preparations were undertaken collaboratively by ACOPPHE, Maasai Mara University, Narok County Government, and partner organizations, each contributing in different capacities.

MOBILISATION

Mobilization targeted universities across Africa, government departments, NGOs, CBOs, indigenous leaders, and local communities.

- Personalized invitations and concept notes were circulated to more than 40 institutions.
- County leaders and grassroots groups were engaged directly to secure local participation.
- Schools, youth groups, and indigenous representatives were prioritized to ensure inclusivity.
- To create visibility, a *Climate Action Walk & Bike Ride* was organized in Narok Town on 3rd August, bringing together over 150 participants from 18 partner organizations. This early activity not only raised awareness but also symbolized AUCCW's community ownership.

PUBLICITY AND MEDIA ANNOUNCEMENT

AUCCW was promoted through diverse channels:

- Posters, email campaigns, WhatsApp networks, and active social media engagement on X, Facebook, and LinkedIn.
- Local FM radio stations broadcast announcements in Maa, ensuring reach to rural communities.
- Media briefs highlighted AUCCW as the first Africa-led platform bridging universities and communities in climate action.

PARTNERSHIP

Partnerships were central to the event's success.

- Government: Narok County Government, Ministry of Health, Veterinary Department, Culture and Sports Department and Ministry of Environment offered technical and logistical support.
- Civil society
- Community organizations: indigenous groups, cultural associations, and local CBOs engaged in exhibitions and grassroots dialogues.
- Private sector: exhibitors showcased innovations in health, food, and climate resilience.

ORGANIZING COMMITTEE

To spearhead organization of the Climate Week and the Conference, a Joint Organizing Committee of 20 members and a joint secretariat from each side was chosen to guide in the discussion. The Team comprised of;

ACOPPHE

1. Dr. Nathan Uchtmann – Executive Director / **Conference Co-Chair**
2. Ms. Nightingale Wakigera – President / **Conference Co-Secretary**
3. Mr. Maison Kipila – Partnership Officer
4. Mr. James Dabalén – Communications Officer / **Conference Secretariat**
5. Ms. Hillary Diana – Communications Officer
6. Ms. Caroline Kawira – ACOPPHE
7. Ms. Lydia Nashipae – ACOPPHE/ENSDA
8. Mr. James Ole Kisierr – ACOPPHE
9. Ms. Naomi Gitau – ACOPPHE
10. Mr. Ezekiel Ketere - ACOPPHE

MMARAU

1. Dr. Aloys Osano – Director, Research, Innovation & Outreach / **Conference Chair**
2. Dr. Ing Jared Ombiro – Coordinator, Innovations Incubation Center / **Conference Secretary**
3. Dr. Samson Mabwoga – Dean, School of Natural Resources, Env't. Studies & Agriculture
4. Dr. Kamundia Waweru – COD, Animal Health Prod. & Chair, Institutional Res. Ethics Committee
5. Dr. Bakari Chaka – Directorate of Research, Innovation & Outreach / **Conference Secretariat**
6. Dr. Simon Macharia – Nursing Department
7. Dr. Orina Grace – Nursing Department
8. Dr. Charity Konana – Department of Environmental Studies, Geography and Planning
9. Dr. David Oduori Obiero – Department of Animal Health Production
10. Dr. Philip Chemelil – Department of Humanities & Public Administration

There were four sub-committees for the conference i.e

- i) Scientific Sub-committee
- ii) Budget and Revenue Mobilization Sub-committee
- iii) Communications, Publicity and Logistics Sub-committee
- iv) Partnerships and Community Engagements Sub-Committee

The Joint Organizing Committee (JOC) was meeting virtually on a weekly basis between January, 2025 to August, 2025. To help implement the climate week and the conference activities, the Committee was assisted by a team of ten dedicated ushers sourced from Kenya Red Cross Society and Maasai Mara University.

CLIMATE WEEK DATES

The Climate Week was held between 3rd to 9th August, 2025. The main Conference was also integrated with the AUCCW activities as follows;

- ❖ Narok Town Cleanup Emotonyi to Maasai Mara University – on Sunday, 3rd August, 2025 sponsored by ACOPPHE, Red Cross Society and Narok County Govt (Office of the County Commissioner)
- ❖ Bike Ride from Emotonyi to Maasai Mara University - on Sunday, 3rd August, 2025 sponsored by ACOPPHE
- ❖ Conference Presentations (Oral, Poster, Keynote sessions) and Round Table Discussions – between Monday, 4th to Thursday, 7th August, 2025
- ❖ Workshop Sessions (Grass Taxonomy, Universal Health Coverage in Kenya, & Snakes Management) - between Monday, 4th to Thursday, 7th August, 2025
- ❖ Innovation Exhibitions – between Monday, 4th to Thursday, 7th August, 2025
- ❖ Focused Group Discussions on Food systems and climate change on Wednesday, 6th August, 2025 in Maasai Mara University facilitated by Africa Population and Humans Research Center (APHRC)
- ❖ One Health Camps – from Sunday, 3rd August, 2025 to Thursday, 7th August, 2025 (in Maasai Mara University and Total Community, Narok Town), on Friday, 8th August, 2025 (at Naisoya, Mau) and on Saturday, 9th August, 2025 (at Mpiro, Naikarra (in Mara)). The Medical Camps was supported by ENAI-Africa, Narok County government department of health and public services, Lions Hospital and KEMRI. The animal camps were supported by Farming Systems Kenya and VetAid International.
- ❖ Cultural Foods Festival – on the afternoon of Wednesday, 6th August, 2025 at the University to be sponsored by Indigenous Livelihoods Empowerment and Partners (ILEPA)
- ❖ Community empowerment programmes and land rehabilitation - on Friday, 8th August, 2025 at Naisoya (Mau) sponsored by ACOPPHE, Mara Elephant, Afya Africa and Men-Involved
- ❖ Indigenous Peoples Celebrations – on Saturday, 9th August, 2025 at Mpiro, Naikarra (in Mara) to be sponsored by ACOPPHE, Johnson and Partners, LLP and World Vision International

SPEAKERS

Guest Speaker



Prof. Patrick Worms
President
European Agroforestry
Federation
CIFOR-ICRAF

The Conference Guest Speaker was Prof Patrick Worms from CIFOR-ICRAF, Belgium.



Patrick Worms, a Cambridge-educated molecular geneticist, serves as the Treasurer of IUAF, the International Union of Agroforestry. In his day job, he represents CIFOR-ICRAF, the Centre for International Forestry Research and World Agroforestry, to policymakers, donors and corporate partners in Brussels and elsewhere in Europe, Africa and Asia. Patrick has been active at the science-policy interface since the late 1980s, with a start teaching biology in the Hindu Kush. As a young European official, he pioneered new ways of using communications to deal with the environmental legacy of communism across the former Soviet Union before leaving for the private sector and engaging with the disastrous environmental legacy of China's Great Leap Forward. There,

he was involved in an effort that became the first large-scale private-sector investment in tree planting for watershed remediation in that country. His career has been varied; amongst the highlights were a role helping ESA, the European Space Agency, develop its Vision for Human Spaceflight; helping the Republic of Georgia defend itself against Russian aggression in 2008; and combating domestic violence in Ukraine. Since 2011, he has ICRAF's Senior Science Policy Advisor. Patrick's interests sit at the nexus of land restoration and human security. Research shows that marrying traditional and advanced agricultural knowledge is the most promising pathway to rural prosperity, a giant help to mitigate our impact on biodiversity and the

atmosphere and, tantalizingly, peace in a warming world. It is striking that almost everywhere on the planet, these advanced traditional management systems included trees, planted or kept or regenerated in landscapes both arable and pastoral. What is really exciting is that science is now elucidating the many marvelous reasons why this form of agriculture, called agroforestry, is the future of farming and forestry. Patrick is President of EURAF, the European Agroforestry Federation; a member of the Steering Committee of International Land Lives Peace, which works at the interface between land degradation and conflicts; a Senior Fellow of the Global Evergreening Alliance; and a member of several advisory boards.

Keynote Speakers

The Conference has attracted the following seven Keynote Speakers;

1		<p>Threatened Plant Diversity of the Western Ghats, India: The Critical Role of Botanists in Its Conservation</p> <p>Prof. Chandrakant B. Salunkhe Krishna Mahavidyalaya, Shivnagar, Rethare (Bk.), Mumbai, India</p>
2		<p>Community Health Units & Universal Health Coverage in Kenya</p> <p>Dr Lanoi J. Parmuat</p> <p>Executive Director, Ewang'an Nadede Advocacy Initiative (ENAI-Africa)</p>
3		<p>Indigenous Peoples and their Livelihoods</p> <p>Dr Kimaren Ole Riamit</p> <p>Executive Director, Indigenous Livelihoods Enhancement Partners (ILEPA)</p>
4		<p>Climate, Policy, Agroforestry and Soil Health</p> <p>Prof Patrick Worms</p> <p>CIFOR-ICRAF, Belgium</p>
5		<p>Exploring the agri-food, energy and water sector nexus: SNV Experience</p> <p>Dr. David Ojwang</p> <p>Sector Leader – Agri-food Systems SNV Kenya and Burundi</p>
6		<p>Technological Development in Monitoring Forest Ecosystems in Kenya</p>

		Dr. Benjamin Kinyili
		Ag. Manager of Forest Survey & information Management – Kenya Forest Service (KFS)
7		Climate and Health in Africa through the Lens of Food and Nutrition
		Dr. Alice Karanja
		Africa Population and Health Research Center (APHRC)
8		Wildlife Crop Selection Preference to Reduce Crop Raiding in Transmara Region
		Abigael Simaloi Pertet
		Coexistence Project Manager - Mara Elephant Project (MEP)
9		Integrating grain amaranth into the interactions between People, Plants, Livestock and Environment (PeoPLE) to move healthcare systems for chronic non-communicable diseases-NCDs from management to curative therapies to unlock community and planetary health in changing climate.
		Prof. Linus Ndonga
		Executive Director – Strategic Poverty Alleviation Systems (SPAS)
10		Traditional Storytelling Session
		Ms. Naini Kararei
		Entito Empunit Creations & Tembo by Jackson
11		From ACS to AUCCW and COH: A Storytelling Session About What Brought Us Together
		Dr Nathan Uchtmann and Maison Kipila
		Africa Community of Planetary Partners for Health and Environment, Kenya

CONCLUSION

African Universities and Communities Climate Week (AUCCW) 2025 was an ACOPPHE flagship event that brought together like-minded partners and individuals to bridge the gap between the academia and communities through research and community led activities within Narok County.

CHAPTER TWO

AUCCW 2025 OPENING EVENT AND HEARTS4C-1 INTERNATIONAL CONFERENCE

CLIMATE ACTION WALK AND BIKE RIDE (Sunday, 3rd August 2025)

The African Universities and Communities Climate Week (AUCCW), officially kicked off Sunday, 3rd August, 2025 with an impactful Street Clean-Up Walk, bringing together passionate partners, students, and community members for a cleaner, greener environment. Participants walked for 7 km, rode bicycles and cleaned up Narok town from Emotonyi Hill to Maasai Mara University. With gloves on and hearts full, participants took to the streets to demonstrate a collective commitment to sustainability, community service, and civic responsibility setting the tone for a week of action, collaboration, and purpose.



Participants engaging in a procession from Emotonyi towards Maasai Mara University while conducting town cleanup alongside a bike ride and assisted with donkeys

The walk culminated to a talk on Community One Health at Maasai Mara University by Dr. Nathan Uchtmann (Conference Co-Chair, ACOPPHE), Dr. Aloys Osano (Conference Chair, MMARAU), and Dr Lanoi J. Parmuat (Executive Director, ENAI-Africa).

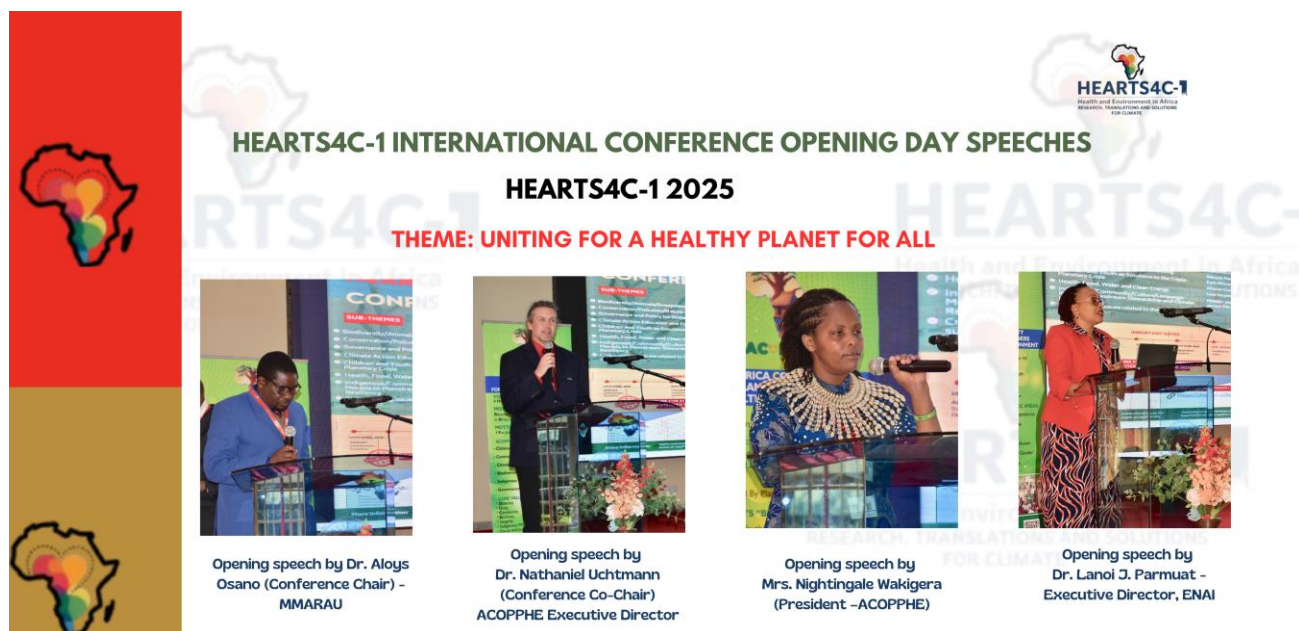
HEARTS4C-1 INTERNATIONAL CONFERENCE OFFICIAL OPENING AND OVERVIEW (Monday, 4th - Thursday, 7th August 2025)

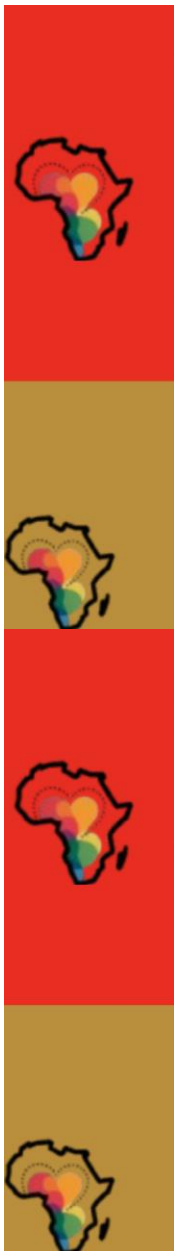
The Conference officially began on Monday, 4th August, 2025. The 2nd day of the Climate Week was an amalgam of ambivalent activities and sessions: Speeches, Oral and Poster Presentations, Keynote addresses, Exhibitions, Workshops, Health camp and tree planting among others.

As it aligns with ACOPPHE's strategic plan and mission, in all major events and in cognizant of climate change, the sessions commenced with ceremonious tree plantings. Tree plantings were done by the conference key guests who set off the day as a symbol of collective effort, unity in sustainability and interconnectedness of ecosystem and global responsibility. The Opening Speeches were delivered in the following order;

- ❖ Dr. Aloys Osano (Conference Chair)
- ❖ Dr. Nathan Uchtmann (Conference Co-Chair)
- ❖ Ms. Nightingale Wakigera (Conference Secretary)
- ❖ Dr. Lanoi J. Parmuat - Executive Director, ENAI-Africa
- ❖ Prof Francis Mburu (Ag DVC – RIO)
- ❖ Prof Godrick Bulitia – DVC – A&SA

All the speakers reiterated the importance of health towards development, sustainability and the ingrained unequivocal role of collaboration in societal transformation and change. The Acting Deputy Vice Chancellor, Research innovation and Outreach Prof. Francis Mburu gave an overview of Maasai Mara University explaining the University's niche and its contribution to achieving a healthy and sustainable environment. These were similar sentiments shared by Dr. Nathan Uchtmann, Conference Co-Chair and ACOPPHE executive Director. The Deputy Vice Chancellor Academics and Student Affairs Prof. Godrick Bulitia conveyed greetings from the Vice Chancellor, emphasizing the role of the conference in fostering collaboration, innovation, and education to achieve better health and environmental outcomes. He underscored the critical role of youth in driving environmental sustainability and welcomed delegates to the University. Narok County was ably represented led by CECM health Antony Namunkuk, Chief Officer, Environment Willy Loigero. The Guest Speaker was Prof Patrick Worms from CIFOR-ICRAF, Belgium. Prof Worms gave an inspiring talk highlighting sustainable innovations and collaborative research in climate resilience and the relationship to one health.





HEARTS4C-1 INTERNATIONAL CONFERENCE OPENING DAY SPEECHES

HEARTS4C-1 2025

THEME: UNITING FOR A HEALTHY PLANET FOR ALL



Opening speech by Prof Francis Mburu (Ag DVC – RIO)



Opening speech by v Prof Godrick Bulitla – DVC – A&SA



Opening speech by Mr. Prof Patrick Worms , Guest Speaker



Opening speech by Ms. Juliet Sankale - Narok County Coordinator, Kenya Red Cross Society



HEARTS4C-1 INTERNATIONAL CONFERENCE OPENING DAY SPEECHES

HEARTS4C-1 2025

THEME: UNITING FOR A HEALTHY PLANET FOR ALL



Opening speech by Mr. Anthony Namunkuk, CEC, Health, Narok County



Opening speech by Mr. Wilson Roigero (CEC, Environment, Narok, County)



The Vice Chancellor, Prof P. Aloo-Obudho made her opening remarks and officially opened the conference on Tuesday, 5th August, 2025. The VC emphasized on the need for collaboration amongst the organizations present in planning and executing joint research programs towards solving community one health challenges.



HEARTS4C-1 INTERNATIONAL CONFERENCE OPENING REMARKS

HEARTS4C-1 2025

THEME: UNITING FOR A HEALTHY PLANET FOR ALL



Maasai Mara University Vice Chancellor, Prof P. Aloo-Obudho delivering her opening remarks during the conference



KEYNOTE ADDRESSES

At least eleven keynote addresses were delivered throughout the conference. All the presenters engaged the audience with powerful conversations on climate resilience, innovation, and inclusivity, led by a distinguished panel of speakers and sector experts.

The sessions were delivered in the following order;

- i) ***Threatened Plant Diversity of the Western Ghats, India: The Critical Role of Botanists in Its Conservation*** – by **Prof Chandrakhant Salunkhe**, Krishna Mahadivyalaya BK Rethare, India. The keynote address focused on one of the World’s vital but threatened biodiversity hotspot i.e. Western Ghats and significant lessons were drawn in parallel to other biodiversities in Africa. The speaker rallied the participants to protect their biodiversity from all possible niches.



- ii) **Community Health Units & Universal Health Coverage in Kenya** – by **Dr Lanoi J. Parmuat**, Executive Director, ENAI-Africa. Dr. Lanoi broke down the complex Universal Health Coverage framework in Kenya system to the level of community participation. The situational analysis of health systems at national and county regions, especially in ASAL regions were also discussed at length.



- iii) **Indigenous Peoples and their livelihoods** – by **Dr Kimaren Ole Riamit**, Executive Director, Indigenous Livelihoods Enhancement Partners (ILEPA). Dr. Ole Riamit contextualized the

plight of indigenous peoples in Kenya. It was observed that indigenous peoples were gradually but consistently losing their identity with westernization and their livelihoods were continuously being encroached. Majority of Indigenous People's livelihoods were under contention from other communities and this had really deprived them of their basic survival.



- iv) **Technological Development in Monitoring Forest Ecosystems in Kenya** – by **Dr. Benjamin Kinyili**, Kenya Forest Service. Dr. Kinyili showcased the various technologies advanced in the realm of forestry in Kenya. The presenter indicated how KFS had invested in forestry technologies including those of mapping as well as wood logging to enhance forest cover in Kenya.



- v) **Climate, Policy, Agroforestry and Soil Health** – by **Prof Patrick Worms**, CIFOR-ICRAF, Belgium. Prof Worms gave the different types of grasslands and their central niche in interlinking food security and biodiversity existence across the world. Policy, governance and finance (especially in land tenure systems) were also determined as critical parameters to regulate grasslands management which was directly attributed to soil health.



- vi) **Exploring the agri-food, energy and water sector nexus: SNV Experience – by Dr. David Ojwang, SNV Kenya and Burundi**



Dr. David Ojwang, representing SNV, offered an insightful presentation themed "Impact That Matters." He shared SNV's mission of mobilising skilled professionals to drive sustainable development across young African nations. His session addressed policy challenges in scaling water technologies and emphasized the urgency of fostering collaboration between government departments, communities, and environmental systems. Notably, Dr. Ojwang introduced peacebuilding as a climate adaptation strategy, advocated for inclusive, multi-stakeholder platforms, and highlighted the importance of rebuilding public trust in government-led environmental efforts.

- vii) **Integrating grain amaranth into the interactions between People, Plants, Livestock and Environment (PeoPLE) to move healthcare systems for chronic non-communicable diseases-NCDs from management to curative therapies to unlock community and planetary health in changing climate – by Prof Linus Ndonga, Strategic Poverty Alleviation Systems-SPAS, Kenya.**



Prof. Linus Ndonga delivered a compelling talk on food security and climate health, illustrating the powerful intersection between environmental sustainability and nutrition. He introduced green (grain) amaranth, a highly resilient indigenous crop with notable health benefits. With its potential to combat chronic illness and boost food sovereignty, Prof. Ndonga called for increased research, awareness, and integration of such traditional foods into climate-smart nutrition strategies.

- viii) **Traditional Story Telling Session** – by **Ms. Naini Kararei**, Entito Empunit Creations & Tembo by Jackson, Kenya



Ms. Naini gave an inspiring address on the role of Storytelling in conservation and preservation of culture and environment. It was observed that traditional story telling is at the core of conservation and passing information from one generation to another. Lesson learnt from the session is that we ought to take care of nature so that it can take care of us.

- ix) **Climate and Health in Africa through the Lens of Food and Nutrition** – by **Dr Alice Karanja**, APHRC, Kenya



Dr. Karanja gave an inspiring address on the role of food and nutrition systems in enhancing community one health. It was observed that food is at the core of public and community health with strong ties to climate change and other affiliate factors.

- x) **Wildlife Crop Selection Preference to Reduce Crop Raiding in Transmara Region – by Ms. Abigaël Simaloi Partet**, Coexistence Project Manager - Mara Elephant Project (MEP).



The Keynote presentation on Wildlife Crop Selection Preference to Reduce Crop Raiding in the Transmara Region of Kenya highlighted the pressing challenge of human-wildlife conflict, where farmers lose up to 40% of their income due to crop raiding, particularly by hippos, elephants, and vervet monkeys. Using the Mara Elephant Project's "Monitor, Evaluate, Protect" approach, the study examined crop damage patterns and tested whether crop selection could serve as a sustainable mitigation strategy. Findings revealed that essential oil crops such as rosemary, lavender, and eucalyptus experienced significantly lower levels of wildlife damage compared to staple crops like maize, spinach, and sweet potatoes. These results suggest that strategic crop selection can not only reduce wildlife-induced losses but also strengthen farming systems, promote biodiversity-friendly practices, and enhance community resilience in conflict-prone landscapes.

- xi) **From ACS to AUCCW and COH: A Storytelling Session About What Brought Us Together – by Dr Nathaniel Uchtmann and Maison Kipila**, ACOPPHE, Kenya



The speakers gave a chronological event of how the conference and climate week came into being. Key milestones and features were highlighted as having brought several of the crucial parties involved in the conference and climate week together.

ORAL AND POSTER PRESENTATIONS

At least **95** participants from five countries: **Kenya, Burundi, Nigeria, Russia, USA and Lesotho** participated in oral and poster presentations. At least **87** of the presentations were done in-person while **8** were delivered virtually. The presentations were done across eight sub-themes in the realm of community one health between the afternoon of Monday, 4th August to Wednesday, 6th August, 2025 at four breakout rooms (University School of Arts and School of Business and Economics Postgraduate rooms). Participants engaged in presentations, discussions, and knowledge exchange on the conference thematic issues. The elated faces depicted satisfaction setting the stage for impactful dialogue and action, reaffirming the partners commitment to being a hub for seeking redress to global challenges. The Session Chairs led by Dr. Samson Mabwoga, Dr. Nathaniel Uchtmann, Dr. Ing Jared Ombiro, Dr. Charity Konana, Ms. Caroline Kawira, Ms. Naomi Wanjiku, Dr. Alice Karanja and Dr. Bakari Chaka worked smoothly and flexibly with the session moderators and rapporteurs to ensure all the sessions were seamlessly managed.





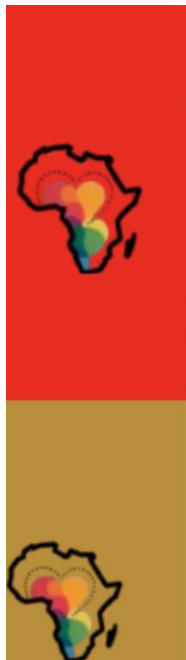
WORKSHOP SESSIONS

The workshop embraced workshop sessions to compliment the presentations given in light of building capacity on community one health across different frontiers to the participants and the local community. Three workshop sessions were undertaken by the participants as follows;

1) Grass Taxonomy Workshop

The training was facilitated by Prof Salunkhe Chandrakant, the Vice Chancellor, Krishna Mahadivya Rethare BK University College, Mumbai, India as well as Dr. Dominic Menge. The training focused on a comprehensive and hands-on review of grasslands with a key focus on the Maasai Mara grasslands. The Maasai Mara grassland ecosystem is a globally significant biodiversity hotspot, renowned for its vast grasslands, rich wildlife, and the seasonal migration of herbivores. However, increasing anthropogenic pressures, climate change, and habitat degradation threaten the ecological integrity of these grasslands. The hands-on training adopted an interdisciplinary approach, combining ecological surveys with participatory community engagement. Field surveys that included grass diversity assessments, while community

participation was done with Maasai pastoralists and other stakeholders to incorporate traditional ecological knowledge on Thursday, 7th August, 2025.



GRASS TAXONOMY WORKSHOP



2) Snakes Management Training

The session was facilitated by Mr. Jamlick Lepaa, a snake expert at Maasai Mara University and Baringo Snakes Park. Mr. Lepaa emphasized on snakes role in the ecosystem. It was observed that snakes play a critical role in regulating the biodiversity by reducing rodents populations which would otherwise lead to zoonotic diseases. Snake bites fall under the neglected tropical diseases. The session brought together biology, ecology and biodiversity value of snakes directly into perspective while motivating the community health promoters to learn about the ecosystem that we are intrinsically part of and by raising awareness, they can build public support for policies that protect both snakes and people to create coexistence to reduce human snake conflict.

HEARTS4C-1
Health and Environment in Africa
STRATEGIC INTERVENTIONS AND SOLUTIONS FOR CLIMATE

SNAKE MANAGEMENT WORKSHOP

Mr. Jamlick Lepaa
Jamlick Lepaa is a trained snake safety educator with expertise in snake identification, safe handling, and first aid. He will lead the snake management session at the HEARTS4CLIMATE Conference, equipping participants with essential life-saving knowledge and skills.

Learn, Unlearn, Relearn, and Have Fun!

- Snake Identification
- Awareness and priority handling techniques
- Basic first aid for snakebites

August 06th

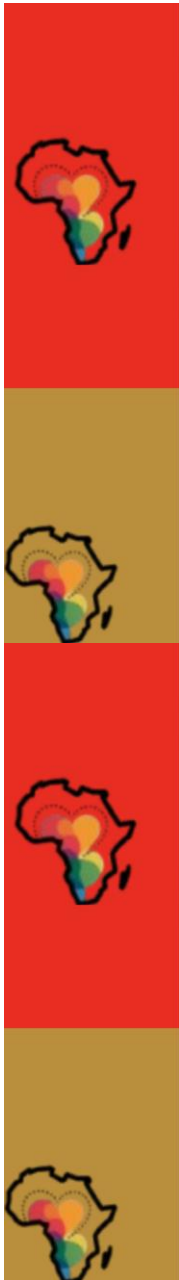
REGISTER NOW

hearts4climate@mmarau.ac.ke/
hearts4climate@acopphe.org

3) Focused Group Discussion on Food Systems and Climate Change

The discussions were facilitated by Dr. Alice Karanja, Ms. Alice Ritho, Ms. Fellister Mwali and Ms. Ethser Anono from Africa Populations and Humans Research Center (APHRC). The discussions provided a platform for stakeholders to learn about the interconnections between food security and climate change, while exploring climate-resilient food system strategies, shared knowledge, and collaborations to develop and implement solutions. The discussions also focused on topics like climate-smart agriculture, reducing food loss and waste through circular economy approaches, empowering youth as agents of change, and influencing policy to promote sustainable food systems.

FOCUSED GROUP DISCUSSION ON FOOD SYSTEMS AND CLIMATE CHANGE



ROUND TABLE DISCUSSION (PANEL)

There were two round table discussions made;

i) Traditional Healers Round Table Discussion Session

The traditional healers session was moderated by Ms. Fadzai Mastvimbo from Birdlife Africa. The round table discussions included: Mr. Vincent Onyango (Birdlife Africa), Mzee Samingo Ololtua (Indigenous Information Network), Mr. Githu wa Mbaria (The Big Conservation Lie author and a Conservation Journalist), Prof Linus Ndonga (SPAS), Mr. Bursuna Ejere (MMaraU) and Prof Wycliffe Wanzala (MMaraU). The discussions emphasized that traditional healers are also conservationists. Without caring for the environment and protecting medicinal plants, ethnomedicine cannot thrive. Traditional healers embody the One Health approach, promoting the health of people, animals, and the environment through their deep-rooted knowledge and practices. As Prof. Wycliffe Wanzala rightly emphasized: “Traditional healers are not witches. They are life savers. We should participate in advocating for their protection by law and policies.” Let’s honour and preserve indigenous knowledge in our shared fight for a healthier planet.



ii) Traditional Midwifery Roundtable Discussion Session

The Traditional Midwifery Panel Discussion was moderated by Ms. Nightingale Wakigera (president, ACOPPHE). The panelists included: Ms. Normeiseer Meikuaya (Enkaitoyioni), Ms. Chesongoi Leiyasi (Enkaitoyioni), Ms. Nairoshi Kiok (Enkaitoyioni), Ms. Halima Abdikadir (Indigenous Information Network), Mr. Meikuaya Nagiyoi (ILEPA) and Mr. Joseph Mbelati (ILEPA). From the session, it was observed that traditional midwives are more than birth attendants — they are healers, herbalists, caregivers, and community protectors. They walk with mothers through the entire journey of pregnancy and birth, offering herbal support, wisdom, and care rooted in generations of indigenous knowledge. Traditional midwives are closely linked to traditional healers, often using medicinal herbs to ensure the health of both mother and child. Their knowledge, though often undervalued, is vital and deserves recognition, respect, and preservation. They are a cornerstone of maternal and newborn health in many African communities. Let’s elevate their voices and protect their place in health systems.



CHAPTER THREE

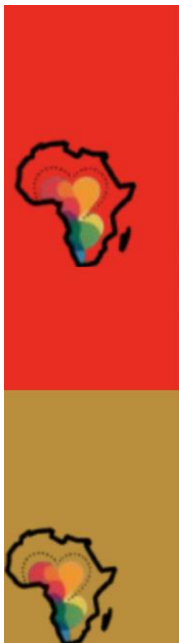
INTRODUCTION

African Universities and Communities Climate Week (AUCCW) 2025 recognizes that meaningful climate action extends beyond formal plenary discussions and academic exchanges. In this chapter we highlight the dynamic exhibitions, side events, and community engagements that created spaces for innovation, collaboration, and dialogue throughout the week. These activities provided a platform for universities, civil society, businesses, and local communities to showcase practical solutions, share lived experiences, and demonstrate grassroots innovations in climate resilience and sustainability. Exhibitions offered participants hands-on interactions with cutting-edge technologies, indigenous knowledge systems, and youth-led climate initiatives, while side events deepened thematic conversations on critical issues such as community one health, cultural food celebrations, and inclusive participation. Community engagements further bridged the gap between policy, research, and practice by anchoring climate conversations in the realities of everyday people. Together, these diverse activities not only enriched AUCCW's outcomes but also underscored the importance of participatory approaches in advancing Africa's climate agenda.

EXHIBITIONS



The exhibition sessions, moderated by **Ms. AbbyChristine Njeri Murage**, University Innovation Officer, provided a vibrant platform for knowledge exchange and innovation in the realm of Community One Health. At least eight exhibitions were showcased, bringing together diverse actors from indigenous communities, research institutions, civil society, and technology innovators. Exhibitors included **Olosho Ethnobotany CBO** in partnership with **ACOPPHE**, presenting a Traditional Herbarium that is part of ACOPPHE's ongoing collaboration with schools in Kiambu and Narok to document, preserve, and promote indigenous plant knowledge for health, nutrition, and environmental sustainability. The **African Population and Health Research Center (APHRC)** exhibited its **Visibilize4ClimateAction in East Africa Project**, which highlights the impacts of climate change on nutrition and mental health among vulnerable populations in East African drylands, aiming to catalyze climate action at scale. Other showcases featured the **Ogiek Peoples Development Programme (OPDP)** with indigenous vegetables and honey, **Vesatech Scientific Equipment**, **Nature Detour Natural Products and Spices**, **Materfeto** (maternal and fetal technological systems), **Techbin** (medical waste management solutions), and the **Kenya Water Institute (KEWI)** with smart toilet technologies for persons with disabilities. In addition, the **Indigenous Information Network (IIN)**, **Mara Elephant Project (MEP)**, the **Red Cross**, and **ACCECIR** with its **Planet Protect Portal** and **Wisdom Vault systems** demonstrated diverse approaches to strengthening climate resilience, community health, and sustainable development.



AUCCW 2025 EXHIBITIONS



Collectively, the exhibitions underscored AUCCW's commitment to fostering practical, inclusive, and locally rooted innovations that bridge science, technology, and indigenous knowledge in addressing climate challenges.

SIDE EVENTS

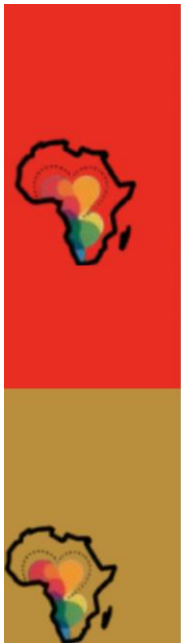
Alongside the exhibitions, AUCCW featured a series of side events designed to foster interaction, knowledge sharing, and cultural exchange among participants. These activities provided practical demonstrations of climate action in everyday contexts, while highlighting the role of communities and traditions in advancing resilience. The side events included the Community One Health Camp and the Cultural Food Festival, offering participants unique opportunities to engage with climate solutions from health and cultural perspectives.

1. COMMUNITY ONE HEALTH CAMPS

One of the most impactful components of AUCCW was the Community One Health Camps, which brought together diverse stakeholders to provide integrated human and animal health services. The human health camps, led by ENAI-Africa in partnership with Lions Hospital, the Narok County Department of Health and Public Services, and KEMRI, were conducted at Maasai Mara University on 4th and 5th August 2025, serving a total of **251** clients. The camps then extended to the Total area in Narok Township on 6th and 7th August 2025, where both community members and conference participants benefited from a wide range of services, including SHA registration by the health department. Complementing this effort, animal health camps were held at Naisoya Primary School and Empiro Primary School, Naikarra, on 8th and 9th August 2025.

Regions	Donkeys	Dogs	Cats
Naisoya (Narok North)	86	44	5
Naikara (Narok West)	54	59	13
Total	140	103	18

These were organized by Farming System Kenya, which provided treatment for donkeys, dogs, and cats, while VetAid International administered rabies vaccines throughout the week in Naikarra, Narok West. At Naisoya, 86 donkeys, 44 dogs, and 5 cats were treated, while at Naikarra, 54 donkeys, 59 dogs, and 13 cats received veterinary care.



COMMUNITY ONE HEALTH CAMP HUMANS



COMMUNITY ONE HEALTH CAMP



ANIMALS

H
Heal
RESEA

Together, the human and animal health interventions reflected the One Health approach in action, demonstrating how collaborative, cross-sectoral responses can improve well-being, strengthen resilience, and directly benefit both communities and ecosystems.

2. CULTURAL FOOD CELEBRATIONS

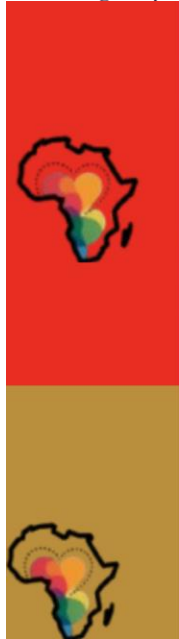
CULTURAL FOOD CELEBRATIONS



H
Heal
RESEA

On the afternoon of Wednesday, 6th August 2025, the **Indigenous Livelihoods Enhancement Partners (ILEPA)** hosted a Cultural Food Celebration that showcased the rich heritage of the Maasai people while embedding the One Health approach into conversations on sustainability and climate action. The event underscored indigenous food systems as central to cultural identity, human nutrition, animal welfare, and environmental stewardship. Participants engaged with interactive food stations featuring authentic Maasai staples such as *Imotorik* (soup), different cuts of meat from organically raised livestock (*Isureeni*, *Munono*, *Orpurda*, *Ironkena*, and *Inkiri Naapajo*; roasted meat), and varieties of maize flour (*Orketuutu*

and *Madida*). These foods reflected the nutritional value and safety benefits of traditional diets while also demonstrating sustainable livestock practices that prioritize animal health. Beyond the cuisine, music, dance, storytelling, and cultural displays brought indigenous knowledge to life, while documentaries highlighted how traditional food systems conserve biodiversity, promote climate-resilient crops, and strengthen community well-being. The celebration was not merely a culinary experience but a living archive of indigenous wisdom; demonstrating how interconnected human, animal, and environmental health within food systems can inform sustainable practices, fortify community resilience, and contribute meaningfully to climate action.



CULTURAL FOOD CELEBRATIONS



Maasai Expert Food Educators (Olangeni) mixing soup made with herbs - Wednesday 6th August 2025



Maasai Elders preparing traditional roasted mea (Inkiri naapajo) - Wednesday 6th August 2025



CULTURAL DANCE CELEBRATIONS



*Maa cultural dance
Maa Cultural
Chief, Mr. Daniel
Ole Kipilosh with
ACOPPHE
Executive Director
(Dr. Nathaniel
Uchtmann)
dancing to the
Maasai tunes -
Wednesday 6th
August 2025*



COMMUNITY ENGAGEMENTS

1. LAND REHABILITATION AND FOREST WALK

In alignment with the climate week's overarching theme, AUCCW placed strong emphasis on community-driven environmental restoration. Delegates and local community members actively participated in tree planting exercises at the Mau Forest and in nearby schools, reinforcing the shared commitment to land rehabilitation and ecosystem recovery. The initiative was jointly facilitated by **ACOPPHE, Mara Elephant Project, Afya Africa, Men-Involved, Maasai Mara University, and Naisoya Primary School**, ensuring a broad base of collaboration.






LAND REHABILITATION AND FOREST WALK








a) Team bonding activity before the forest walk and land rehabilitation








c) Indigenous trees seedballs, Mau forest - Friday 8th August 2025





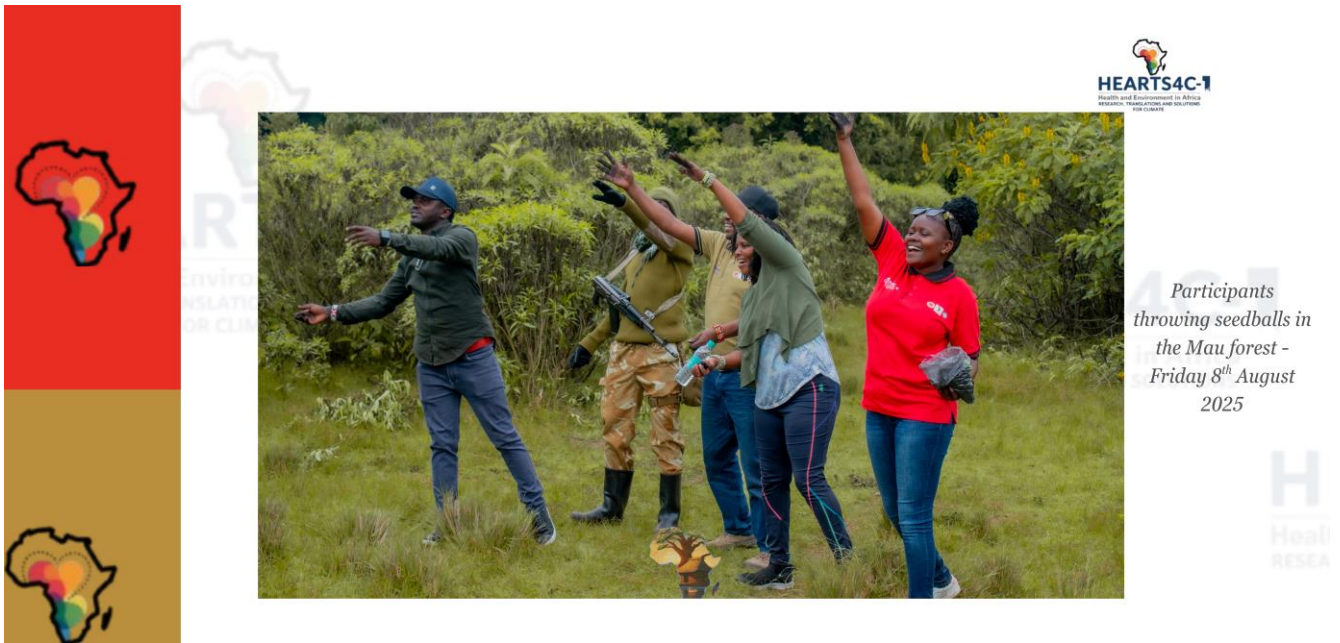



b) Forest walk, Mau forest - Friday 8th August 2025



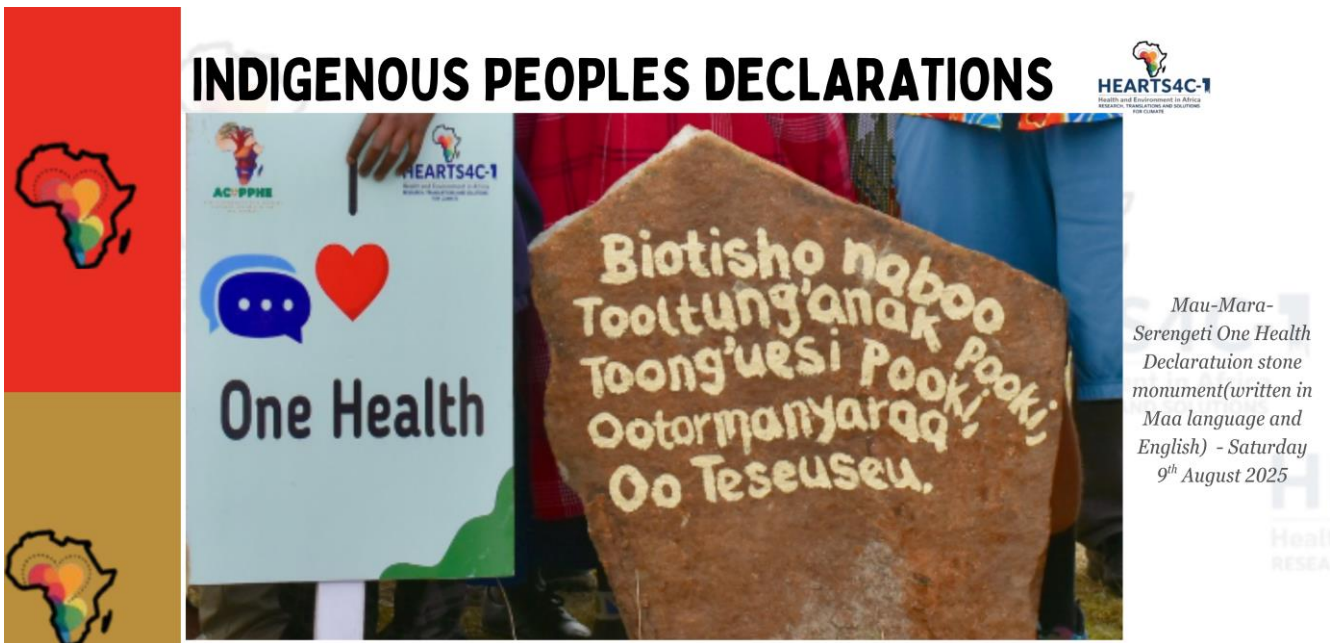


A highlight of the engagement was the 3-kilometer forest walk, organized by the **ACOPPHE and Mara Elephant Project**, which combined physical activity with environmental advocacy. During the walk, participants supported land rehabilitation through the use of innovative tree seed balls, designed to promote the planting and germination of indigenous trees.



Beyond restoration, the forest walk carried an important message: protecting elephants by safeguarding their habitats, thereby reducing the risks of human–wildlife conflict. This community engagement underscored the importance of collective action in sustaining biodiversity, restoring degraded landscapes, and fostering peaceful coexistence between people and wildlife.

2. INDIGENOUS PEOPLES DECLARATIONS

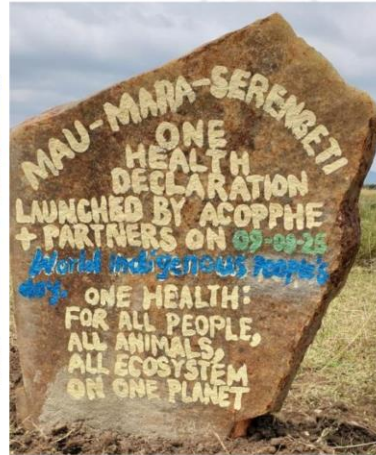


The climate week concluded on 9th August 2025 with celebrations of the World Indigenous Peoples Day at **Mpiro Primary School, Naikarra, Narok West Sub-County**. Facilitated by **ACOPPHE**, and **Maasai Mara University**, the final day was marked by the reading of the Indigenous Peoples Declaration, which encapsulated the collective commitments, insights, and action points agreed upon during the seven-day climate week.

INDIGENOUS PEOPLES DECLARATIONS



Mr. Daniel Ole Kipilosh, the Maa Cultural Chief planting an olive tree which has cultural significance to the Maasai Community - Saturday 9th August 2025



Mau-Mara-Serengeti One Health Declaration stone monument (written in English) - Saturday 9th August 2025

INDIGENOUS PEOPLES DECLARATIONS



Indigenous Peoples Declarations - Saturday 9th August 2025

The event combined cultural pride with climate action, as delegates and community members participated in ceremonious tree planting before the declaration was read in English, Swahili, and Maasai by stakeholders present.



CHAPTER FOUR

The African Universities and Communities Climate Week (AUCCW) 2025 produced significant outputs and outcomes that will continue to shape research, policy, and community action around the Community One Health agenda.

KEY OUTPUTS

The following tangible outputs were documented during the week:

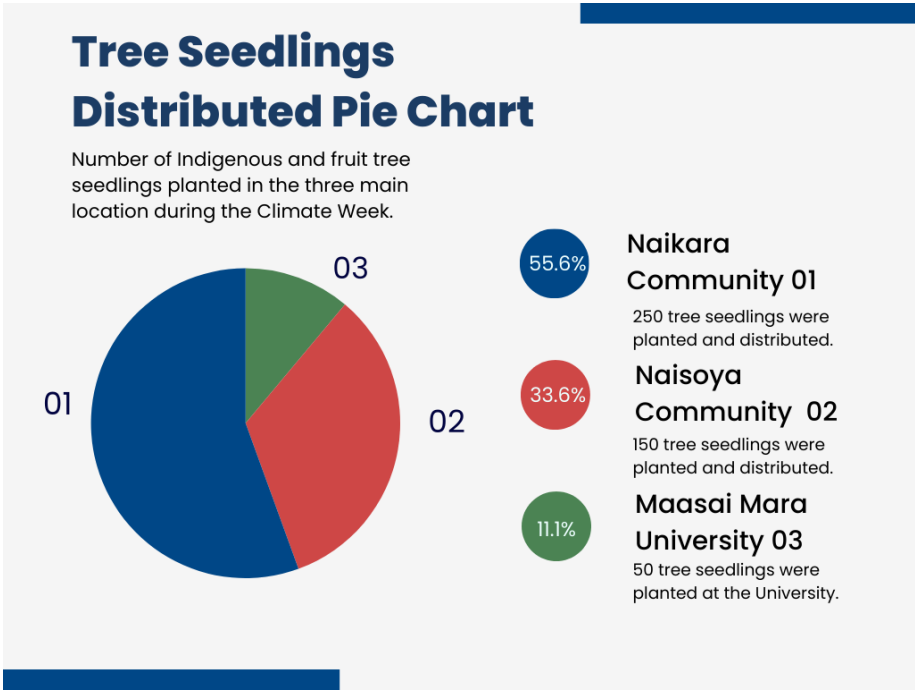
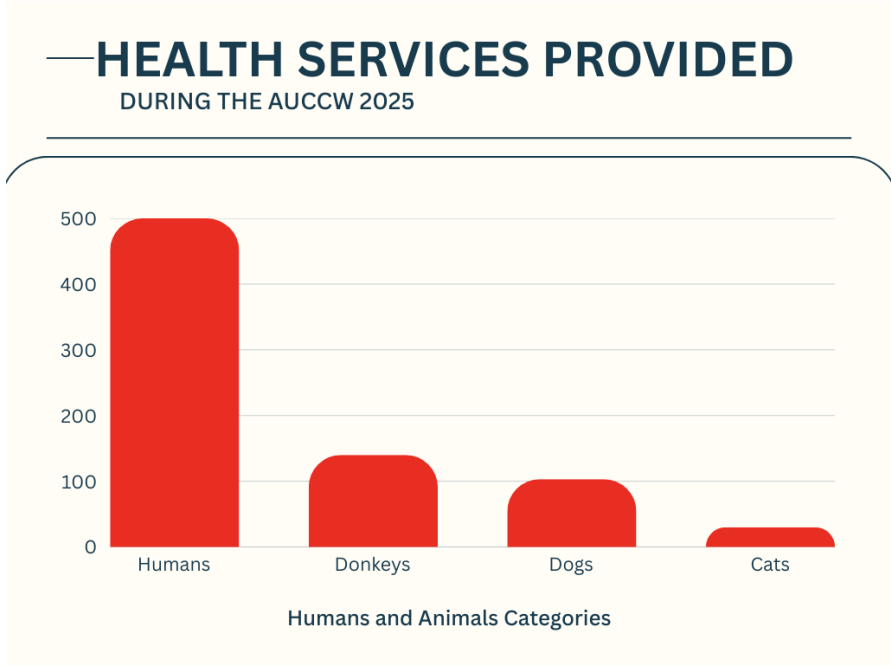
- ✓ Conference Book of Abstracts produced in both online and print formats, ensuring broad accessibility of scholarly contributions.
- ✓ Conference Proceedings compiled in an online version, capturing key presentations, discussions, and recommendations.
- ✓ Indigenous Peoples Declaration, delivered in three languages; English, Swahili, and Maasai; affirming collective commitments to climate action and indigenous rights.
- ✓ Tree planting initiatives, with 500 seedlings planted at Maasai Mara University and in two primary schools, Naisuya and Mpiro, Narok County, Kenya.
- ✓ A draft Terms of Engagement developed between Maasai Mara University (MMARAU) and ACOPPHE to guide future collaboration.
- ✓ Provision of healthcare services, 500 patients treated and a number referred for further medical attention.
- ✓ Delivery of animal healthcare, where at least 140 donkeys, 103 dogs, and 18 cats were treated, including rabies vaccinations.

KEY OUTCOMES

Beyond tangible deliverables, AUCCW 2025 generated transformative outcomes:

- ✓ Global Research Connections – The conference successfully linked more than 200 researchers across diverse disciplines worldwide, advancing the core principle of the Community One Health (COH) to foster interdisciplinary collaboration.
- ✓ Capacity Building – Participants gained enhanced knowledge and skills across multiple interdisciplinary research fields relevant to Community One Health.
- ✓ Mentorship – Global researchers provided mentorship to community members and early-career participants, fostering intergenerational knowledge exchange.
- ✓ Shared Research and Training Networks – Collaborative networks for ongoing research and training were initiated, expanding the scope of cross-sectoral learning.
- ✓ Strengthened Cultural Ties – The Cultural Food Celebrations, Traditional Healers and Traditional Birth Attendants panel discussions deepened appreciation for indigenous food systems, and Indigenous community health reinforcing the role of culture in climate resilience.
- ✓ Inclusion of Indigenous Peoples – Indigenous communities were formally recognized and integrated into the COH, ensuring their voices and knowledge systems are central to climate action.

Together, these outputs and outcomes reflect the success of AUCCW 2025 not only in producing knowledge and practical interventions but also in fostering inclusive, cross-disciplinary, and community-centered approaches to addressing climate change and promoting sustainable development.



CHAPTER FIVE

Introduction

The African Universities and Communities Climate Week (AUCCW) 2025 and the 1st HEARTS4Climate International Conference provided a transformative platform for advancing the Community One Health agenda. Through exhibitions, side events, cultural celebrations, and community engagements, the week highlighted the power of inclusive partnerships, Indigenous knowledge systems, and interdisciplinary collaboration in addressing the triple planetary crisis of climate change, biodiversity loss, and environmental degradation.

Strengthening Partnerships and Youth Inclusion

It was noted that there is need to reinforce the existing Narok County One Health group with more participation from the new partners who joined through AUCCW and the HEARTS4Climate Conference. This expanded coalition will be critical for sustaining momentum and translating insights into long-term action.

Equally, the role of children and schools emerged as a vital element of Community One Health. At Naisoya Primary School, students actively participated in land rehabilitation and conservation activities, illustrating how youth can champion ecological stewardship. Future conferences and climate weeks will therefore seek to provide greater space for school-going children to learn, share, and innovate within the climate and health agenda.

Challenges Encountered

While AUCCW 2025 was largely successful, several challenges were noted that offer lessons for improvement:

1. **Community Mobilization** – Attendance at health camps was affected by limited mobilization at the grassroots level.
2. **Delays in Signing the Terms of Engagement (ToE)** – Slowed down some collaborative processes.
3. **Transport Logistics** – Difficulties in coordinating movement during community activities hampered smooth participation.
4. **Inadequate Merchandise** – Insufficient conference materials limited visibility and participant engagement. There is a need of joint resource mobilization by all partners.
5. **Restricted Gala Dinner** – The event was only accessible to a section of participants, reducing inclusivity.
6. **Workshop Gaps** – Some facilitators were unable to attend as scheduled, affecting the program's flow.
7. We acknowledge the Importance of including relevant departments of the University for delegation of duties as well as maximum cooperation. This also brings diversity and unity.

Way Forward

To build on the lessons of AUCCW 2025, the following priorities were identified:

1. Strengthening **local coordination structures** such as the Narok County One Health group.
2. Expanding youth and school participation in all future conferences and climate weeks.
3. Improving **logistical planning and mobilization** for greater community reach and inclusivity.
4. Ensuring **timely agreements and documentation** for smoother partnerships.
5. Enhancing **resource mobilization** to provide adequate merchandise, materials, and social activities.

In conclusion, AUCCW 2025 demonstrated that sustainable solutions emerge when **academia, communities, policymakers, and Indigenous peoples act together**. By learning from challenges and reinforcing inclusive participation, the conference laid a strong foundation for a more resilient, culturally grounded, and collaborative climate future.

AKNOWLEDGMENTS

Special appreciation goes to our core partners and collaborators and many other local and international organizations who played a vital role in implementing the various activities of the week.



Above all, we thank the community members, indigenous peoples, students, and researchers who actively participated, shared their knowledge, and made AUCCW 2025 a living example of collaboration across disciplines, cultures, and generations. Their voices, wisdom, and energy continue to inspire the vision of Community One Health and the collective pursuit of climate resilience and sustainable development.

APPENDICES

APPENDIX 1: PROGRAM

THE AFRICAN UNIVERSITIES AND COMMUNITIES CLIMATE WEEK (AUCCW), 2025

Conference Programme

3rd – 9th August, 2025; Maasai Mara University, Narok, Kenya

Sunday, 3rd August, 2025

Time	Activity	Venue	Facilitator
9.00 am -	Participants Arrival to Hotel venues	Booked Hotels	MMaraU
11.00 am - 2.00 pm	Bike Ride to Advocate for Climate Action & Community One Health	Motonyi to Narok	ACOPPHE/ENAI-Africa/Narok County Govt
11.00 am - 2.00 pm	Narok Town Cleanup	Motonyi to Narok	ACOPPHE/ENAI-Africa/Narok County/Red Cross Society, Narok/MMaraU/FSK
10.00 am - 4.00 pm	Health Camps	MMarau Field	ENAI-Africa/Narok County Govt Dept. of Health and Public Services /Lions Hosp/KEMRI

Monday, 4th August, 2025

Time	Activity	Venue	Facilitator
9.00 am - 4.00 pm	Health Camp	MMaraU Field	ENAI-Africa/Narok County Govt Dept. of Health and Public Services/KEMRI
9.00 am - 4.00 pm	Innovations Exhibitions	MMaraU	MMaraU
Time	Activity	Venue - MMaraU Conference Hall	Facilitator
8.00 - 9.00 am	Registration		Secretariat
9.00 - 9.30 am	Introductions, Prayers		Dr Ing Jared Ombiro (Conf Secretary)

9.30 – 9.50 am	Courtesy Calls, Tree planting		Prof Francis Mburu – Ag DVC -RIO
9.50 – 10.20 am	Tea break & Assembling in the Conference Hall	Senate Boardroom	Dr Bakari Chaka (Conf Secretariat)
10.20 am – 12.10 pm	Delegates speeches		Dr. Aloys Osano (Conference Chair)
10.20 – 10.30 am	<ul style="list-style-type: none"> • Dr. Aloys Osano (Conference Chair) 		
10.30 – 10.40 am	<ul style="list-style-type: none"> • Ms. Nightingale Wakigera (Conference Secretary) 		
10.40 – 10.50 am	<ul style="list-style-type: none"> • Dr. Nathan Uchtmann (Conference Co-Chair) 		
10.50 – 11.00 am	<ul style="list-style-type: none"> • Dr. Lanoi J. Parmuat – Executive Director, ENAI-Africa 		
11.00 – 11.10 am	<ul style="list-style-type: none"> • Prof Godrick Bulitia – DVC – A&SA 		
11.10 – 11.20 am	<ul style="list-style-type: none"> • Prof Francis Mburu – Ag DVC -RIO 		
11.20 – 11.35 am	<ul style="list-style-type: none"> • Prof P. Aloo-Obudho – Vice Chancellor 		
11.35 – 11.50 am	<ul style="list-style-type: none"> • Dr. Kennedy Ole Kerei – Council Chair 		
11.50 – 12.10 pm	Nexus between grasslands, agroforestry, water and finance		
12.10 – 12.50 pm (Keynote Address 1 40 minutes)	Threatened Plant Diversity of the Western Ghats, India: The Critical Role of Botanists in Its Conservation		Prof Chandrakhant Salunkhe, Principal, Krishna Mahavidyalaya, Rethare Bk, India
12.50 – 1.00 pm	Group photos		Marketing Dept
1.00 – 2.00 pm	Lunch break	Senate Boardroom	Secretariat
2.00 – 4.00 pm	Workshop Session 1 – Grass Taxonomy	Conference Hall & Biology Lab	Prof Salunkhe Chandrakhant & Dr. Dominic Menge
2.00 – 4.50 pm	Session 1 Presentations	Session Chair: Dr. Ing Jared Ombiro	

(170 minutes)			
	Venue 1: Sch. Arts PGR-1 SB1-Conservation & Biodiversity Moderator: Dr. Patrick Kamundia	Venue 2: Sch. Bus & Econ PGR-1 SB-1Conservation & Biodiversity Moderator: Dr. Alice Ritho	Venue 3: Sch. Bus & Econ PGR-2 SB-5Children & Youth in the Triple Planetary Crisis Moderator: Naomi Gitau
	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)
2.00 – 2.20 pm	Evaluation of the effectiveness of Bromecure® in controlling helminthiosis and coccidiosis, and its impact on gut health in SEA goats under intensive production systems Christopher Koyan Odinga ¹ , Kamundia Waweru ¹ , John Kagira ² , Isaac Osuga ² , Naomi Maina ² MMaraU ¹ & JKUAT ² , Kenya	Biodiversity and Animals: Opportunities and Innovations in the nexus between ecosystem protection, plants and animals Ikalangure Anjela Kenya Institute of Primate Research, Kenya	Reviving Indigenous Conservation Ethics through Social Work Practice in Environmental Restoration of South Mugirango's Soapstone Quarrying Sites Orucho Justine Amadi, Zeddy Lemein, Ann Silon, Jane Nampaso MMaraU, Kenya
2.20 – 2.40 pm	Seasonal Variation in Transpiration and Stomatal Conductance of Three Savanna Tree Species in Ruma National Park, Kenya Wycliff Oronyi Jaramogi Oginga Odinga University of Science & Technology, JOUST, Kenya	Sustainable Animal Health and Livestock Management as Tools for Biodiversity Conservation and Ecosystem Protection in Kenya's Wildlife-Livestock Interface Dorine Gekondo Nyakundi University of Eldoret, Kenya	'Policies of Government for Achieving DSGS2 (Zero Hunger) in Sokoto State: A Study of Gidan Madi Local Government Area' Salim Abubakar Federal College of Education Gidan Madi Sokoto State, Nigeria
2.40 – 3.00 pm	Termite Diversity and Decomposition Role in Gazi Bay Mangrove Forest, Kenya: A Comparative Study between Natural and Managed Sites Kevogo Milton MMaraU, Kenya	AI-Optimized Resource Management for Sustainable Wildlife Ecosystems: A Case Study of Kenya Wildlife Service in Nairobi Rogers Matikho & Priscah Kirwa Kenya Broadcasting Company & MMaraU, Kenya	Empowering The Future: Integrating Children into Climate Action and Policy Through Education and Participation Purity Kurraru MMaraU, Kenya

3.00 – 3.20 pm	Leveraging IoT for Real-Time Monitoring and Conservation of Lake Turkana’s Aquatic Biodiversity and Ecosystem Services Jeremiah Onunga Turkana University College, Kenya	Safe Coexistence: Bridging public Health and snake Conservation through Education of Community Health Promoters Jamlick Lepaa MMaraU, Kenya	Inclusion of the visually impaired learners in environmental conservation as a solution to the triple planetary crisis Sr. Jackline Akinyi Otieno Catholic University of Eastern Africa, Kenya
3.20 – 3.30 pm	Short Break		
3.30 – 3.50 pm	Birds and Climate Change Peter Kinyanjui Karatina University, Kenya	Microbial Composition and Socioeconomic Constraints in Apiculture in Embu County, Kenya Julius Mugweru University of Embu, Kenya	Youth Demonstrations and Climate Insecurity in Kenya: A Case of ‘Gen Zs’ Protest at Finance Bill 2024 in Nairobi Nicholas Anyuor & Edna Ogeto Rongo University, Kenya
3.50 – 4.10 pm	Rabies Risk Communication and Community Engagement in Kambirwa Village, Kiharu Sub-county, Muranga County, Kenya Sarah Wanjiku Kirigwi MMaraU, Kenya	Evaluation of black soldier fly larvae (<i>Hermetia illucens</i>) frass as biopesticide and biofertilizer on kales (<i>Brassica oleracea</i>) Clinton Ochieng Otieno JOUST, Kenya	How Malnutrition in Children Below the Age of Five Years Was Eradicated in Musanda, Mumias West Subcounty, Kakamega County Susan Karusa Kisanya Masinde Muliro University Science and Technology, Kenya
4.10 – 4.30 pm	Environmental Factors, Spatio-temporal Distribution, Habitat Suitability and Migratory Patterns: An Emerical Analysis of The North Atlantic Right Whale (<i>Eubalaena Glacialis</i>) and Their Conservation in The Western North Atlantic Ocean Brian Ambale University of Eldoret, Kenya	Bridging the Divide: Exploring Human–Wildlife Conflict Around Protected Areas Through Community Engagement in Kenya Allan Rayian Technical University of Kenya, Kenya	Antimicrobial Susceptibility Pattern of <i>E. coli</i> Among Patients Visiting Narok County Referral Hospital Onesmus Balliach MMaraU, Kenya
4.30 – 4.50 pm	Ontology in ecological balance Francis Keli Munyao CYMG, Kenya	A call to adopt a safer alternative method of preserving specimens used in biomedical science training	The Role of Sule Lamido University in Curving the Effect of COVID 19 Pandemic Abdullahi Shatima Sule Lamido University Kafin Hausa, Jigawa State, Nigeria

		Prof Mosiany Kisipan & Dennis O. Bitange, MMaraU	
4.50 – 5.10 pm	Tea Break / Poster Session	Senate Boardroom	Secretariat
5.10 – 5.50 pm (Keynote Address 2 40 minutes)	Community Health Units & Universal Health Coverage in Kenya		Dr. Parmuat Lanoi Executive Director, ENAI-Africa
5.50 – 6.00 pm	Day 1 Recap & Closing		Dr. Nathan Uchtmann (Conference Co-Chair)
6.00 pm -	Departure		Secretariat / Transport Dept

Tuesday, 5th August, 2025

Time	Activity	Venue	Facilitator
9.00 am – 4.00 pm	Health Camp	MMaraU Field	ENAI-Africa/Narok County Govt Dept. of Health and Public Services/KEMRI
9.00 am – 4.00 pm	Innovations Exhibitions	MMaraU	MMaraU
Time	Activity (Venue)	Presentation Title (Venue – 1; Conference Hall)	Facilitator
8.00 – 8.30 am	Registration		Secretariat
8.30 – 9.10 am (Keynote Address 3 40 minutes)	Indigenous People and their Livelihoods		Dr. Kimaren Ole Riamit Executive Director, Indigenous Livelihoods Enhancement Partners (ILEPA)
9.10 – 9.40 am	Technological Development in Monitoring Forest Ecosystems in Kenya (Virtual)		Dr. Benjamin Kinyili Kenya Forest Service, Kenya
9.40 – 9.50 pm	Health Break		Secretariat

9.50 – 1.00 pm	Workshop Session 1: Grass Taxonomy	Conference Hall & Biology Lab	Prof Salunkhe Chandrakant & Dr. Dominic Menge
9.50 – 11.10 am (80 minutes)	Session 2 Presentations		Session Chair: Dr. Samson Mabwoga
	Venue 1: Sch. Arts PGR-1 <i>SB2- Conservation & Pollution</i> Moderator: Prof Patrick Worms	Venue 2: Sch. Bus & Econ PGR-1 <i>SB2- Conservation & Pollution</i> Moderator: Dr. Charity Konana	Venue 3: Sch. Bus & Econ PGR-2 <i>SB2- Conservation & Pollution</i> Moderator: Dr. Philip Chemelil
	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)
9.00 – 9.20 am	Enhancing energy and environmental conservation for sustainable use and management of natural resources Laban Kipkemoi Rotich Murang'a University of Technology, Kenya	Nature based solutions for sustainable agriculture: integrating indigenous knowledge to combat pollution and enhance conservation Nephiny Nyagaka Meru University of Science and Technology, Kenya	Adaptation Strategies to climate variability by smallholder crop farmers in Kenya Mwita Paul Chacha Kenyatta University, Kenya (online)
9.20 – 9.40 am	Conservation and Pollution: Achieving a Comprehensive Transformation through Conservation: Using Nature-Based Solutions to Revive Ancient Wisdom and Reverse the Pollution Crisis Elias Elvis Amoni Sigalagala National Polytechnic, Kenya	Influence of Gibberellin Hormone on Viability of <i>Cleome gynandra</i> L. Seed Germination Muga Moses University of Eldoret, Kenya	Climate Resilience in Practice: Advancing Climate Action Education and Financing in Narok County Machira Gwendolyn Wanjiku Bomet University College, Kenya
9.40 – 10.00 am	Assessment of the challenges faced in the management of Mau Forest Ecosystem in Kenya Melly Kipketer Kelvin Bomet University College, Kenya	Extraction, characterization, and optimization of protein from food waste and waste-activated sludge Cheruiyot Dennis & George S. Nyamato University of Embu, Kenya	Analysis of different methods for reclamation of Nitrogen and Phosphorus from Sewage lagoons Edwin Morara MMaraU, Kenya

10.00 – 10.20 am	Ecosystem services, land use change and greenhouse gas emissions from a rift valley wetland. Simo Raphael Baba MMaraU, Kenya	Common Errors in English-Hausa Translation Committed by Judicial Staff of Jigawa State, Nigeria Muhammad Tijjani Ibrahim Jigawa State College of Education and Legal Studies Ringim, Nigeria	Effectiveness of Air Pollution Control Systems in Steel Industries in the North Rift Region, Kenya Kipchirchir Vincent MMaraU, Kenya
10.20 – 10.40 am	Strengthening Climate Resilience in Narok County: The role of Climate Action Education and localized financing solutions Lillian Kagendo Bomet University College, Kenya	Climate-smart agriculture and sustainable livelihoods Wilfred Letuya Koros Kupanda2Grow foundation, Kenya	Public Awareness, Climate Action, and Support for Climate Financing in Sub-Saharan Africa: An Analysis of Afrobarometer Data Chepngeno E. Maina Kisii University, Kenya
10.40 am – 11.10 pm	Tea break (Senate Boardroom)		Secretariat
11.10 am – 1.10 pm (120 minutes)	Session 3 Presentations		Session Chair: Dr Simon Macharia
	Venue 1: Sch. Arts PGR-1 <i>SB3-Governance, Advocacy and Policy</i> Moderator: Dr Charity Konana	Venue 2: Sch. Bus & Econ PGR-1 <i>SB3-Governance, Advocacy and Policy</i> Moderator: Dr. Philip Chemelil	Venue 3: Sch. Bus & Econ PGR-2 <i>SB3-Governance, Advocacy and Policy</i> Moderator: Nightingale Wakigera
	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)
11.10 – 11.30 am		Poverty Amidst Plenty Paradox: An Investigation of How Cultural Values and Practices Contribute to Poverty Among The Small-Scale Artisanal Fisherfolk in Kendu Bay and Achuodho Landing Sites, Rachuonyo North Sub-County, Kenya Magak Nickson Odongo, Ssendawula Noah & Ang'aba Aden Esokomi	Realities of Emerging Challenges and Opportunities of Climate Change-Induced Events Among the Communities of Arid and Semi-Arid Lands in Kenya Wickliffe Ojallah Moi University, Kenya

		MMaraU, Kenya	
11.30 – 11.50 am	Collaborative Governance and Safety for Sustainable Development Goals for All Regina Kamande ¹ & Patrick Nyaanga ² MMaraU & Jomo Kenyatta University of Agriculture & Technology ² , Kenya	Global Climate Adaptation Case Studies: Lessons for Kenya and Africa Emmanuel Githinji Technical University of Kenya, Kenya	Eco – scenic design: Innovations in Kenyan Theatre Industry Juma Brenda Kenyatta University, Kenya
11.50 – 12.10 pm	Impact of Food Systems on Environmental Degradation in Kajiado and Narok Counties Ogalo Baka & Wesley Langat WWF & BBC, Kenya	The Impact of the Enactment of the Forest Act 2005 and Forest Conservation and Management Act 2016 in Conservation and Restoration of the Maasai Mau Forest, Kenya Philip Kipkemboi Chemelil MMaraU, Kenya	Community Radio in Communicating Climate Change Related Conflicts in Siaya County, Kenya Kashara Juma Erick Rongo University, Kenya
12.10 – 12.30 pm	Adoption and Impacts of Applying Forage-Based Technologies on Milk Production and Income Rates Amongst Smallholder Dairy Farmers in Nakuru & Nyandarua Counties, Kenya Muga Moses University of Eldoret, Kenya	The Role of the Government and TVETs in Enhancing Blue Economy, and Kenya’s Economic Growth through Fostered Research and Sustainable Agricultural Development: A Case of the Sigalagala National Polytechnic, and Kenya Marine and Fisheries Research Institute, Kenya Argwings Owino Omondi Sigalagala National Polytechnic, Kenya	Climate education and financing Peris Cherotich Kerich Bomet University College, Kenya
12.30 – 12.50 pm	Effects of Policy and Governance frameworks to accelerate community-centred sustainable development and to achieve sustainable development goals Chebet Winny Bomet University College, Kenya	Educational environment in relation to academic performance of hearing impaired learners in selected special secondary schools in Nyanza region, Kenya Okeyo Siprose Adhiambo MMaraU, Kenya	Active or Inactive Stakeholders? Assessing the Contribution of Non-Institutional Actor Networks in the Implementation of County Roads Policy in Narok County, Kenya Aden Esokomi, Dr. Onyiko Kennedy Karani & Odongo Nickson Magak MMaraU, Kenya
12.50 – 2.00 pm	Lunch break	Senate Boardroom	Secretariat

2.00 – 4.00 pm	Workshop Session 1 – Grass Taxonomy	Biology Lab	Prof Salunkhe Chandrakant & Dr. Dominic Menge
2.00 – 3.00 pm	Workshop Session 2 – Snakes Management	Conference Hall	Jamlick Lepaa, MMaraU
3.00 – 4.30 pm	Workshop Session 3 – Land Tenure Systems in Kenya	Conference Hall	Dr. Johnson Osoi, Johnson & Partners LLP
2.00 – 4.30 pm (170 minutes)	Session 1 Presentations		Session Chair: Dr Samson Mabwoga
	Venue 1: Sch. Arts PGR-1 <i>SB4-Climate Change & Advocacy</i> Moderator: Dr Kuria	Venue 2: Sch. Business & Econ PGR-1 <i>SB4-Climate Change & Advocacy</i> Moderator: Dr Charity Konana	Venue 3: Sch. Business & Econ PGR-2 <i>SB4-Climate Change & Advocacy</i> (Virtual Session) Moderator: Alice Ritho
	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)
2.00 – 2.20 pm	Effect of Partial Paperless Training to Protect the Environment amongst Community Health Promoters Rev. Harun Njoroge Kenyatta University, Kenya	Sympatric Human-Animal Antimicrobial Resistance Profiles in Surface Waterpoints in the Maasai Mara Ecosystem, Narok, Kenya Brian Waswala Kenya National Commission for UNESCO, KNATCOM, Kenya	The Impact of Extreme Heat Events on Occupational Heat-Related Illnesses, Florida and New York, U.S.A. 2000-2019 Prof. Jeffrey Joseph Dalhoff University of Maryland, USA
2.20 – 2.40 pm	Blockchain Model to Improve Transparency and Ethics in Kenya's Northern Kenya Rangelands Carbon Scheme Jacob Orage Rongo University, Kenya	Resilient Roots: A Study on Climate-Resilient Urban Planning in Informal Settlements Joel Ontari Okwogo MMaraU, Kenya	Impacts of Climate Change on Food Security in Lesotho and Implications for Sustainable Development George Maeti The National University of Lesotho, Lesotho
2.40 – 3.00 pm	Utilization of Sodom Apple (<i>Solanum incanum</i>) as a Pesticide and Insecticide in Agriculture Eric Idamboh	Greening the Mind: Integrating Climate Education, Community Action, and Inclusive Financing for Sustainable Futures Gedion Kiprotich	Community-based counseling programs for promoting environmental awareness and health Adaobi Jennifer Iloakasia

	Sigalagala National Polytechnic, Kenya	Bomet University College, Kenya	Nwafor Orizu College of Education, Nsugbe Anambra State, Nigeria
3.00 – 3.20 pm	Wildlife Tourism and Climate Change: Perspectives on Maasai Mara National Reserve Dr. Catherine Kifworo ¹ & Kaitano Dube ² ¹ MmaraU, Kenya & ² Vaal University of Technology, S. Africa	Optimizing the adoption of Sugarcane Baggase Briquettes as fuel in Kenya Secondary Schools James Owek Ochieng JOUST, Kenya	Evaluation of Socio-Economic and Health Outcomes resulting from Environmental Pollution in Lesotho George Maeti The National University of Lesotho, Lesotho
3.20 – 3.30 pm	Short Break		
3.30 – 3.50 pm	Assessing the Farmers Perceptions towards the use of Humanure in Tharaka Nithi and Kajiado Counties for Agricultural and agro-forest Sustainability Eng Murathi Erastus Maitai Kenya Water Institute - KEWI, Kenya	AI-Driven Climate Modeling and Simulation for Educational Platforms Zakariyya Hassan Abdullahi Federal Polytechnic Kazaure Jigawa State, Nigeria	Agricultural Adaptation Pressures from Climate and Environmental Impacts and Implications for Climate Finance and Fiscal Policy: A Review of the Situation in Sub-Saharan Africa Obi, Joy Nneamaka University of the Witwatersrand Johannesburg, S. Africa
3.50 – 4.10 pm	Feeling the Heat: understanding climate change through local lived experiences Brenda Juma Kenyatta University, Kenya	Solvent Extraction of Heavy Metal Cations from Aqueous Solution: Experimental and Theoretical Studies George Simba Nyamato and Isaac Thairu Ndung'u University of Embu, Kenya	Synthesis of 1-methoxy-2-propanol from propylene oxide and methanol in the presence of imidazolium salts of heteropoly acid Mwangi John Wamumwe ¹ , Sergey Alexandrovich Prikhodko ² , Panchenko Valentina Nikolaevna ^{1,2} , Timofeeva Maria Nikolaevna ^{1,2} ¹ Novosibirsk State University, Russia ² Boleskov institute of Catalysis SB RAS, Russia
4.10 – 4.30 pm	Injustices to Mau Forest Evictions; Women and Children Steven Tikani MmaraU, Kenya	Climate Change Public Awareness, Climate Action, and Support for Climate Financing in Kenya: An Analysis of Afrobarometer Data Chepngeno E. Maina Kisii Univeristy, Kenya	Climate challenges and Geospatial Technology Gelito Inácio Franco Sululu Commonwealth Youth Climate Change Network, Mozambique

4.30 – 4.50 pm	Empowering The Next Generation in Climate Change Purity Akinyi Osore Karatina University, Kenya	Strengthening Climate Change Education through Community-Based Learning in Kenyan Secondary Schools Dancun Ochieng Otieno Moi University, Kenya	Integrated Solutions for Achieving Community and Planetary Health: Leveraging Health, Food, Water, Clean Energy, and Universal Health Coverage Malon Muronzi Climate Migration Advocate, Zimbabwe
4.50 – 5.10 pm	Tea Break / Poster Session		Senate Boardroom
5.10 – 5.50 pm (Keynote Address 4 40 minutes)	Climate, Policy, Agroforestry and Soil Health		Prof Patrick Worms CIFOR-ICRAF Belgium
5.50 – 6.00 pm	Day 2 Recap & Closing		Dr. Kuria, KEMRI
6.00 pm -	Departure		Secretariat / Transport Dept

Wednesday, 6th August, 2025

Time	Activity	Venue	Facilitator
9.00 am – 4.00 pm	Health Camp	MMaraU Field	ENAI-Africa/Narok County Govt Dept. of Health and Public Services/KEMRI
9.00 am – 4.00 pm	Innovations Exhibitions	MMaraU	MMaraU
Time	Activity (Venue)	Presentation Title (Venue - 1; Conference Hall)	Facilitator
8.00 – 8.30 am	Registration		Secretariat
8.30 – 9.10 am (Keynote Address 5 40 minutes)	Exploring the agri-food, energy and water sector nexus: SNV Experience		Dr. David Ojwang Sector Leader – Agri-food Systems SNV Kenya and Burundi
9.10 – 9.40 am	Integrating grain amaranth into the interactions between People, Plants, Livestock and Environment (PeoPLE) to move healthcare systems for chronic non-communicable diseases-NCDs from management to curative therapies to unlock community and planetary health in changing climate		Prof Linus Ndonga Strategic Poverty Alleviation Systems-SPAS, Kenya
9.40 – 9.50 pm	Health Break		Secretariat

9.50 – 1.00 pm	Workshop Session 1: Grass Taxonomy	Conference Hall & Biology Lab	Prof Salunkhe Chandrakhant & Dr. Dominic Menge
9.50 – 11.10 am (80 minutes)	Session 2 Presentations		Session Chair: Dr Charity Konana
	Venue 1: Sch. Arts PGR-1 SB6- Health, Food & Energy Moderator: Dr Kuria, KEMRI	Venue 2: Sch. Bus & Econ PGR-1 SB6- Health, Food & Energy Moderator: Esther Anono	Venue 3: Sch. Bus & Econ PGR-2 SB6- Health, Food & Energy Moderator: Carol Kawira
	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)
9.00 – 9.20 am	Donkey welfare in Kenya now and in the future Dr. Emmanuel Cheruiyot & Dr Samuel Chege Farming Systems Kenya, Kenya	Computational Optimization of Benzimidazole Derivatives for Antileishmanial Activity Ibrahim Gidado Federal College of Education, Yola, Nigeria	Environmental Factors Influencing Sustainability of Open Defecation-Free (ODF) Status in Mwingi West Sub-County, Kitui County, Kenya Daniel Munyongi K Mount Kenya University, Kenya
9.20 – 9.40 am	Antidiabetic Properties of Compounds Isolated from <i>Vepris glandulosa</i> : An In Vitro and in Silico Analysis Prince Ojuka University of Embu, Kenya	One Health approaches to climate-resilient febrile seizure management: addressing caregiver knowledge gaps and healthcare barriers in rural Kenya Mulwa Kavata & Winfridah Wangui Njung'e MMaraU, Kenya	Insides into molecular structural elucidation on the pesticidal and herbicidal potency of AD biogas slurry Maxwell Gitonga & Dr Aloys Osano MMaraU, Kenya
9.40 – 10.00 am	Inventory Optimization and Management of Health Products and Technologies in Kenya: A Multi County Comparative Study on access to Quality affordable Health Products and Technologies Shadrack Meme Kenya Methodist University, Kenya	In-Silico Pharmacophore Screening of Natural Product-Derived Inhibitors Targeting AMPK, GSK-3 β , and PPAR γ for Type 2 Diabetes Therapy Dr. John Kiratu University of Embu, Kenya	Bridging Data and Decisions: Strengthening Health Information Systems for Climate-Responsive Health Service Delivery in Rural Burundi Elysee Nibitanga Mount Kenya University, Burundi

10.00 – 10.20 am	An Advocacy Approach to Scaling up Involvement of Men in Maternal and Neonatal Child Health: A Model of Meteitei Sub-County of Kenya Dr. Simon Macharia Kamau ¹ , Dr Lily C. Ng'eno ² & Leah C. Ng'eno ³ MMaraU ¹ , Meteitei S.C. Hospital Nandi ² & Univ of Kabianga ³ , Kenya	Exploring Gendered Health Impacts of Water Scarcity in Narok County, Kenya: A Qualitative Case Study on Universal Health Coverage Caleb Ratemo Moi University, Kenya	Utilization of Electronic Community Health Information System (eCHIS) to Enhance Uptake of Maternal Health Services in Muhoroni Sub-County, Kisumu County, Kenya Kennedy Akani Alukwe ¹ , Dr. Alexander Mbeke ² , Dr John Kariuki ¹ , Mount Kenya University ¹ & Laikipia University ² , Kenya
10.20 – 10.40 am	Participatory on-farm assessment of regenerative agriculture technologies in Bungoma, Kakamega, Uasin Gishu and Kericho counties of Kenya – Research undertaken through the Regenerative Agricultural Practices for Livelihoods and Markets Project (REALMS) in Western Kenya Dr. David Ojwang SNV Kenya and Burundi	Bridging the Gap- Leveraging One Health for Universal Health Coverage in the Maasai Community through Integrated Health, Food, Water, and Clean Energy Initiatives Isaac Kilesi Koroi Twincare Pharmacy Limited, Kenya	Practices, Attitudes, Behaviors, Barriers, and Constraints of Data Request and Information Utilization (DRIU) in Public Healthcare Facilities: A Case Study of Kiganda Health District, Muramvya Province, Burundi Elysee Nibitanga Mount Kenya University, Kenya
10.40 am – 11.10 pm	Tea break (Senate Boardroom)		Secretariat
11.10 am – 1.10 pm (120 minutes)	Session 3 Presentations		Session Chair: Dr Samson Mabwoga
	Venue 1: Sch. Arts PGR-1 <i>SB7-Culture, Indigenous Knowledge Conservation & Environment</i> Moderator: Esther Anono	Venue 2: Sch. Bus & Econ PGR-1 <i>SB7-Culture, Indigenous Knowledge Conservation & Environment</i> Moderator: Felistus Mwalia	Venue 3: Sch. Bus & Econ PGR-2 <i>SB8- Cross cutting</i> Moderator: Philip Chemelil
	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)	Titles of presentation (Presenters names & affiliation)

11.10 – 11.30 am	<p>Treatment Adherence Among Type 2 Diabetes Patients in Rural Kenya: A Cross-Sectional Study of Knowledge, Attitudes, and Practices in Climate-Vulnerable Communities</p> <p>Allan Kemboi & Winfridah Wangui Njung'e MMaraU, Kenya</p>	<p>The Role of Community Radio in Simplifying and aiding access to Scientific, Climate and Health Information in Communities living in Arid and Semi-arid Lands</p> <p>Wambaz Oleman Learat¹, Maison Ole Nkurrinah¹ & Bursuna Ejere² Sidai Media Group¹ & MMaraU³, Kenya</p>	<p>Influence of Women Empowerment Programs on Household Decision-Making in Narok North Sub-County, Narok County, Kenya</p> <p>Elizabeth Takai, Zeddy Lemein & Joseph Misati MMaraU, Kenya</p>
11.30 – 11.50 am	<p>Planet Protect Portal & Wisdom VAULT</p> <p>Dennis Muyo & Dominic Kariankei African Cultural Conservation, education, Creativity, Innovation and Research (ACCECIR) Foundation Kenya</p>	<p>Back to Basics: How the Maasai Forms of Oral Literature Reflect Indigenous Understanding of Climate</p> <p>Olomunyak Timothy & Malei Tirati Endangered Languages Project (ELP) Collective, Kenya</p>	<p>Sustainable Safari Tourism: Aligning Eco-Tourism Policies with Global Sustainability Goals at Tembo by Jackson</p> <p>Naini Kararei Manager, Tembo by Jackson, Kenya</p>
11.50 – 12.10 pm	<p>The Role of Insects in Ecosystem Protection and Biodiversity Conservation in Anambra state, Nigeria</p> <p>Okeke Tobeckwu Ebele Nwafor Orizu College of Education Nsugbe, Anambra State, Nigeria</p>	<p>A Comparative Legal Analysis of the Protection of Cultural Heritage in Kenya and the East Africa Community</p> <p>Matundura Nyambunde MMaraU, Kenya</p>	<p>Analysis of the Extent of Jigger Infestation Among Students in Public Day Secondary Schools of Bumula Sub-County, Bungoma County, Kenya</p> <p>Olita Faith MMaraU, Kenya</p>
12.10 – 12.30 pm	<p>Indigenous Knowledge Systems as Pillars of Climate Resilience: A One Health Approach in Africa</p> <p>Grace Njambi Njuguna Kenyatta University, Kenya</p>	<p>Psychological Impacts of Climate Change Education Among University Students in Kenya</p> <p>Fredrick Kayusi^{1,2}, Michael Keri Omwenga³, Simo Raphael Ongaya¹ & Meshack Lagat Kipkosgei¹ MMaraU¹ & Pwani University², Kenya</p>	<p>Climate Smart Agriculture Strategy in Enhancing Food Security in Samburu County, Kenya</p> <p>Brian Ndungu, Walter Kiboi, Asige MMaiti & Obushe Denis MMaraU, Kenya</p>

12.30 – 12.50 pm	Assessing the Challenges and Opportunities in the Implementation of the East African Community Climate Change Master Plan (2011–2031) in Kenya Alfred Makotsi & Graham Oluteyo Amakanji Masinde Muliro University of Science and Technology, Kenya	Rethinking Universal Health Coverage in the Global South: A Preventive Health Imperative Through Safe Food Systems Shem Oganga Nyangau University of Delhi, India	Effect of Management Committee Financial Literacy on Sustainable Financing in Dairy Cooperative Societies in Kenya Mburu Munyambu Zachariah, Esther Gicheru, Lucy Ngare & Denis Kamau Muthoni Cooperative University of Kenya, Kenya
11.50 – 12.00 pm	Health Break (Re-convene to Conference Hall)		Secretariat
12.50 – 2.00 pm	Lunch break	Senate Boardroom	Secretariat
2.00 – 4.00 pm	Workshop Session 1 – Grass Taxonomy	Biology Lab	Prof Salunkhe Chandrakhant & Dr. Dominic Menge
2.00 – 3.00 pm	Workshop Session 3 – Carbon Credits & Finance	Conference Hall	Dr. John Osoi, Johnson & Partners LLP
3.00 – 4.30 pm	Focused Group Discussion on Climate-health interlinkages	Conference Hall	Dr. Alice Karanja, APHRC
2.00 – 4.30 pm	Cultural Foods Festival	MMaraU Field	ACOPPHE/ILEPA
4.30 – 5.00 pm	Tea Break / Poster Session	Senate Boardroom	Secretariat
5.00 – 5.40 pm (Keynote Address 60 minutes)	Climate and Health in Africa through the Lens of Food and Nutrition		Dr. Alice Karanja APHRC, Kenya
5.40 – 5.50 pm	Day 3 Recap & Closing		Nightingale Wakigera, ACOPPHE
6.00 pm -	Departure		Secretariat / Transport Dept

Thursday, 7th August, 2025

Time	Activity	Venue	Facilitator
9.00 am – 4.00 pm	Health Camp	MMaraU Field	ENAI-Africa/Narok County Govt Dept. of Health and Public Services/KEMRI
9.00 am – 4.00 pm	Innovations Exhibitions	MmaraU	MmaraU
9.00 am – 4.00 pm	Grass Taxonomy Workshop Field Day	Maasai Mara	MmaraU

Time	Activity	Presentation Title (Venue - 1; Conference Hall)	Facilitator
8.00 – 8.30 am	Registration		Secretariat
8.30 – 9.10 am (Keynote Address 7 40 minutes)	From ACS to AUCCW and COH: A Storytelling Session About What Brought Us Together		Dr. Nathan Uchtmann & Maison Kipila ACOPPHE
9.10 – 10.10 am (60 minutes)	Round Table Discussion	Traditional Healers Panelists; <ul style="list-style-type: none"> • Vincent Onyango (Birdlife Africa) • Samson Luari (Ogiek Peoples Development Programme, OPDP) • Dr. James Kuria, KEMRI • Prof Wycliffe Wanzala - MMaraU • Saning’o Ololtua - INN 	Fadzai Matsvimbo Birdlife Africa, Kenya
10.10 – 11.10 am (60 minutes)	Round Table Discussion	Traditional Midwifery Panelist; <ul style="list-style-type: none"> • Dr Jack Githae • Najjar Munyinyi • Florence Yiasi - INN • Saning’o Ololtua - INN 	Nightingale Wakigera ACOPPHE
11.10 – 11.40 am	Tea Break / Poster Session	Senate Boardroom	Secretariat
11.40 am – 12.40 pm (60 minutes)	Round Table Discussion	Indigenous Knowledge & Conservation Panelists; <ul style="list-style-type: none"> • Fadzai Matsvimbo (Birdlife Africa) • Bursuna Ejere (MMaraU) • Samson Luari (Ogiek Peoples Development Programme, OPDP) • Patu Santoo Ole Naikumi – Mau Forest Conservancy Committee Chairperson 	Vincent Onyango Birdlife Africa, Kenya
12.40 – 1.00 pm	Wildlife crop selection preference to reduce crop raiding, using an Experimental Farm result in Transmara Region in Kenya		Abigael Simaloi Pertet Mara Elephant, Kenya
1.00 – 2.00 pm		Lunch break (Senate Boardroom)	Secretariat
2.00 – 2.30 pm (30 minutes)	Traditional Story Telling session		Naini Kararei Entito Empunit Creations & Tembo by Jackson

2.30 – 2.45 pm	TBC	Thomas Hurdson, Founder of Youth Greenspace Action Network, Kenya
2.45 – 3.15 pm	TBC	Prof Ratemo Michieka NRF Kenya
3.15 – 4.00 pm	Conference Closing Session	Dr. Ing Jared Ombiro (Conference Secretary)
	<p>Closing Remarks by;</p> <ul style="list-style-type: none"> • Ms. Nightingale Wakigera (Conference Secretary) • Dr. Lanoi J. Parmuat - Executive Director, ENAI-Africa • Dr. Nathan Uchtmann (Conference Co-Chair) • Dr. Aloys Osano (Conference Chair) • Prof Francis Mburu (Ag DVC - RIO) -Closing Remarks & the way forward • Prof P. Aloo-Obudho (Vice Chancellor) <p>Presentation of Certificates - Prof Francis Mburu Vote of Thanks – Dr. Ing Jared Ombiro</p>	
4.00 pm –	Evening Tea	Secretariat

Gala Dinner (ZEBU Hotel)

6.00 pm – 12.00 am	Gala Dinner	ENAI-Africa
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Friday, 8th August, 2025

Time	Activity	Venue	Facilitator
8.00 am –	Interested participants departure to the airport and other places	-	MMaraU
9.00 am – 4.00 pm	Health Camp	Naisoya Primary School	ENAI-Africa/Narok County Govt Dept. of Health and Public Services / Lions Hospital/KEMRI
9.00 am – 11.00 pm	Land rehabilitation	Naisoya Primary School	MMaraU/ ACOPPHE
11.00 am – 4.00 pm	<p>Community Trainings</p> <ul style="list-style-type: none"> • Donkeys Welfare & clinic • Water, Sanitation & Hygiene 	Naisoya Primary School	<p>Mara Elephant Afya Africa Farming Systems Kenya Africa Hope MMaraU</p>

- Human health

Saturday, 9th August, 2025

Time	Activity	Venue	Facilitator
10.00 am - 4.00 pm	One Health Camp	Mpiro Primary School, Naikarra	ENAI-Africa/Narok County Govt Dept. of Health and Public Services/Lions Hospital/KEMRI
10.00 am - 11.00 pm	Indigenous Peoples Cultural Celebrations	Mpiro Primary School, Naikarra	World Vision International MMaraU/ACOPPHE
11.00 am - 1.00 pm	Community Trainings <ul style="list-style-type: none"> • Donkeys Welfare & clinic • Water, Sanitation & Hygiene • Human health 	Mpiro Primary School, Naikarra	World Vision International Farming Systems Kenya Africa Hope, Vet Aid MMaraU
1.00 - 1.30 pm	Indigenous Peoples Declarations	Mpiro Primary School, Naikarra	ACOPPHE / Johnson & Partners LLP
1.30 pm - 2. 30 pm	Intergenerational Dialogue	Mpiro Primary School, Naikarra	ACOPPHE / Johnson & Partners LLP
2.30 pm - 3.00 pm	Conference Outputs	Mpiro Primary School, Naikarra	MMARAU/ACOPPHE/ENAI-Africa
3.00 pm -	Optional Bushcamping	Mpiro Primary School, Naikarra	ACOPPHE

Room Assistants (Coordinator – Dr Bakari Chaka)

1. Conference Hall – Felix Mayiega/Meghan Silau
2. Breakout Room 1 – Brian Ndungu
3. Breakout Room 2 – Theophilus Korir
4. Breakout Room 3 – Maxwell Gitonga

Poster Presentations (Coordinator – Dr. Charity Konana & Sankale)

1. Climate Connect Initiative: Community-led restoration of urban drainage systems for public health and climate resilience in Kenya - Stacy Namweyi Rebecca, MMarau, Kenya

2. Effectiveness of National Land Policy in Addressing Historical Land Injustices in Saboti Sub-County, Trans Nzoia County, Kenya - Kiboi K. Walter, Brian Ndung'u, Asige MMaiti & Obushe Denis MMaraU, Kenya
3. The role of women self-help groups in enhancing Food security in Kibwezi West Sub-County, Makueni County - Gladys Mutia, MMaraU, Kenya
4. Assessment of water quality from in gate D estate within Maasai Mara University in Narok., Kenya - Feiruz Adan Ibrahim, MMaraU, Kenya
5. Spatio-temporal changes in phytoplankton species composition and abundance in water pans under different land uses in arid and semi-arid Narok socio-ecological landscape, Kenya - Martha Bosibori Moseti, MMaraU, Kenya
6. Organic Agriculture, Patrick Omilla, Bomet university college, Kenya
7. Chemically induced Irish potato waste as a potential mesophilic AD reactor – Ruth Waeri, MMaraU, Kenya
8. One health in the lens of biodiversity conservation - Kiplangat Elvis, MMaraU, Kenya
9. Solar-Powered Cold Storage Units for Indigenous Vegetable Preservation in Narok County – Alex Kibet, MMaraU
10. Eco-Flame: Sustainable Charcoal from Water Hyacinth Waste – Asoma Brian, MMaraU, Kenya
11. Appraising Panda Miti Okoa Ulimwengu Project – Erick Brian Mutwiri Gitonga, Karatina University, Kenya
12. Assessment of comb
13. Combustion emissions and elemental composition in relation to soils and altitude in Narok, Kenya – Philip Wasonga, MMaraU

Innovation Exhibitions (Coordinator – Dr Ing Jared Ombiro & AbbyChristine Murage Njeri)

1. Traditional Maa Herbarium – Joseph Ole Kipila
2. Nature Detour – Samuel Mariga
3. Materfeto – Otieno Otiende
4. Planet Protect Portal & Wisdom VAULT by ACCECIR
5. VisaTech Kenya – Florah Mshimba
6. Ogiek Peoples Development Programme (OPDP) Indigenous Honey and Vegetables – by Samson Luari
7. National Government Affirmative Fund (NGAF)
8. Indigenous Livelihoods and Empowerment Partners (ILEPA)
9. Africa Population and Humans Research Center (APHRC)
10. Mara Elephant

APPENDIX 2: EXHIBITORS

1. Traditional Maa Herbarium – Joseph Ole Kipila
2. Nature Detour – Samuel Mariga
3. Materfeto – Otieno Otiende
4. Planet Protect Portal & Wisdom VAULT by ACCECIR
5. VisaTech Kenya – Florah Mshimba
6. Ogiek Peoples Development Programme (OPDP) Indigenous Honey and Vegetables – by Samson Luari
7. National Government Affirmative Fund (NGAF)
8. Indigenous Livelihoods and Empowerment Partners (ILEPA)
9. Africa Population and Humans Research Center (APHRC)
10. REDCROSS Narok County
11. Mara Elephant

APPENDIX 3: ATTENDANCE FORM

Monday attendance list

https://drive.google.com/file/d/13UhhEPvmIYkKxow6_27Kr9KQRWP9kwwR/view?usp=drive_link

Tuesday attendance list

https://drive.google.com/file/d/1r78J0zXza3YeFZMuCccO_S_Iwxm9NBEL/view?usp=drive_link

Wednesday attendance list

<https://drive.google.com/file/d/1WIfaavDbmuWEPpDL1tC6rf8tV24uIC9o/view?usp=sharing>

Thursday attendance list

https://drive.google.com/file/d/1tQb2yT'Ztc-nDjcT-9my7vIrVWX137m0c/view?usp=drive_link

APPENDIX 4: WORKSHOP SESSIONS

Grass Taxonomy Workshop Program

Grass Taxonomy Training Programme

Date – 4th to 8th August, 2025

Venue – MMaraU Conference Hall, Biology Lab & Maasai Mara

Day 1 – Monday, 4th August, 2025

Time	Activity	Facilitator
8.00 – 9.00 am	Arrival	All
9.00 – 10.20 am	Opening Remarks – HEARTS4Climate International Conference, 2025 (Optional Participation)	Conference Secretariat
10.20 – 10.50 am	Tea Break	Secretariat
10.50 – 1.00 pm	Opening Remarks – HEARTS4Climate International Conference, 2025 (Optional Participation)	Conference Secretariat
1.00 – 2.00 pm	Lunch Break	Secretariat
2.00 – 3.30 pm	Lectures on Definitions, Introduction & Importance of Grasses	Prof. Chandrakhant Salunkhe (in-person) & Resource persons from India (online)
3.30 – 5.00 pm	Hands-on training / practical session with students	Prof. Chandrakhant Salunkhe & Botany Technologists
5.00 pm -	Tea break and departure	Secretariat

Day 2 – Tuesday, 5th August, 2025

Time	Activity	Facilitator
8.30 – 9.00 am	To collect grass specimens from the field	Prof Wyclife Wanzala & Mr Haron Saningo
9.00 – 10.20 am	Grass classification/taxonomy	Resource persons from India (<i>online</i>) & ICT & Dr. Paul Wanjala
10.20 – 10.50 am	Tea Break	Secretariat
10.50 – 1.00 pm	Grass classification/taxonomy	Resource persons from India (<i>online</i>), & ICT & Dr. Paul Wanjala
1.00 – 2.00 pm	Lunch Break	Secretariat
2.00 – 5.00 pm	Hands-on training / practical session with students	Prof. Chandrakhant Salunkhe & Botany Technologists
5.00 pm -	Tea break and departure	Secretariat

Day 3 – Wednesday, 6th August, 2025

Time	Activity	Facilitator
8.30 – 9.00 am	To collect grass specimens from the field	Prof Wyclife Wanzala & Mr Haron Saningo
9.00 – 10.20 am	Grass classification/taxonomy	Resource persons from India (<i>online</i>) & Dr. Paul Wanjala
10.20 – 10.50 am	Tea Break	Secretariat
10.50 – 1.00 pm	Grass classification/taxonomy	Resource persons from India (<i>online</i>) & Dr. Paul Wanjala
1.00 – 2.00 pm	Lunch Break	Secretariat
2.00 – 5.00 pm	Hands-on training / practical session with students	Prof. Chandrakhant Salunkhe & Botany Technologist
5.00 pm -	Tea break and departure	Secretariat

Day 4 – Thursday, 7th August, 2025

Time	Activity	Facilitator
8.00 am - 3.00 pm	Field Trip at Maasai Mara	Prof. Chandrakhant Salunkhe

Snake Management Workshop

Presentation

https://docs.google.com/presentation/d/17X5A0mtDyo_XOMxU8KycZROnlsrE15GW829laj0IKsM/cdit?usp=sharing

APPENDIX 5: POSTERS AND BANNERS



4th - 8th, August 2025

THE 1ST HEALTH & ENVIRONMENT IN AFRICA: RESEARCH TRANSLATION AND SOLUTIONS FOR CLIMATE

HEARTS4C-1 2025

THEME: UNITING FOR A HEALTHY PLANET FOR ALL

Maasai Mara University, Narok County, Kenya

ACOPPHE
AFRICA COMMUNITY OF PLANETARY PARTNERS FOR HEALTH AND ENVIRONMENT

HEARTS4C-1
Health and Environment in Africa
RESEARCH, TRANSLATION AND SOLUTIONS FOR CLIMATE

equal
Service beyond duty

MAASAI MARA UNIVERSITY



Partners

Logos of partner organizations including: JNRF KENYA NATIONAL RESEARCH FUND, World Vision, Africa Hope, Kenya Red Cross, JOHNSON PARTNERS, TEMBO By Jackson COLLECTION, SPIRIT, NAIKARA, and others.



AFRICAN UNIVERSITIES AND COMMUNITIES CLIMATE WEEK (AUCCW) 2025

THEME: UNITING FOR A HEALTHY PLANET FOR ALL

JOIN US

3rd - 9th August 2025

Narok Town, Maasai Mara University
Naisoya Primary, Narok North
Mpiro Primary Naikara, Narok West

Community-led Activities
Climate Smart Innovative Exhibitions
1st HEARTS4CLIMATE Conference
Indigenous People's Celebrations & One Health Declarations

More information Email us at: hearts4climateemmarou.ac.ke | hearts4climatesacopphe.org

MAASAI MARA UNIVERSITY
ACOPPHE
equal
Service beyond duty
AFRICAN UNIVERSITIES AND COMMUNITIES CLIMATE WEEK (AUCCW)

ONE HEALTH CAMP

AFRICAN UNIVERSITIES AND COMMUNITIES CLIMATE WEEK (AUCCW) 2025

"UNITING FOR A HEALTHY PLANET FOR ALL"

3rd - 9th AUGUST 2025

SERVICES

- Mobile Clinics and Screening
- Animal care
- Nature care

JOIN US

- 📍 Maasai Mara University, Narok County - 3rd - 7th August
- 📍 Naisoya Primary School, Narok County - 8th August
- 📍 Mpiro Primary School, Naikara, Narok County - 9th August

HEALTH AND ENVIRONMENT IN AFRICA
HEARTS4C-1
Health and Environment in Africa
HEARTS4C-1
HEALTHY THOUGHTS AND ACTIONS FOR CLIMATE

hearts4climate@acoppe.org | hearts4climate@mmarau.ac.ke
www.enafrafrica.org

SPONSORED BY: World Vision

ORGANIZED BY: MAASAI MARA UNIVERSITY, AC-PPHE, SERVICE BEYOND DATA

AFRICAN UNIVERSITIES & COMMUNITIES CLIMATE WEEK (AUCCW) 2025

INDIGENOUS PEOPLE'S CELEBRATIONS

MAU-MARA-SERENGETI ONE HEALTH DECLARATION

9TH OF AUGUST 2025

MPIRO PRIMARY SCHOOL, NAIKARA, NAROK COUNTY

- Health camp
- Indigenous People's Cultural Celebrations
- Community Trainings
 - Donkeys Welfare & clinic
 - Water, Sanitation & Hygiene
 - Human health
- Indigenous Peoples Declarations: Mau-Mara-Serengeti One Health Declarations

HEALTH AND ENVIRONMENT IN AFRICA
HEARTS4C-1
Health and Environment in Africa
HEARTS4C-1
HEALTHY THOUGHTS AND ACTIONS FOR CLIMATE

To learn more about this initiative,
Contact: hearts4climate@mmarau.ac.ke | hearts4climate@acoppe.org

APPENDIX 6: PHOTOS, VIDEOS AND MINI DOCUMENTARIES

Please use this link to download the gallery files from Wednesday 6th August 2025 to Saturday 9th August 2025

<https://newmaishluxuryproduction.ourpixo.com/MC8>



(Sunday 3rd August during the Narok Town Clean-up and the Climate Action Walk)



(Monday 4th August during the start of 1st HEARTS4CLIMATE International Conference)