

# Embedding Ecosystem Services into Policy Workshop

Naivasha, Kenya

Tuesday, May 21, 2024 and Wednesday, May 22, 2024, 8:30AM - 5:00PM

*Coffee and lunch will be provided on both days, followed by a closing reception on the last day.*

The **Global Program for Sustainability (GPS)** and the **Biodiversity, Ecosystems, and Landscape Assessment Initiative (BELA)** at the World Bank together launched the **Embedding Ecosystems Services into Policy (EESP) program**. EESP aims to tailor workshop content to real priority planning processes identified by government offices so that the tools and approaches included in the workshop can directly support and inform sustainable and equitable planning. The EESP workshop in Kenya will focus heavily on the KEWASIP project and its anchor strategy, the National Landscape and Ecosystem Restoration Strategy. **Read more about EESP [here](#).**

## Workshop Agenda

Day 1 - May 21, 2024		
<i>8:30 AM – Networking &amp; Arrival: participants check-in, get name tags, enjoy coffee and pastries, and get seated</i>		
Time	Title & Presenter	Session Objectives
9:30 – 9:40 AM	<b>Welcome &amp; Introductions</b> Dr. Winnie Musila, <a href="#">Kenya Water Towers Agency</a>	
9:40 – 9:50 AM	<b>Welcome &amp; Event Overview</b> Sydney Moss, EESP Program Coordinator, <a href="#">Global Program on Sustainability</a>	Welcome, agenda, workshop goals
9:50 – 10:10 AM	<b>KEWASIP Project Overview</b> Hisham Osman, Senior Environmental Engineer, World Bank	<ul style="list-style-type: none"> <li>● KEWASIP project overview:               <ul style="list-style-type: none"> <li>○ Objectives</li> <li>○ Timeline</li> </ul> </li> <li>● Overview of P4R programs</li> <li>● KEWASIP goals for this workshop</li> </ul>
TEA & COFFEE		

10:20 – 10:40 AM	<b>Total Economic Valuation for Natural Resources in Kenya</b> Wilfred Osumo, <a href="#">National Environment Management Authority</a>	<ul style="list-style-type: none"> <li>State of ecosystems and ecosystems services approaches in Kenya and economic valuation assessments</li> </ul>
10:40 AM – 12:00 PM	<b>Introduction to Ecosystem Services Assessments Relating to Restoration Decisions</b> Jane Turpie, <a href="#">Anchor Environmental</a>	<ul style="list-style-type: none"> <li>Examples of socio-economic ecosystem services assessments relating to restoration decisions and water security             <ul style="list-style-type: none"> <li>Water security</li> <li>Climate change vulnerability</li> <li>Land Tenure</li> <li>Cultural Readiness</li> </ul> </li> <li>Special focus on key ecosystem services:             <ul style="list-style-type: none"> <li>Soil &amp; sedimentation retention</li> <li>Water regulation</li> </ul> </li> </ul>
12:00 – 12:15 AM	<b>Introduction to National Landscape and Ecosystem Restoration Strategy</b> Susan Boit, Ministry of Environment Climate Change and Forestry	<ul style="list-style-type: none"> <li>Overview of NLERS</li> <li>Anchor strategy for KEWASIP</li> </ul>
LUNCH – 12:30 - 1:30 PM		
1:30 – 2:00 PM	<b>Socioeconomic and Cultural Context for KEWASIP Prioritization</b> Christine Mukami Magu, <a href="#">Kenya National Bureau of Statistics</a>	<ul style="list-style-type: none"> <li>Overview of existing and upcoming national socioeconomic and cultural studies to inform the socio-ecological criteria for prioritization (ie. poverty index, social vulnerability, levels of income/population density/poverty headcount rate/food insecurity, gender disparities, labor conditions, etc.)</li> <li>Discussion on the availability and spatial extent of datasets for TWG and prioritization</li> </ul>
2:00 – 2:30 PM	<b>Update on Prioritization Process for KEWASIP</b> Dr. Winnie Musila, <a href="#">Kenya Water Towers Agency</a>	<ul style="list-style-type: none"> <li>Present the 8 water catchment areas (20 counties) shortlisted for the KEWASIP</li> <li>Overview of approach used to select these water catchments and criteria used so far</li> <li>Next steps for KEWASIP prioritization: bringing in additional data sets and re-analyzing and defining prioritization</li> </ul>
2:30 – 3:45 PM	<b>Interactive Session 1: Define Criteria</b> Facilitated by Sydney Moss and Jane Turpie	<ul style="list-style-type: none"> <li>TWG work in small groups to define criteria and indicators for prioritization</li> <li>Plenary discussion, presentation of small group discussions</li> </ul>
TEA & COFFEE		

4:00 – 5:00 PM	<b>Virtual Panel: P4R Project in Ethiopia – Climate Action for Landscape Management &amp; Investment Prioritization Tool</b> Diego Herrera, <a href="#">Global Program on Sustainability</a> & Jorge Leon, BELA Initiative	<ul style="list-style-type: none"><li>• Introduction to P4R Climate Action for Landscape Management (CALM) in Ethiopia</li><li>• Defining Indicators</li><li>• Investment Prioritization Tool</li></ul>
Closing: Plenary Discussion & Overview of Day Tomorrow		

## Day 2 - May 22, 2024

*8:30 AM – Networking & Arrival: participants check-in, get name tags, enjoy coffee and pastries, and get seated*

Time	Title & Presenter	Session Objectives
9:00 – 9:20 AM	<b>Welcome Back</b> Dr. Winnie Musila, <a href="#">Kenya Water Towers Agency</a>	<ul style="list-style-type: none"> <li>Welcome</li> <li>Reflections from day 1</li> </ul>
9:20 – 10:30 AM	<b>Interactive Session 2: Refinement of Criteria</b> Sydney Moss, EESP Program Coordinator, <a href="#">Global Program on Sustainability</a>	TWG work in small groups to define the following: <ul style="list-style-type: none"> <li>How can we group criteria?</li> <li>How can we measure these criteria?</li> <li>Why are these criteria valuable?</li> <li>How do they relate to the overarching project goals?</li> </ul>
TEA & COFFEE		
10:45 AM – 12:00 PM	<b>Plenary Discussion: Refinement of Criteria</b> Sydney Moss, EESP Program Coordinator, <a href="#">Global Program on Sustainability</a>	
12:00 – 12:30 PM	<b>Activity and Discussion: Availability of data, and revision of preliminary indicators</b> Sydney Moss, EESP Program Coordinator, <a href="#">Global Program on Sustainability</a>	
12:30 AM – 1:00 PM	<b>Activity and Discussion: Weighting Criteria</b> Sydney Moss, EESP Program Coordinator, <a href="#">Global Program on Sustainability</a>	
LUNCH		
2:00 – 2:45 PM	<b>A Look at a Sample Process Diagram for Prioritization</b> Jane Turpie, <a href="#">Anchor Environmental</a>	<ul style="list-style-type: none"> <li>Look at group work from earlier interactive sessions and consolidate approach for moving forward</li> <li>Example methods and approaches to further prioritization process</li> </ul>
2:45 – 4:30 PM	<b>Interactive Session 4: Integrating New Criteria into the Existing Approach</b> Facilitated by Sydney Moss and Jane Turpie	TWG work in small groups to discuss the following: <ul style="list-style-type: none"> <li>Building on the existing prioritization process, define next steps for integrating new criteria</li> <li>What ecosystem services assessments and other studies need to be developed to inform KEWASIP prioritization?</li> <li>What other institutions are working on such assessments?</li> <li>How can this work move forward?</li> </ul>
TEA & COFFEE		

4:30 – 5:00 PM

**Plenary Discussion of Next Steps for TWG**

Dr. Winnie Musila, [Kenya Water Towers Agency](#)

CLOSING RECEPTION 5:00 - 6:00 PM

## Workshop Participants

Note: Those highlighted in green presented at the workshop.

<b>KEWASIP Technical Working Group</b>		
Abey Mohamud Abdi, Research Scientist, Kenya Forestry Research Institute	<b>Christine Mukami Magu, Senior Statistician, Kenya National Bureau</b>	Miriam Mule, Senior Monitoring and Evaluation Officer, NETFUND
Allan Abwoga, Assistant Director, State Department for Irrigation	David Kamau, Chief Research Scientist, Kenya Agricultural and Livestock Research Organization	Nailantei Mopel, Resource Mobilization Officer, NETFUND
Agnes Yobterik, Director Programs, State Department of Environment and Climate Change	Domnic Sironga Ntialei, Senior Water Towers Management Officer, Kenya Water Towers Agency	Phoebe Orina, Principal Community Engagement Officer, Water Resources Authority
Andrew Machora, Manager Resource Mobilization, NETFUND	Felistar Wanjira Nyawira, Senior Wildlife Officer, State Department for Wildlife	Salome Gachago, Resource Mobilization Officer, Kenya Wildlife Service
Benedict Aloo Omondi, Head of Watershed Management, Kenya Water Service	Gideon Nyambuga, Senior Wildlife Officer, State Department for Wildlife	Shem Ochelle, Senior Community Empowerment and Livelihoods Officer, Kenya Water Towers Agency
Betty Prissy Njoki, Assistant Director Partnerships and Mobilization, Ministry of Environment, Climate Change and Forestry	James Odhiambo Maua, Principal Research Scientist, Kenya Forestry Research Institute	Sheryl Mboya, Director, ISISA Limited
Blaise Okinyi, Range Management Officer, State Department for Livestock	Leah Mukiite, Principal Resource Mobilization and Partnerships Officer, Water Resources Authority	Vincent Onguso Oeba, National Coordinator, 15 Billion
Caroline Muriuki, Principal Ecosystems Wetlands Officer, National Environment Management Authority	Linet Bala, Environment Assistant, National Environment Management Authority	<b>Wilfred Mboya Osumo, Principal Ecosystems Officer, National Environment Management Authority</b>
<b>Chispine Omondi, Manager Research, Monitoring and Evaluation, National Environment Trust Fund</b>	Miriam Chebungei, Assistant Director Regional Development, State Department for ASALs and Regional Development	<b>Winnie Musila, Director Ecosystem Research, Planning and Audit, Kenya Water Towers Agency</b>

## ***EESP Workshop Facilitators***



**Luis Diego Herrera Garcia**, is the EESP Team Lead for the Global Program on Sustainability at the World Bank. Diego is interested in the interactions between forest protection policies and human development outcomes. Diego has experience evaluating the impacts of protected areas, modeling forest and watershed ecosystem services, and designing financial instruments for tropical forest protection and restoration. In his current position at the World Bank Diego is supporting the Environment Global Practice analyzing global data on natural, human, and produced capital to inform policy and investment decisions. Prior to joining the World Bank, Diego worked as a post-doctoral researcher at the Gund Institute for Environment, University of Vermont, and as an economist at the Environmental Defense Fund. He holds a PhD in Environmental Economics from Duke University.



**Sydney Moss** is the EESP Program Coordinator for the Global Program on Sustainability at the World Bank. Sydney is a PhD student in Environmental Science, Policy, and Management at the University of California, Berkeley. Her research builds on over 10 years of experience working with Indigenous and local communities, municipal and national governments, and multilateral and bilateral environmental funds to identify levers within policy and finance for more equitable and inclusive policy, planning and project design. Her expertise is in nature based solutions and ecosystem services approaches that draw on diverse knowledges to achieve biodiversity, climate adaptation, and water security goals.



**Jorge Leon Sarmiento** is a PhD candidate in Applied Ecology at University of Sao Paulo, Brazil. As part of the Latin American Water Funds Partnership in The Nature Conservancy for more than 10 years, he supported the creation of technical and financial mechanisms aimed to invest in restoring and protecting the green infrastructure that provides the water for mega cities such as Mexico City, Lima and Sao Paulo. His research areas of interest include improving scientific knowledge around water security for metropolitan areas and expanding the monitoring network to identify the impacts of natural infrastructure in water quality and quantity. His academic interests are focused on the use of artificial intelligence to take advantage of big data generated by space agencies around the world that can contribute to water security at local level.



**Jane Turpie** is an environmental economist with 36 years of experience in conservation and development. She specializes in assessing ecosystem health, valuing ecosystem services, and integrating biodiversity into economic planning. She contributed to the development of the Millennium Ecosystem Assessment framework and the UN's Ecosystem Accounting methods. Her expertise includes water security, ecosystem rehabilitation, land degradation, and green economy development. Jane is the director of Anchor Environmental Consultants and holds a part time position at the University of Cape Town.