



## PROGRAMME

### 2<sup>nd</sup> Joint International Scientific Conference

## "HARNESSING BIODIVERSITY AND CULTURAL HERITAGE FOR ECONOMIC TRANSFORMATION"

National Museums of Kenya HQ, Nairobi.

8<sup>th</sup> to 12<sup>th</sup> June 2026

### DAY 1: MONDAY, 8<sup>TH</sup> JUNE 2026

<b>Session Moderator:</b> Prof. Linet Gohole, University of Eldoret		
<b>Rapporteurs:</b> Sam Guchu, National Museums of Kenya and Jeff Ochieng', Mbarara University		
<b>Venue:</b> Louis Leakey Auditorium		
Time	Event/ Venue	Speakers/Moderator
08:00 – 08:30	Registration	<b>Grace Kioko</b> Secretariat
08:30 – 09:00	Welcome Announcements	<b>Dr. Jane Macharia</b> Communications Chair- Secretariat
09:00 – 09:35	<b>Keynote address 1:</b> Towards Achieving the Whole of Society Approach to Conservation: The Role of Carbon and Biodiversity Markets	<b>Dr. Mwangi Githiru</b> Director, Wildlife Works
9:35 – 10:10	<b>Keynote address 2:</b> Training for Tomorrow, Caring for the Past: Advancing Heritage Stewardship and Capacity Development in Africa	<b>Prof. David Braun</b> George Washington University
10:10-10:25	<b>Q &amp; A</b>	<b>All Keynote Speeches</b>
10:25–11:00	<b>Health break</b>	<b>All participants</b>

**11:00-13:00 Opening Ceremony (MC: - Ms. Linda Mboya, National Museums of Kenya)**

11.00-11:05	Welcoming Remarks	<b>Prof. Esther Kioko</b> Chair Conference Secretariat
11:05-12:00	Remarks	<b>Dr. Namikoye Samita</b> , Kenyatta University, Chair, AKE  <b>Prof. Qing-Feng Wang</b> Director General, Wuhan Botanic Garden, CAS  <b>Dr. Taita Terer</b> Director National Repository and Research, NMK  <b>Prof. Mary Gikungu</b> , Director General, NMK  <b>Mr. Edwin Abonyo</b> , Chairman of the Board, NMK
12:00-12:15	Ministry of Gender, Culture, and Children Services	<b>Ms. Umami Bashir, CBS</b> Principal Secretary State Department for Culture, the Arts & Heritage
12:15-12:30	Ministry of Education	<b>Prof. Shaukat Abdulrazak</b> Principal Secretary for Science, Research and Innovation, State Department for Science Research and Innovation
12:30-13:00	Chief Guest	<b>Hon. Hanna Wendot Cheptumo</b> Cabinet Secretary, Ministry of Gender, Culture and Children Services
13:00-13:05	Group photo	<b>Ms. Christine Kimani</b> Audial Visual, NMK All participants
13.05 – 14.00	Lunch Break	All participants

## BREAKOUT SESSIONS

### Louis Leakey Auditorium – Biosystematics, Ecology, Evolution & Biogeography

<b>Session Moderator:</b> Dr. Patrick Malonza, National Museums of Kenya		
<b>Session Rapporteurs:</b> Marystella Injete (University of Eldoret), PEBCA Case Study Candidate and Irene Chepng'etich, Technical University of Kenya		
<b>Time</b>	<b>Presentation Topic</b>	<b>Presenter</b>
14:05–14:20	Rapid Plant Diversity Assessment of Lake Victoria Basin (Kisumu, Migori and Homabay Counties) in Kenya	<b>Paul M. Kirika</b> National Museums of Kenya
14:20–14:35	Paying patience back to Impatiens (Balsaminaceae): Hidden biodiversity in the Qinling-Bashan Mountains, China	<b>Zhang-Jie Huang</b> Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences
14:35–14:50	Unravelling Homing Behavior and Territoriality in the Pancake Tortoise ( <i>Malacochersus tornieri</i> ) in Kenya	<b>Jacob Mueti Ngwava</b> National Museums of Kenya
	Spatial-Temporal Patterns of Small Mammal Communities Revealed by Owl Diet in Amboseli, Kenya	<b>Veronicah Onduso</b> National Museums of Kenya
15:05-15:20	Botanical Survey for Carbon Biomass in Chyulu Hills Ecosystem, Kajiado and Makueni Counties	<b>Judith Nyamai</b> National Museums of Kenya
15:20-15:35	Red List Assessments and Biodiversity Data as a Foundation for Key Biodiversity Area Identification in Namibia: Insights from Endemic Flora	<b>Lovisa Kandenge</b> National Botanical Research Institute, Namibia
15:35-15:50	Digitizing and Publishing Dytiscidae Specimens from the National Museums of Kenya to GBIF	<b>Beatrice Mukami</b> National Museums of Kenya
15:50-16:05	Species richness, diversity and abundance of insect flower visitors of <i>Coffea arabica</i> and <i>Coffea fadenii</i> in Taita Hills, Kenya	<b>Angeline K. Mwova</b> Kenyatta University
16:05-16:20	Fishes of the Mara River – Diversity and threats	<b>Edward Njagi</b> National Museums of Kenya
16:20-16:40	<b>Q &amp; A</b>	<b>All participants</b>
16:40-17:00	<b>Exhibition/Poster Session</b>	<b>All participants</b>
16:40-17:00	<b>Health break and Networking</b>	<b>All participants</b>

## Natural Sciences Seminar room – Climate Change Adaptation & Mitigation Strategies

<b>Session Moderator:</b> Viviene Nandokha, National Museums of Kenya		
<b>Session Rapporteurs:</b> Sharon Kemboi (Kabarak University), PEBCA Case Study Candidate and Christine Akware, Chuka University		
14:05–14:20	Conversion of Agricultural Wastes into Value-added Products: A Climate-Smart Strategy for Adaptation and Mitigation	<b>Eucharika Kenya</b> University of Embu, Kenya
14:20–14:35	The Utility of Geochemistry and Mineralogy in Paleoenvironmental Studies: Case Study, Southern Kenya Rift Valley	<b>Francis Muchemi</b> National Museums of Kenya
14:35–14:50	The Mpala Savannah Monitoring Plot: an initiative towards the long-term monitoring of Kenyan highland savannas	<b>David Kenfack</b> Mpala Research Centre
14:50–15:05	Effects of Climate Change on Trout and Mountain Catfish in the Mount Kenya Region: Case Study of Rivers Nyamindi and Sagana, Kenya	<b>Joseph Gathua</b> National Museums of Kenya
15:05-15:20	Forest Conversion Alters Taxonomic and Functional Diversity of Oribatid Mite Communities Through Shifts in Environmental Conditions in Taita Hills, Kenya	<b>Stephen Kamesa</b> (Virtual) University of Chinese Academy of Sciences /National Museums of Kenya
15:20-15:35	Greenhouse Gas Emissions and Evolving Agricultural Practices for Climate Resilience in Nakuru County, Kenya	<b>Oscar Mirindi</b> University of Eldoret, Kenya
15:35-15:50	Functionally Diverse but Highly Threatened Herpetofauna: Community-Based Conservation in the Highlands of Central Kenya.	<b>Anthony Karani</b> University of Embu, Kenya
16:05 – 16:20	Climate change driven distribution shifts of threatened plant taxa in coastal forests of Kenya: Implications for Conservation	<b>Veronica Ngumbau</b> National Museums of Kenya
16:20 – 16:30	<b>Q &amp; A</b>	<b>All participants</b>
16:30 – 17:00	<b>Exhibition/Poster Session</b>	<b>All participants</b>
16:30 – 17:00	<b>Health Break and Networking</b>	<b>All participants</b>

## DIZ Lab– Biodiversity-Friendly and Climate-Smart Agriculture

<b>Session Moderator:</b> Dr. Mary Muchane, National Museums of Kenya		
<b>Session Rapporteurs:</b> Dennis Mbandi (Kenyatta University), PEBCA Case Study Candidate and Kevin Kipngetich, National Museums of Kenya		
14:05–14:20	Leveraging Wild Crucifer Diversity for Ecologically-Based Management of Diamondback Moth <i>Plutella xylostella</i> in Kenya	<b>Ruth Kahuthia</b> Kenyatta University
14:20–14:35	Fragrant Function: Floral Cues for Pollinator Attraction and Yield Enhancement in Broad Beans ( <i>Vicia faba</i> . L)	<b>Eric Muthama</b> <b>(Virtual)</b> University of Cambridge, UK
14:35–14:50	Climate-Smart Agriculture Strategies for Management of Potato Pests and Diseases in Kenya	<b>Anne Kimani</b> Mount Kenya University
14:50–15:05	Comparative Evaluation of Pozzolanic Properties of Rice Husk, Sugarcane Bagasse, Sawdust Ashes, and Activated Clays for Development of Supplementary Cementing Material in Concrete Production	<b>Odiwuor Vincent</b> University of Eldoret
15:05-15:20	Utilization Of Solar Heat in the Control of Cowpea Bruchid <i>Callosobruchus maculatus</i> F. (Coleoptera: Bruchidae) in Freshly Infested Cowpea <i>Vigna Unguiculata</i> Walp	<b>Marcel Medugu</b> Modibbo Adama University, Nigeria
15:20-15:35	Potential of <i>Aloe Vera</i> Peel Extract in Management of Aphids on Kales in Experimental Garden at Kenyatta University	<b>Amran Issack</b> National Museums of Kenya
15:35-15:50	Enhancing Pulses Yield and Quality Through Climate-Smart Technologies and Integrated Pests’ Management, in Ithanga, Murang’a County, Kenya	<b>David Muriithi (Virtual)</b> Kenyatta University
15:50-16:05	Effects of Mealybug Control Strategies on Silkworm Survival and Development in Semi-Arid Mulberry Sericulture in Kenya	<b>Maranga Wycliff Obara</b> Kenyatta University
16:05 – 16.20	<b>Q &amp; A</b>	<b>All participants</b>
16:20-17:00	<b>Exhibition/Poster Sessions</b>	<b>All participants</b>
16:20-17:00	<b>Health Break and Networking</b>	<b>All participants</b>

## Old Boardroom – Leveraging Digital Technologies

<b>Session Moderator:</b> Dr. Simon Musila, National Museums of Kenya		
<b>Session Rapporteurs:</b> Maxwell Abugri (University of Ghana), PEBCA Case Study Candidate and Charity Barasa, University of Eldoret		
14:05–14:20	Digital Technologies and AI-Enhanced Decision-Making in Street-Level Bureaucracy: Pathways for Biodiversity and Cultural Heritage Governance	<b>Fred Siambe Omweri</b> Machakos University
14:20–14:35	Towards Optimizing Digital Technology for Safeguarding and Promotion of Natural and Cultural	<b>David Mbutia</b> Research and Monuments
14:35–14:50	Advancing moth biodiversity monitoring in Kenya through automated machine imaging (AMI) and AI-based taxonomic identification	<b>Alex Musyoki</b> National Museums of Kenya
14:50–15:05	Historical Bird Atlas and Contemporary Citizen Science Data Reveal Long-Term Changes in Geographic Range of Kenyan Birds	<b>Sam Guchu</b> National Museums of Kenya
15:05-15:20	Remote Sensing Assessment of Structural Habitat Dynamics and Implications for Forest-Dependent Herpetofauna of the Cherangani Hills	<b>John O. Opiyo</b> National Museums of Kenya
15:20-15:35	Microhabitat complexity as a driver of rodent community structure in the Amboseli Ecosystem, Kenya	<b>Immaculate M. Mungai</b> National Museums of Kenya
15:35-15:50	Development of a digital database for dung beetle (Scarabaeidae) based on the National Museums of Kenya reference collection	<b>Morris Nzioka Mutua</b> National Museums of Kenya
15.50 – 16.05	Microsatellite GPS Tracking Movement and Distribution of the near Threatened Lesser Flamingo ( <i>Phoeniconaias minor</i> ) within the East African Rift Valley Lakes	<b>Timothy Mwinami</b> National Museums of Kenya
16:05 – 16:20	<b>Q &amp; A</b>	<b>All participants</b>
16:20-17:00	<b>Exhibition/Poster Session</b>	<b>All participants</b>
16:20-17:00	<b>Health Break and Networking</b>	<b>All participants</b>

## DAY 2: TUESDAY, 9<sup>TH</sup> JUNE 2026

<b>Session Moderator:</b> Dr. Boniface Ushie, African Academy of Sciences		
<b>Session Rapporteurs:</b> Vivian Kathambi, National Museums of Kenya and Tabitha Kiigo, Kenyatta University		
<b>Venue:</b> Louis Leakey Auditorium		
<b>Time</b>	<b>Activity</b>	<b>Speakers</b>
08:00 – 08:30	Registration/Exhibition	Organizing Committee
08:30 – 09:00	<b>Symposium 1:</b> Conservation in Kenya Flora & Fauna	<b>Lead Moderator:</b> Paul Gacheru, Nature Kenya  <b>Panelists:</b> Dr. Simon Musila, NMK; Morris Mutua, NMK; Dr. Beryl Bwong, NMK; Julius Nguku, NMK; Ann Kemen, Fauna & Flora; Josephine Nzilani, Fauna & Flora; Paul Waweru, Olpejeta Conservancy; Bernard Mwangi, Olpejeta Conservancy; Emmanuel Dhadho, Northern Rangelands Trust
09:00 – 09:35	<b>Keynote address 3:</b> The War You Win by Preventing: Converging Governance and Science to Protect Regional Food Security	<b>Dr. Muo Kasina</b>  <b>(Virtual)</b>  International Red Locust Control Organization for Central and Southern Africa, Zambia
9:35 – 10:10	<b>Keynote address 4:</b> Using the Past to Shape a Prosperous Future with Space for Wildlife, Functioning Ecosystems and Strong Economic Development	<b>Prof. Rob Merchant</b>  University of York Heslington
10:10-10:25	<b>Q &amp; A</b>	<b>All Participants</b>
10:25-10:30	<b>ICEA Lion Group</b>	<b>Representative</b>
10:30–11:00	<b>Health Break and Networking</b>	<b>All Participants</b>

## BREAK OUT SESSIONS

### Louis Leakey Auditorium – Biosystematics, Ecology, Evolution & Biogeography

<b>Session Moderator:</b> Dr. Dennis Ochieno, Masinde Muliro University of Science and Technology		
<b>Session Rapporteurs:</b> Peter Mwangangi (University of Nairobi), PEBCA Case Study Candidate and Amran Issack, National Museums of Kenya		
11:05–11:20	Diversity and Conservation of Succulent Plants in Kenya	<b>Neng Wei</b>  Wuhan Botanical Garden, Chinese Academy of Sciences, China
11:20–11:35	Mining and Biodiversity Conservation: A Case Study on the Impacts of Mine Rehabilitation and Habitat Restoration on Herpetofauna in Kwale Mine in Kenya	<b>Patrick K. Malonza</b>  National Museums of Kenya
11:35–11:50	Phylogeographic Relationships of Freshwater Crabs, <i>Potamonautes macleay</i> , 1838, in Central Kenya in Relation to Similar Species in Southern Africa Highlands (Decapoda: Potamonautidae)	<b>Zedekiah Okwany</b>  National Museums of Kenya
11:50–12:05	Unveiling Kenya's Orchid Diversity: Volume 4 of the Flora of Kenya	<b>Cai-Fei Zhang</b>  Wuhan Botanical Garden, Chinese Academy of Sciences, China
12:05–12:20	Temporal variation and community structure of ground and canopy dwelling beetles: The role of plant phenology and ground cover in a semi-arid floodplain, Ewaso Narok Kenya	<b>Jane M. Macharia</b>  National Museums of Kenya
12:20-12:35	Morphological and Molecular Characterization of Haloalkiliphilic Fungal Isolates from Hot-Spring Shores of Lake Magadi, Kenya	<b>Nathan Kiboi</b>  Masinde Muliro University of Science and Technology, Kenya
12:35-12:50	Vanishing from Floodplains: Coastal Topi ( <i>Damaliscus lunatus topi</i> ) Extinction Crisis in Kenya	<b>Simon Musila</b>  National Museums of Kenya
12:50-13:00	<b>Q &amp; A</b>	<b>All Participants</b>
<b>13:00-14:00</b>	<b>Lunch Break</b>	<b>All Participants</b>

## Louis Leakey Auditorium – Biosystematics, Ecology, Evolution & Biogeography

<b>Session Moderator:</b> Prof. Neng Wei, Wuhan Botanical Garden, Chinese Academy of Sciences, China		
<b>Session Rapporteurs:</b> Nuwagaba Leonidas (University of Eldoret), PEBCA Case Study Candidate and Erakiel Moraa, Egerton University		
14:05–14:20	Regeneration Dynamics in Forest Gap Environments of Kenya’s Afromontane Forests, Thematic Area	<b>Christopher Chesire</b> National Museums of Kenya
14:20–14:35	Plant diversity in Yunnan	<b>Qian Li-shen</b> Kunming Institute of Botany, Chinese Academy of Sciences
14:35–14:50	Diversity Assessment of Macrofungi in Mt Kenya, Nyeri County	<b>Susan Kabacia</b> National Museums of Kenya
14:50–15:05	Ecological Assessment of <i>Hyperolius Rubrovermiculatus</i> (Shimba Hills Reed Frog) in Kwale County, Kenya; Distribution, Population Size and Breeding Patterns.	<b>Beryl Bwong</b> National Museums of Kenya
15:05-15:20	Taxonomic Revision of the Genus Sasa (Poaceae: Bambusoideae) from China	<b>Yihua Tong</b> South China Botanical Garden, Chinese Academy of Sciences
15:20-15:35	Assessing Forest Landscape Restoration Efforts Using Non-Volant Small Mammal Habitat Modelling Around the Nyandungu Eco-Park, Kigali City, Rwanda	<b>Erneste Uwimana</b> Dian Fossey Gorilla Fund, Rwanda
15:35-15:50	Influence of Land Use Practices on Water Quality, Macroinvertebrates and Mayflies (Ephemeroptera) in The Nzoia River, Kenya	<b>Juliana Anyango</b> Kenyatta University, Kenya
15:50-16:05	Post-Mining Biodiversity and Structure of Plant Communities in the Rehabilitated Landscape: The Case of Buzwagi Gold Mine, Kahama, Tanzania	<b>Japhet Noah Mwambusi</b> Sokoine University of Agriculture and Technology
16:05 – 16:20	Assessment of fish species along Northern Ewaso Ngi’ro river basin in Laikipia County, Kenya	<b>Julius Nguku</b> National Museums of Kenya
16:20 – 16:40	<b>Q &amp; A</b>	<b>All participants</b>
16:40-17:00	<b>Exhibition/Poster Session</b>	<b>All participants</b>
16:40-17:00	<b>Health Break and Networking</b>	<b>All participants</b>

**DNRR Seminar Room – Indigenous and Local Knowledge/ Biodiversity-Friendly and Climate-Smart Agriculture**

<b>Session Moderator:</b> Evanson Omuse, International Centre of Insect Physiology and Ecology ( <i>icipe</i> )		
<b>Session Rapporteurs:</b> Betsy Alice (University of Nairobi), PEBCA Case Study Candidate and Justin Ibrahim, Egerton University		
11:05–11:20	How do Swahili Heritage Landscapes Serve as Living Repositories of Indigenous Ecological Knowledge for Insect Pollinator Conservation in Coastal Kenya?	<b>Jane Muthoni</b> National Museums of Kenya
11:20–11:35	Ethnobiological Heritage of the Lepchas in the Sikkim Himalaya	<b>Kishore Kumar Thapa</b> Dinhata College, India
11:35–11:50	Managing Fall Armyworm in Maize: Farmer Knowledge and Practices from Masii Ward, Kenya	<b>Joseph Mulwa</b> Kenyatta University
11:50–12:05	Frog and Reptile Conservation Through the Lens of South Africa’s Nature-based Indigenous Practices	<b>Fortunate Phaka</b> North-West University, SA
12:05–12:20	Roots of Faith: How Indigenous Spirituality Protects the Forests of North East India	<b>Bappa Sarkar</b> Dinhata College, India
12:20-12:35	To Determine the Effect of Seed Pelleting on Germination Percentage and Rate of <i>Cleome gynandra</i> L. Seeds.	<b>Muga Moses</b> University of Eldoret
12:35-12:50	An Assessment of the Effectiveness of Mangrove Restoration Projects Using Different Germplasm in Lamu Southern Swamp Ecosystem, Kenya: A Case of Seedlings Vs Propagules	<b>Emmanuel Kenga</b> Kenya Forest Research Institute
12:50-13:00	Semi-Circular Bunds and Restoration of Rangeland Vegetation in Naibunga, Laikipia Kenya	<b>Walter Nyamolo</b> National Museums of Kenya
<b>13:00-14:00</b>	<b>Lunch Break</b>	<b>All Participants</b>

**DNRR Seminar Room – Indigenous and Local Knowledge/ Biodiversity-Friendly and Climate-Smart Agriculture**

<b>Session Moderator:</b> Anne Kimani, Mount Kenya University		
<b>Session Rapporteurs:</b> Diana Thakya Kasomo (University of Nairobi), PEBCA Case Study Candidate and Ian Theuri, Pwani University		
14:05–14:20	You Can Benefit Without Destroying: Lessons in Sustainable Utilization from Yala Swamp, Kenya	<b>James Maua</b> Kenya Forestry Research Institute
14:20–14:35	Traditional Ecological Knowledge Key to Species Recovery When Scientific Inference is Limited by Small Remnant Populations	<b>Solomon Wachiuri Muturi</b> Rhino Ark Charitable Trust
14:35–14:50	Biodiversity Friendly and Climate Smart Livelihoods for Resilient Landscapes and Seascapes	<b>Ann Komen</b> Fauna & Flora
14:50–15:05	The Effects of Management Practices on the Conservation of Beneficial Symbiotic Microbes in Agro-Ecosystems in Coastal Kenya.	<b>Christine Chai</b> Pwani University
15:05-15:20	Riverine Ecosystem Health and Potential for Sustainable Restoration: A case of River Kiminini, Trans-Nzoia County, Kenya	<b>Charity Barasa</b> University of Eldoret, Kenya
15:20-15:35	Cereal Production Under Selected Climate Smart and Integrated Pest Management Approaches in Ithanga a Semi-arid Area in Murang’a County	<b>Jilande Matere</b> Kenyatta University
15:35-15:50	Effect of Varying Levels of Paper Mulberry Leaf Meal on the Chemical Composition, Gas Production and Fermentation Kinetics of Rhodes Grass Hay	<b>Clare Adekur</b> Egerton University
15:50 -16.05	Locust and Cricket Frass as a Biofertilizer for Cowpea ( <i>Vigna unguiculata</i> )	<b>Alblight Mutugi</b> Jaramogi Oginga Odinga University of Science and Technology
16:05-16:20	Governance, Ecosystem Services, and Livelihoods: Integrated Insights from the Mijikenda Kaya Forests	<b>Yvonne Wambui Githiora</b> Kenyatta University
16:20-16:30	<b>Q &amp; A</b>	<b>All Participants</b>
16:30-17:00	<b>Exhibition/Poster Session</b>	<b>All Participants</b>
16:30-17:00	<b>Health Break and Networking</b>	<b>All Participants</b>

**Old Boardroom – Livelihood Strategies in Biodiversity-Based Enterprises/ Policy Frameworks in Heritage Management**

<b>Session Moderator:</b> Prof. Eucharia Kenya, University of Embu		
<b>Session Rapporteurs:</b> Jane Njagi (Kenyatta University), PEBCA Case Study Candidate and Eliud Kiprono, National Museums of Kenya		
11:05–11:20	Community-Based Approaches to Biodiversity and Heritage Management for Socio-Economic Development in African Rural Area	<b>Nimrod Sidon</b> National Museums of Kenya
11:20–11:35	Dissemination of Research Evidence to Marginalized Communities: A Practical Model	<b>Kellen Kiambati</b> Karatina University
11:35–11:50	The Coexistence Co-op: alleviating the threat of poisoning through community-based training	<b>Faith Achieng</b> The peregrine Fund
11:50–12:05	Energizing Biodiversity-Based Enterprises: Transdisciplinary Networks for Climate-Smart Livelihoods in East Africa	<b>Lameck K. Nkhonjera</b> Mzuzu University, Malawi
12:05–12:20	Evidence-based Advocacy: A Historical Profile of Involvement of Uganda’s Cultural Institutions in the Forest Policy Processes since 1929	<b>Susan Nansereko</b> National Forestry Resources
12:20-12:35	Rescuing the Insect from the Grinding Core of Conflicting Sustainable Development Goals	<b>Dennis M.W. Ochieno</b> Masinde Muliro University of Science and Technology
12:35-12:50	Monitoring Kenya’s Key Biodiversity Areas for Conservation Priority Setting	<b>Paul Gacheru</b> Nature Kenya
12:50-13:00	<b>Q &amp; A</b>	<b>All Participants</b>
13:00-14:00	<b>Lunch Break</b>	<b>All Participants</b>

## Old Boardroom – Livelihood Strategies in Biodiversity-Based Enterprises

<b>Session Moderator:</b> Olga Surikova, The Vassily Polenov Fine Arts Museum and National Park		
<b>Session Rapporteurs:</b> Stephene Shirengo (Masinde Muliro University of Science and Technology), PEBCA Case Study Candidate and Faith Cheronoh, Pwani University		
14:05–14:20	Global Sericulture: From Soil to Silk	<b>Prof. Suresh Raina</b> , Nagpur University, India
14:20–14:35	Eri silk farming and Textiles production in Makueni, Kenya	<b>Nyokabi Mwangi</b> Tosheka textiles Limited
14:35–14:50	Elephant Dung Mushrooms: Co-creating Co-benefits for Human–elephant Co-existence and Corridor Protection in Naibunga Conservancy, Kenya	<b>Antony Wandera</b> Wyss Academy for Nature
14:50–15:05	Revitalizing Sericulture Heritage for Economic Transformation through wild and domesticated silkworms in Kenya	<b>Linah Muhonja</b> National Sericulture Research Centre, KALRO
15:05-15:20	The Plight of the Grey Crowned Crane amidst Conflicts in their Key Hotspot Areas in Kenya	<b>Philista Malaki</b> National Museums of Kenya
15:20-15:35	Forest based sericulture and its potential role in community livelihood enhancement and biodiversity conservation	<b>Boniface M. Ngoka</b> Insectech Farm Solutions
15:35-15:50	Community Composition, Abundance, and Foraging Guilds of Waterbirds in Sewerage Treatment Ponds of Ruai, Nairobi City, Kenya	<b>Fredrick Awuor</b> National Museums of Kenya
15.50 – 16.05	Assessment of Dietary Adaptation of Sykes Monkey ( <i>Cercopithecus mitis albogularis</i> ) in Peri Urban Environment A Case Study of City Park Nairobi – Kenya	<b>Aziza Zuhura</b> National Museums of Kenya
16:05 – 16.20	<b>Q &amp; A</b>	<b>All Participants</b>
16:20-17:00	<b>Exhibition/Poster Session</b>	<b>All Participants</b>
16:20-17:00	<b>Health Break and Networking</b>	<b>All Participants</b>

## DIZ Lab – Climate Change Adaptation & Mitigation Strategies

<b>Session Moderator:</b> Francis Muchemi, National Museums of Kenya		
<b>Session Rapporteurs:</b> Ruth Nawakwi (University of Zambia), PEBCA Case Study Candidate and Christine Chai, Pwani University		
11:05–11:20	Quaternary Diatoms and Palaeo Environments of the Koora Plain, Southern Kenya Rift	<b>Veronica Muiruri</b> National Museums of Kenya
11:20–11:35	Multi-model Intercomparison and Evaluation of Rainfall and Temperature Across the Dryland Region of Ewaso Ngiro Basin, Kenya	<b>Brian Odhiambo Ayugi</b> Wyss Academy for Nature at the University of Bern
11:35–11:50	Climate Change and Its Influence on Hydrological Patterns in Kenya’s Rift Valley Lakes: A Case Study of Lakes Naivasha, Baringo, and Bogoria	<b>Macloud Sirengo</b> Sigalagala Polytechnic, Kenya
11:50–12:05	Toward Integrated Termite Management for Climate-Resilient Dryland Restoration in achieving Kenya’s 15 Billion Tree Initiative	<b>Miriam Gathogo</b> Kenya Forest Research Institute
12:05–12:20	Enhanced Vegetation Index Predicts Biodiversity Responses in Semi-Arid Seasonal Productivity Gradients	<b>Dickens Odeny</b> Wyss Academy for Nature at the University of Bern, Nanyuki, Kenya
12:20-12:35	Tea plantations as potential habitat and refuge for avifauna in Kenya	<b>Titus Imboma</b> National Museums of Kenya
12:35-12:50	Expanding Protected Areas to Safeguard Kenya’s Herpetofauna Under Climate Change	<b>Ronnie Mwangi Kimani (Virtual)</b> National Museums of Kenya
12:50-13:00	<b>Q &amp; A</b>	<b>All Participants</b>
<b>13:00-14:00</b>	<b>Lunch Break</b>	<b>All Participants</b>

## DIZ Lab – One Health

<b>Session Moderator:</b> Brian Odhiambo Ayugi – Wyss Academy for Nature at the University of Bern		
<b>Session Rapporteurs:</b> Susan Kabacia, National Museums of Kenya and Nathan Kiboi, Masinde Muliro University of Science and Technology		
14:05–14:20	DNA metabarcoding unravels illegal substitution and contamination of herbal mixtures from selected markets in Kenya.	<b>Ann Mwaura</b> National Museums of Kenya
14:20–14:35	Proximate and Nutritional Profile of Ameru Traditional Fermented Porridge	<b>Ntongodu Caroline</b> Meru University of Science and Technology
14:35–14:50	Ticks and Coxiella burnetii exposure in one-Humped Camels (Camelus dromedarius) in Maiduguri, Northeastern, Nigeria	<b>ThankGod Onyiche</b> University of Maiduguri, Nigeria
14:50–15:05	Integrating Mental Health into the One Health Framework: Psychological Implications of Biodiversity Loss and Human–Wildlife Interactions in East African Conservation Landscapes	<b>Solomon Mumah</b> The Psychological Society of Kenya (PSK)/ The Technical University of Kenya
15:05-15:20	A One Health Immunoinformatics Approach in Designing a Multi-Epitope Vaccine Targeting Plasmodium falciparum and Anopheles gambiae	<b>Joan Amban Chick</b> Covenant University, Ota, Nigeria
15:20-15:35	A One Health Perspective on Maternal-Neonatal Passive Immunity: Socio-Environmental Correlates of Malaria Antibody Transfer in Western Kenya	<b>Mary Kioko</b> Mount Kenya University
15:35-15:50	Promoting Maternal Health Through Indigenous Dietary Foods Among Pregnant Women in the Nandi Community of Nandi County, Kenya	<b>Sally Chepchirchir</b> Karatina University
15.50 – 16.05	Zoonotic Spill-Over Risky Assessment: Reasons for Places, Species and Viruses to Watch	<b>Bernard Agwanda</b> National Museums of Kenya
16:05- 16.20	<b>Q &amp; A</b>	<b>All Participants</b>
16:20-16:40	<b>Exhibition/Poster Session</b>	<b>All Participants</b>
16:40-17:00	<b>Health Break and Networking</b>	<b>All Participants</b>

## DAY 3: WEDNESDAY, 10<sup>TH</sup> JUNE 2026

<b>Session Moderator:</b> Prof. Linet Gohole, University of Eldoret		
<b>Session Rapporteurs:</b> Elijah Kikuvi, Kenyatta University, PEBCA Case Study Candidate and Erneste Uwimana, Dian Fossey Gorilla Fund, Rwanda		
<b>Venue: Louis Leakey Auditorium</b>		
<b>Time</b>	<b>Activity</b>	<b>Speakers</b>
08:00 – 08:30	Registration/Exhibition	All participants
08:30 – 09:00	<b>Symposium 2:</b> Sericulture for biodiversity and economic transformation	<b>Lead panelist:</b> Dr. Boniface Ngoka, Insectect Farm Solutions  <b>Panelists:</b> Prof. Suresh K. Raina, Nagpur University; Prof. Esther Kioko, NMK; Dr. Namikoye Samita, Kenyatta University; Dr. Muo Kasina, International Red Locust Control Organization for Central and Southern Africa, Zambia; Dr. Jogesh Deuri, Director of Sericulture Government of Assam, BTC; Dr. Linah Muhonja, National Sericulture Research Centre, KALRO; Ms. Nyokabi Mwangi, Tosheka textiles Limited
09:00 – 09:35	<b>Keynote address 5:</b> Biodiversity Friendly and Climate Smart Agriculture	<b>Prof. Suresh K. Raina,</b> Nagpur University, India
9:35 – 10:10	<b>Keynote address 6:</b> Eri culture as Fibre and Human Food -BTC Economy Model-case Study in Bodoland Territorial Council (BTC) Assam, India	<b>Dr. Jogesh Deuri,</b> Director of Sericulture Government of Assam, BTC
10:10-10:25	<b>Q &amp; A</b>	<b>All keynote speeches</b>
10:25-10:45	<b>AKE awards</b>	<b>Dr. Namikoye Samita</b>  Chair AKE, Kenyatta University
10:45–11:00	<b>Health Break and networking</b>	<b>All participants</b>

## BREAKOUT SESSIONS

### Louis Leakey Auditorium – Biosystematics, Ecology, Evolution & Biogeography

<b>Session Moderator:</b> Dr. Titus Imboma, National Museums of Kenya		
<b>Session Rapporteurs:</b> Mercy Kariuki (Kenyatta University), PEBCA Case Study Student and Esther Mwendu, Chuka University		
<b>Time</b>	<b>Presentation Topic</b>	<b>Presenter</b>
11:05–11:20	Altitudinal Range Dynamics of the Understorey Bird Community in Mount Kasigau, Kenya, 2011–2025	<b>Laura Martínez-Íñigo</b> Wildlife Works, Kenya
11:20–11:35	Forest Fragmentation and Elevation Gradients Shape Hawkmoth (Sphingidae) Communities in the Taita Hills Biodiversity Hotspot	<b>Esther N. Kioko</b> National Museums of Kenya
11:35–11:50	Assessment of Aquatic Herpetofauna Along Upper River Ewaso Ng'iro in Laikipia County, Kenya	<b>Vincent Muchai</b> National Museums of Kenya
11:50–12:05	Plant diversity in Qinghai-Tibet Plateau (QTP) alpine subnival flora	<b>Zhou Zhuo</b> Kunming Institute of Botany, Chinese Academy of Sciences
12:05–12:20	Unlocking Fungi Communities in Lake Ol Bolossat Basin and Associated Riparian Ecosystems in Central Kenya	<b>Mary N. Muchane</b> National Museums of Kenya
12:20-12:35	Molecular Phylogenetics of Kenyan Aloes	<b>Joseph Mburu Njogu</b> University of Oslo
12:35-12:50	Phylogeny niche predictive framework for potential medicinal plant discovery in Tropical East Africa	<b>Yuvenalis Mbuni</b> National Museums of Kenya
12:50-13:00	<b>Q &amp; A</b>	<b>All participants</b>
<b>13:00-14:00</b>	<b>Lunch Break</b>	<b>All participants</b>

## Louis Leakey Auditorium – Biosystematics, Ecology, Evolution & Biogeography

<b>Session Moderator:</b> Dr. Laura Martínez-Íñigo Wildlife Works, Kenya		
<b>Session Rapporteurs:</b> Wycliff Obara, Kenyatta University and Naomi Ngeny Chepkemoi, Chuka University		
14:05–14:20	Migration-Driven Land Use Change in Sub-Saharan Africa: A Case Study of Northeastern Nigeria	<b>Deborah Ishaku</b> Ngombe State Polytechnic, Nigeria
14:20–14:35	Multiple anthropogenic pressures reduce a high-canopy forest to an ecological forest edge: Insights from comparative avifauna studies in South Nandi and North Nandi Forests	<b>Ronald Mulwa</b> National Museums of Kenya
14:35–14:50	Understanding All Stages of Decomposition Amid Microclimate Variability in the Virunga Massif	<b>Thierry Ntaganira</b> Dian Fossey Gorilla Fund, Rwanda
14:50–15:05	A Taxonomic Study of the Cyprinid Genus <i>Labeobarbus</i> in Kenya: Species Delimitation and Conservation Implications	<b>Gilbert Kosgei</b> National Museums of Kenya
15:05-15:20	From Hive to Habitat: Using Mellisopalynology to Classify Honey and Monitor Land Degradation	<b>Rahab Kinyanjui</b> National Museums of Kenya
15:20-15:35	Ecological and Biogeographic Assessment of <i>Mandoea</i> in Kenya	<b>Mustafa Adamji</b> Private Consultant
15:35-15:50	National Baseline Assessment of Bee Diversity, Distribution, and Conservation Awareness Across Africa and Rwanda’s Ecosystems	<b>Jean d'amour Byiringiro</b> University of Rwanda
15:50-16:05	Spatial and Seasonal Variation in Abundance and Diversity of Reptiles in Shimba Hills National Reserve, Kwale County, Kenya	<b>Thomas Odeyo (Virtual)</b> Kenyatta University
16:05-16:25	Ecology and Conservation of Kenya Endemic Swallowtail Butterfly, <i>Papilio desmondi teita</i> : Old Questions, Challenges and Opportunities	<b>Oliver C. Genga (Virtual)</b> University of Pretoria, South Africa
16:25-16:40	<b>Q &amp; A</b>	<b>All Participants</b>
16:40-17:00	<b>Exhibition/ Poster Session</b>	<b>All Participants</b>
16:40-17:00	<b>Health Break and Networking</b>	<b>All Participants</b>

**DNRR seminar room – Managing Invasive and Alien Species / One Health Approach**

<b>Session Moderator:</b> Paul Gacheru, Nature Kenya		
<b>Session Rapporteurs:</b> Nancy Matere, Kenyatta University and Jean d'amour Byiringiro, University of Rwanda		
11:05–11:20	Influence of Storage duration and Pest density on Maize Damage by the maize weevil ( <i>Sitophilus zeamais</i> ) in Kitui County, Kenya	<b>Ricarda Macharia</b> Kenyatta University
11:20–11:35	Assessing Distribution Patterns and Elevation-Related Variations in <i>Lantana camara</i> Invasion Intensity in the Lower Imenti Forest, Kenya	<b>Serah Riungu</b> Meru University of Science and Technology
11:35–11:50	Waste Management in peri urban areas	<b>Njeri Kiigo</b> Kenyatta University
11:50–12:05	Anti-Infectives from Kenya's Biodiversity	<b>Mark Kimani</b> University of Embu
12:05–12:20	Finding Glory in East Africa Morning Glories (Convolvulaceae)	<b>Vivian Kathambi</b> National Museums of Kenya
12:20-12:35	Global Sentinels: The Palearctic-Afrotropical Flyway as a Conduit for Antimicrobial Resistance in Wintering Little Stints ( <i>Calidris minuta</i> )	<b>Catherine W. Mbutia</b> Sokoine University of Agriculture, Morogoro, Tanzania
12:35 – 12:50	<b>Q &amp; A</b>	<b>All participants</b>
12:50-13:00	<b>Exhibition/Poster Session</b>	<b>All participants</b>
<b>13:00-14:00</b>	<b>Lunch Break</b>	<b>All participants</b>

**DNRR Seminar Room – Indigenous and Local Knowledge/ Managing Invasive and Alien Species**

<b>Session Moderator:</b> Dr. Paul Kirika, National Museums of Kenya		
<b>Session Rapporteurs:</b> John Opiyo, National Museums of Kenya and Howard Atubwa, National Museums of Kenya		
14:05–14:20	The Indigenous Herbal and Navigation Knowledge of the Peoples of Kenya: Critical Assessment of their Relevance	<b>Philemon Nyamanga</b> National Museums of Kenya
14:20–14:35	Indigenous Knowledge Systems and Ecological Stewardship: The Kalenjin Community's Approach to Biodiversity Management and Cultural Preservation	<b>Baroswa FK Talam</b> National Museums of Kenya
14:35–14:50	Linguistic conceptualizations of sustainable resource conservation by the Luo of the Lake Victoria Basin ecosystem in Kenya	<b>Benson Ojwang</b> Kaimosi Friends University
14:50–15:05	Acquisition, preservation and documentation of traditional agricultural knowledge among small-scale farmers in Mogotio subcounty, Kenya	<b>Felicitas Ratanya</b> Kenyatta University
15:05-15:20	Harnessing Biodiversity and Cultural Heritage for economic transformation through Indigenous and local knowledge	<b>Khadija Issa Twahir</b> Lamu Fort Museum Library
15:20-15:35	Conservation Ecology of Raptors in and around cross River National Park: Ecological Trends and Local Knowledge.	<b>John Kasaya</b> National Museums of Kenya
15:35-15:50	Diversity of armored scale insects and their natural enemies in Kenya: interactions between alien invasive and native species	<b>Francis Obala</b> International Centre of Insect Physiology and Ecology ( <i>icipe</i> )
15:50-16:05	Do Land Use Systems and Soil Fertility Affect <i>Parthenium hysterophorus</i> Invasion in Baringo, Kenya?	<b>Daisy Mutuku</b> University of Bonn
16:05-16:20	Harnessing Invasive Aquatic Biomass for Sustainable Materials: Water Hyacinth-Derived Biopolymers for Economic Transformation	<b>Vitalice Octor Ouma</b> Taita Taveta University
16.20 – 16.35	Arthropod assemblages and ecological balance in intensified push-pull technology	<b>Evanson R. Omuse</b> International Centre of Insect Physiology and Ecology ( <i>icipe</i> )
16:35 – 16.45	<b>Q &amp; A</b>	<b>All participants</b>
16:45-17:00	<b>Exhibition/Poster Session</b>	<b>All participants</b>
16:45-17:00	<b>Health Break and Networking</b>	<b>All participants</b>

## Old Board Room – Policy Frameworks in Heritage Management

<b>Session Moderator:</b> Dr. Veronicah Ngumbau, National Museums of Kenya		
<b>Session Rapporteurs:</b> David Mwanzia, (South Eastern Kenya University), PEBCA Case Study and Vitalice Octor Ouma, Taita Taveta University Student		
11:05–11:20	From Participation to Policy Influence: Youth Agroecologists and Climate Advocates in Kenya’s Food Systems Transformation	<b>Namikoye Samita</b> Kenyatta University
11:20–11:35	The Inter-relationships Between Community-Based Conservation Governance Arrangements and Lion Conservation in Amboseli Ecosystem, Kenya	<b>Margaret Muriuki</b> Karatina University
11:35–11:50	Red Locust ( <i>Nomadacris septemfasciata serville</i> ) Outbreaks and Invasion Corridors in Sub Saharan Africa: Operational Lessons and Policy Implications	<b>Muo Kasina</b> <b>(Virtual)</b> International Red Locust Control Organization for Central and Southern Africa, Zambia
11:50–12:05	Co-creating Innovation Pathways for Water-Climate-Cultural Heritage Resilience: Evidence from Multi-Regional Stakeholder Engagement	<b>Boniface Ushie</b> African Academy of Sciences
12:05–12:20	Trade, Management, and Conservation of <i>Osyris lanceolata</i> in East Africa: A Semi-Systematic Review	<b>Agnes M. Lusweti</b> National Museums of Kenya
12:20-12:35	The role of the National Museums of Kenya in the implementation of the Global Biodiversity Framework targets by 2030	<b>Itambo Malombe</b> National Museums of Kenya
12:35-12:50	New Approaches to the Preservation of Theatre History in Russia as a Foundation for the Management of the National Theatrical Heritage	<b>Kristina Trubnova</b> Bakhrushin State Theatre Museum
12:50-13:00	From Research to Uptake: Stakeholder Perspectives on Implementing Water–Climate–Heritage Solutions in Africa	<b>James Mushori</b> African Academy of Sciences
13:00 -14:00	Lunch Break	<b>All Participants</b>

## Old Board Room - Leveraging Digital Technologies

<b>Session Moderator:</b> Dr. Dickens Odeny, Wyss Academy for Nature, University of Bern, Switzerland		
<b>Session Rapporteurs:</b> Moses Muga, University of Eldoret and Reuben Kipkorir, Chuka University		
14:05–14:20	Beyond the Artifacts: Leveraging Digital Technology to Document the Intangible Heritage of Exhibitions	<b>Alexander Mereskin</b> Moscow Transport Museum, Russia
14:20–14:35	Leveraging citizen science for zoonotic disease surveillance in wildlife and arthropods of Kenyan national parks.	<b>Nahashon Kiana</b> National Museums of Kenya
14:35–14:50	Screening Methods for Downy Mildew Resistance in Maize: A systematic Review	<b>Mable Chebichii Kipkoech</b> Eduardo Mondlane University, Mozambique
14:50–15:05	From Heritage to Prosperity: Harnessing Artificial Intelligence for the Preservation of Kenyan Cultures and Sustainable Economic Development	<b>David Mugo</b> University of Embu
15:05-15:20	Transforming Economies through Digital Heritage and Biodiversity Information Services	<b>Vivienne Nandokha</b> National Museums of Kenya
15:20-15:35	Eco-Intelligence in Africa: Merging Ancestral Intelligence and Artificial Intelligence for Climate Resilience	<b>Emmanuel Were</b> Kenyatta University
15:35 -15:50	DOCiD™: An African-owned Digital Infrastructure for Preserving Biodiversity, Indigenous Knowledge, and Cultural Heritage	<b>Nicholas Omino</b> Training Centre in Communication, Africa PID Alliance Project
15:50 -16:05	Assessing The Role of Digital Technologies in Managing Risks to Architectural Heritage in Bukavu, DR Congo	<b>Wilondja Mubake</b> Institut Supérieur Des Arts Et Métiers Isam Bukavu
16:05 – 16:25	<b>Q &amp; A</b>	<b>All Participants</b>
16:25 – 17:00	<b>Exhibitions/Poster Session</b>	<b>All Participants</b>
16:25 – 17:00	<b>Health Break and Networking</b>	<b>All Participants</b>

## DIZ Lab: Conservation of Geo Heritage and Cultural Landscapes

<b>Session Moderator:</b> Kristina Trubinova Bakhrushin State Theatre Museum Session <b>Rapporteurs:</b> Anthony Karani, University of Embu and Esther Wasike, Farmers Educator		
11:05–11:20	The Permian Period Museum: Geological Heritage a Resource for Cultural and Tourist Development	<b>Yuliya Glazyrina</b> Perm Regional Museum, Russia
11:20–11:35	Seed and Seedling Function Traits Assessment to Improve Ex-situ Conservation and Ecological Restoration of the Kenyan Coastal Forest	<b>Ian Mwaniki Theuri</b> Pwani University and Centre for Ecosystem Restoration Kenya
11:35–11:50	The Eco-Trail as an Effective Way to Reduce Human Impact on a Protected Area"	<b>Olga Surikova</b> The Vassily Polenov Fine Arts Museum and National Park, Russia
11:50–12:05	Socio-Economic Impacts of Cultural Landscapes in the Lake Victoria Basin, Kenya	<b>Lydia Nafula</b> National Museums of Kenya
12:05–12:20	The Experience of the School of ICOM Russia: Module "Museums and Sustainable Development.	<b>Irina Prokhorova</b> I. S. Shemanovsky Museum and Exhibition Complex, Yamal, Russia
12:20-12:35	Mapping the Research Footprint of the National Museums of Kenya: A Field-Wide Bibliometric Assessment	<b>Emmanuel Ndiema</b> National Museums of Kenya
12:35-12:50	Digitization of Archaeological and Paleontological Photo Slides: A Step Toward Long-Term Preservation and Accessibility.	<b>Moses Esekon</b> National Museums of Kenya
12:50-13:00	<b>Q &amp; A</b>	<b>All Participants</b>
<b>13:00-14:00</b>	<b>Lunch Break</b>	<b>All Participants</b>

## DIZ Lab – Conservation of Geo Heritage and Cultural Landscapes

<b>Session Moderator:</b> Dr. Rahab Kinyanjui, National Museums of Kenya		
<b>Session Rapporteurs:</b> Christine Maroma (National Museums of Kenya), PEBCA Case Study Student and Scholar Irungu, Chuka University		
14:05–14:20	The Museum as a Starting Point for Restoring Historical Memory and Shaping the City's Identity.	<b>Olga Guseva</b> Perm State Art Gallery, Russia
14:20–14:35	From Commons to Commodities: Forest Loss Dynamics in Kenya's Kaya Sacred Forests	<b>Joslyn Muthio Nzau</b> Center for Development Research University of Bonn, Germany
14:35–14:50	Emotional Resilience and Intercultural Dialogue as Elements of Sustainable Community Development. The Role and Responsibility of Museums.	<b>Anna Makarchuk</b> Jewish Museum and Tolerance Center, Russia
14:50–15:05	Effects of Climate Change on National Museums of Kenya (NMK) Tangible Heritage for Sustainability, Adaptation and Resilience; Integrating Climate Action Strategies	<b>Rodah Lange</b> National Museums of Kenya
15:05–15:20	Museum on the Arctic Circle - Popularization of Traditional Culture and Modern Approaches to Environmental Education.	<b>Victoria Samsonova</b> I. S. Shemanovsky Museum and Exhibition Complex, Yamal, Russia
15:20 – 15.35	The Microarchaeology of Ogiek Hearths and the Importance of Traditional Fire-Making in Paleoanthropology	<b>Dimitri Papavasiliou</b> Rutgers University, Russia
15.35 – 15.50	Suguta Valley: Evidence for Designation as an Important Bird Area from Integrated Avifaunal Surveys	<b>John Musina</b> National Museums of Kenya
15.50 – 16.05	Effects of Climate Change on National Museums of Kenya (NMK) Tangible Heritage for Sustainability, Adaptation and Resilience; Intergrating Climate Action Strategies.	<b>Lilian Amwanda</b> Kabarnet Museum, NMK
16:05 -16:20	Tracing our ancestors: bringing the classroom to life through the Ileret footprint Site education programs in Marsabit county, Kenya	<b>Albert Otieno</b> National Museums of Kenya
16:20 -16:30	<b>Q &amp; A</b>	<b>All Participants</b>
16:30 – 17:00	<b>Exhibitions/Poster Session</b>	<b>All Participants</b>
16:30 – 17:00	<b>Health Break and Networking</b>	<b>All Participants</b>

## DAY 4: THURSDAY, 11<sup>TH</sup> JUNE 2026

<b>Session Moderator:</b> Prof. Benson Ojwang, Kaimosi Friends University		
<b>Session Rapporteurs:</b> Aurelia Nzyoki, Kenya Agricultural and Livestock Research Organization/ Judith Nyamai, National Museums of Kenya		
<b>Venue: Louis Leakey Auditorium</b>		
<b>Time</b>	<b>Activity</b>	<b>Speakers</b>
08:00 – 08:30	Registration/Exhibition	Conference Secretariat
08:30 - 09:00	<b>Keynote address 7:</b> Insects as Architects of Agroecological Transformation: Lessons from Pollen Glory Farm in the South East Kenya Grasslands	<b>Prof. (Emeritus) Gideon Nyamasyo</b>
9:00 – 09:35	<b>Keynote address 8:</b> Technological Innovation for Protecting Biodiversity in Africa—Biodiversity & Conservation in Eastern Africa;	<b>Prof. Qing-Feng Wang</b> Wuhan Botanic Garden
9:35 – 10:10	<b>Keynote address 9:</b> Biodiversity Monitoring for Nature Conservation	<b>Prof. Margaret Owuor (Virtual)</b> Wyss Academy for Nature, University of Bern
10:10 –10:25	<b>Q &amp; A</b>	<b>All keynote speeches</b>
10.25 – 10.35	<b>African Academy of Sciences</b>	<b>Representative</b>
10:35–11:00	<b>Health Break and networking</b>	<b>All</b>

### Louis Leakey Auditorium – PEBCA Case studies Students Presentations

<b>Session Moderator:</b> Dr. Namikoye Samita, Kenyatta University		
<b>Session Rapporteurs:</b> Anne Nyandiala, National Museums of Kenya and Margaret Wangare, Pwani University		
<b>Time</b>	<b>Activity</b>	<b>Speakers</b>
11:05–11:15	Climate Change, Coastal Biodiversity, and Heritage Resilience in Lamu Old Town, Kenya	<b>Dennis Mbandi</b> Kenyatta University, Kenya
11:15–11:25	Comparative Study of the Phytochemical Diversity and Antioxidant Activity of Selected Edible Plants	<b>Betsy Alice</b> University of Nairobi
11:25-11:35	Tides of Collaboration: Sustaining Heritage Tourism at Manda Bay through the Public-Private-Community Partnerships (PPCP) Model	<b>Mercy Muthoni Kariuki</b> Kenyatta University
11:35 -11:45	Characterization of antimicrobial-resistant bacteria and genes in surface waters of Tana, Athi, and Malewa river basins.	<b>Marystella Sirengo</b> University of Eldoret
11:45 – 11:55	Insecticidal potential of the aqueous extracts of Citrus sinensis peels and Chromolaena odorata leaves against insect pest complex of garden eggs under open field conditions	<b>Maxwell Abugri Awenpanga</b> University of Ghana
11:55 – 12:05	Adoption and Perceived Impacts of Selected Nature-Based Practices on Soil Health and On-farm Biodiversity in Kiambu County, Kenya	<b>Jane G. Njagi</b> Kenyatta University
12:05-12:15	Community-based Climate Change Adaptation Strategies among Agro-Pastoral Households in West Pokot County, Kenya	<b>Nuwagaba Leonidas</b> University of Eldoret
12:15 – 12:25	Seasonal and Spatial Variations of Heavy Metals Levels in Water and Sediments from the Ondiri Wetland and Its Outflows	<b>Christine Maroma</b> National Museums of Kenya
12:25 – 12:35	Youth-Led Climate Adaptation and Biodiversity Conservation through Inclusive Agroforestry in Lusaka Province, Zambia	<b>Ruth Nawakwi</b> University of Zambia
12:35 – 12:50	<b>Q &amp; A</b>	<b>All Participants</b>
12:50 – 13:00	<b>Exhibition/Poster Session</b>	<b>All Participants</b>
13:00 – 14.00	<b>Lunch Break</b>	<b>All Participants</b>

## Louis Leakey Auditorium: PEBCA Case studies Students Presentations

<p><b>Session Moderator:</b> Dr. Beryl Bwong, National Museums of Kenya</p> <p><b>Session Rapporteurs:</b> Zedekiah Okwany, National Museums of Kenya and Gedeon Ngenerwanayo, University of Rwanda</p>		
14.05 – 14.35	<b>Symposium 3:</b> Flora of Kenya	<p><b>Lead Panelists:</b> Dr. Geoffrey Mwachala, NMK &amp; Prof. Q.F. Wang Wuhan Botanical Garden CAS</p> <p><b>Other Panelists:</b> Dr. Paul Kirika NMK; Mr. Guiyu Yang, Hubei Science and Technology Press; Dr. Neng Wei, Dr. Caifei Zhang, Wuhan Botanical Garden CAS; Dr. Itambo Malombe NMK; Dr. Emily Wabuye, Kenyatta University; Dr. Paul Musili, NMK; Zhangjie Huang, Xishuangbanna Tropical Botanical Garden CAS; Dr. Zhuo Zhou, Dr. Lishen Qian, Kunming Institute of Botany CAS; Dr. Yihua Tong, South China Botanical Garden CAS.</p>
14.35 – 14.45	Boosting coffee resilience through management of the Coffee Berry Borer (CBB), <i>Hypothenemus hampei</i> , using shade tree strategies in Kenya	<p><b>Elijah Kikivi</b> Kenyatta University</p>
14.45 – 14.55	Eco-Anxiety and Community Responses to Climate Change: Implications for future Sustainable Climate Adaptation Projects in Makeni County, Kenya	<p><b>Diana Thakya</b> University of Nairobi</p>
14.55 – 15.05	Mechanical Amplifiers of Hemopathogen Transmission: Diversity, Abundance, and Vectorial Competence of <i>Stomoxys spp.</i> in Livestock Systems of Western Kenya	<p><b>Stephen Burudi</b> Kenya Agricultural and Livestock Research Organization</p>
15.05 – 15.15	Assessing the impact of Land Use and Land Cover Change policies in the conservation of Steppe Eagle ( <i>Aquila nipalensis</i> ) in Kenya	<p><b>Peter Mwangangi Njeru</b> University of Nairobi</p>
15.15 -15.25	Evaluation of Community Participation in Wildlife	<p><b>Sharon Jerop Kemboi</b></p>

	Conservation in Lake Nakuru National Park, Kenya	Kabarak University
15.25 – 15.35	Determinants of the Adoption of Climate-Smart Agriculture Practices Among Smallholder Farmers in Mwingi West sub-county, Kitui county, Kenya	<b>David Mwanzia</b> South Eastern Kenya University
<b>15.35 – 15.55</b>	<b>Q &amp; A</b>	<b>All Participants</b>
<b>15:55 – 17.00</b>	<b>Exhibition/ Poster Session</b>	<b>All Participants</b>

## POSTERS

<b>Presentation</b>	<b>Speaker</b>
Functional Diversity of Invertebrates as Indicators of Ecosystem Health: A Case Study on Tatu City	<b>Grace Kioko</b> National Museums of Kenya
Assessment of Efficiency of Finlay Saosa Constructed Wetland for Treating Tea Extract Wastewater in Kericho, Kenya.	<b>Erakiel Moraa Nyarige</b> Egerton University
Automated Image-Based Trait Extraction Reveals Global Patterns of Wing Morph Diversity	<b>Shabani Selemani</b> Adam Mickiewicz University in Poznań, Poland
Morphological and Biomechanical Adaptations for Mandibular Attachment. A Case Study of Blue Banded Bee, <i>Amegilla calceifera</i> (Hymenoptera: Apidae).	<b>Varliewin Makena Murithi</b> National Museums of Kenya
Evaluating Propagation Techniques of <i>Sonneratia alba</i> for Improved Seedling Production in Lamu Southern Swamps Mangroves	<b>Emmanuel Kenga</b> Kenya Forest Research Institute
Molecular Breeding of Common Bean ( <i>Phaseolus vulgaris</i> L.) for High Yield, Anthracnose Tolerance, and Low Flatulence to Enhance Food Security	<b>Esther Mwende</b> Chuka University
Molecular Identification of <i>Blakeslea trispora</i> ; A New Record of Microfungi from Gunung Gading Forest, Borneo Island, Malaysia	<b>Adebola Azeef Lateef</b> University of Ilorin, Nigeria
Diversity and Distribution of Insect Species in Selected Terrestrial Habitats of Kenya	<b>Javan Mpo</b> Maasai Mara University
Assessing Elongation Percentages of Natural Silk Fibres from Degummed Single Filaments	<b>Aurelia Nzyoki</b> Kenya Agricultural and Livestock Research Organization
Evaluation of Biofertilizer and Biopesticide Performance of Black Soldier Fly Larvae ( <i>Hermetia illucens</i> ) Frass on Farming of Kales ( <i>Brassica oleracea</i> )	<b>Clinton Ochieng</b> Jaramogi Oginga Odinga university of science and technology

The Interaction of Invasive Tree Species ( <i>Prosopis juliflora</i> ) with Insect Pollinators Across an Environmental Gradient in Baringo County, Kenya	<b>Jemimah Achieng</b> Egerton University
Phytochemical Constitution and Antiproliferative Activity of <i>Carrisa spinarum</i> Stembark Extracts	<b>Eunice Muthee</b> National Museums of Kenya
Assessing the Small-scale Fisher's Adaptive Capacity of Fishery-based Livelihoods to Climatic Variability in Lake Chilwa, Zomba District, Malawi	<b>Harriet Oluoch</b> Lilongwe University of Agriculture and Agriculture
Diversity and Biomonitoring of Insect Pollinators and Their Role in Crop Protection of Smallholder Coffee Farms in Murang'a County, Kenya	<b>Scholar Irungu</b> Chuka university
The Distribution and Ecology of Chameleons in the Highlands of Kenya.	<b>Joash Nyamache</b> National Museums of Kenya
Effects of Agroforestry System Attributes on Farm Performance Among Smallholder Farmers in Mbale and Iganga Districts, Eastern Uganda	<b>James Galandi</b> University of Eldoret, Kenya
Occurrence and Diversity of Edible Termites (Isoptera: Termitidae) Archived in the Natural History Collections of the National Museums of Kenya	<b>Anne Nyandiala</b> National Museums of Kenya
Population Status, Threats, and Community Perceptions of the Endemic Endangered Mount Kenya Bush Viper ( <i>Atheris desaixi</i> ), Mt Kenya, Kenya.	<b>Atubwa Howard</b> National Museums of Kenya
Herpetofauna diversity of Naibung'a Lower Conservancy, Kenya	<b>Kevin Kipngetch</b> National Museums of Kenya
Correlates of Abundance of Birds of Lake Nakuru National Park	<b>John Musina</b> National Museums of Kenya
Pollinator Conservation through Community Engagement and Environmental Education in Rwanda	<b>Kwihanagana Elissa</b> University of Rwanda
Harnessing Genomics for Climate-Smart Rabbit Farming in Kenya	<b>Reuben Kipkorir</b> Chuka University
Evaluation of Pest Abundance and Yield Performance of Four Cowpea Varieties	<b>Cynthia Mogiti</b> Kenyatta University
The Effect of <i>Sitophilus zeamais</i> and <i>Prostephanus truncatus</i> on Stored Maize Grain Damage and the Efficacy of Actellic Dust	<b>Janet Kerubo</b> Kenyatta University
Integrating Community-Based Approaches and Technology in Bird Conservation	<b>Ntakirutimana Pascal</b> University of Rwanda
Biomonitoring of Species Using DNA Technology	<b>Chepkemai Naomi Ngeny</b>

	Chuka University, Kenya
Digitization and biodiversity informatics of Syrphid flies at the National Museums of Kenya repository collection	<b>Achieng Josiah</b> National Museums of Kenya
Azolla Farming: A Sustainable Protein Source for Livestock and Aquaculture	<b>Esther Wasike</b> Department of Livestock Trans Nzoia County
Growth of Improved Indigenous Chicken in Sorghum-Based Feeding Trials Under Three Production Systems in Uasin Gishu County	<b>Brenda Jemutai Kiptui</b> University of Eldoret
Enhanced livelihoods to Smallholder Farmers and Rural Communities through Seed Pelleting Technique on Seed Germination in Okra ( <i>Abelmoschus esculentus L.</i> ) Bungoma County, Kenya	<b>Muga Moses</b> University of Eldoret,
Impact of Infrastructure Development and Land-Use Change on Bat Roosting Sites and Population Trends in Northern Rwanda	<b>Ngenerwanayo Gedeon</b> University of Rwanda
Efficacy Of Selected Natural and Synthetic Adjuvants in Improving the Pathogenicity of <i>Metarhizium anisopliae</i> against <i>Spodoptera frugiperda</i>	<b>John Muturi</b> Kenyatta University
Butterflies As Indicators of Ecological Processes: Functional Traits, Population Monitoring and Trophic Interactions in a Restored Forest.	<b>Anthony Karani</b> University of Embu
Ecological Health Assessment of Lukosi River Using Macroinvertebrate and Riparian Vegetation Indicators in Iringa, Tanzania	<b>Ahmad Nyagongo</b> Soikoine University of Agriculture, Tanzania
Assessment of Heavy Metals Contamination in Water, Sediments and Macroinvertebrates in Two Kenyan Rivers.	<b>Yanic Justin</b> Egerton University
The Role of International Research Experience for Students (IRES) in Capacity Building in Aquatic Biodiversity Research in Kenya	<b>Eliud Kiprono</b> National Museums of Kenya
Linking Eco-Adventure Enterprises with Community-Led Conservation: Insights from Fourteen Falls and Manga Hills in Kenya.	<b>Victor Njogu</b> Mount Kenya University
Water Quality, Microbial Diversity, and Microplastic Pollution in Aquatic Habitats in Watamu, Kenya	<b>Irene Chepngetich</b> Technical University of Kenya/ National Museums of Kenya
Integrating Agroecology and Digital Tools for Youth-Led Biodiversity Enterprises: A Mixed-Method Assessment in Kenya's Lake Basin	<b>David O. Ouma</b> University of Pretoria, SA
The Community Conservancy Approach as a Nature-Based Solution: Evidence from Kenya's Kasigau Wildlife Corridor	<b>Elvis Ogot Shikanda</b> University of Nairobi
Container based butterfly caterpillar rearing as a tool for enhancing wild butterfly populations for ecosystem restoration at Bamburi Haller Park	<b>Faith Cheronoh</b> Pwani University

Occurrence of leopard tortoise in Tarangire Manyara Ecosystem, Northern Tanzania	<b>Faith Jepkemei</b> Nelson Mandela African Institution of Science and Technology
Diversity, Habitat Threats and Indigenous Knowledge of Local Community on Hawkmoths (Lepidoptera, Sphigidae) in and around Ruma National Park, Kenya	<b>Ochieng' Jeff</b> Mbarara University of Science and Technology
Utilizing Water-Point Camera Trap Monitoring and Long-Term Population Data to Guide Climate Adaptation Efforts in the Semi-Arid Rangelands of Lukenya Wildlife Conservancy, Kenya	<b>Margaret Wangare Karuri</b> Pwani University
Linking Eco-Adventure Enterprises with Community-Led Conservation: Insights from Fourteen Falls and Manga Hills in Kenya.	<b>Martin Onsiro Ronald</b> Mount Kenya University
Molecular and Biochemical Characterization of Antidiabetic Compounds from Western Kenya Medicinal Plants Using In Vitro Assays and Docking	<b>Christine Akware</b> Chuka University
Assessing the Nutritional Impacts of Biodiversity-Friendly Climate-Smart Agriculture in Semi-Arid Kenya: A Baseline-Endline Study from Makueni County and Taita-Taveta County	<b>Boniface Kariemu Kirago</b> Solidaridad Organization
R&D Strategy for Global Warming: Recent Advance in Artificial Photosynthesis and CCUS Technology	<b>Hee-Tae Jung</b> Korea Advanced Institute of Science and Technology, South Korea

### Closing Ceremony

<b>MC:</b> Ms. Grace Kioko, National Museums of Kenya		
<b>Venue:</b> Louis Leakey Auditorium		
<b>Time</b>	<b>Activity</b>	<b>Speaker</b>
16:00 – 16:15	Conference Summary	Dr. Philista Malaki
16:15 – 16:20	Liaison Group	Representative
16:20 – 16:40	Recognition Awards and Certificates	<b>Dr. Taita Terer, DNRR</b> Students Oral Presentation Students Poster Presentation Exhibitors Pre-conference trainers Conference Support Staff Conference Secretariat
16:40 – 16:45	Closing Remarks	<b>Dr. Taita Terer, DNRR</b>
16:45 – 17.20	Health Break	<b>All participants</b>

## **DAY 5: FRIDAY, 12<sup>TH</sup> JUNE 2026**

### **Coordinated by the Conference Secretariat**

#### **FIELD EXCURSIONS**

##### **NAIROBI NATIONAL MUSEUM**

This flagship museum is anchored on four pillars of culture, history, arts, and nature.

##### **KAREN BLIXEN MUSEUM**

Located in a serene suburb, this museum offers insight into Karen Blixen's life and a nature trail with Ngong Hills views.

##### **OLORGESAILIE PREHISTORIC SITE**

Known as the "factory of stone tools," featuring fossils and Acheulian tools over a million years old.

##### **SINO AFRICA JOINT RESEARCH CENTRE (SAJOREC)**

Visit to the Sino Africa Joint Research Centre (SAJOREC) in Juja, Kiambu County. The centre is a scientific research hub designed for biodiversity conservation and agricultural research.

##### **NMK DEPARTMENT VISIT**

Visit different NMK departments in Zoology, Botany, Earth Science and Cultural Heritage and explore the various interesting collections.