

CURRICULUM VITAE (CV)

- 1. Name:** Sheila Shefo Mbiru
- 2. Date and place of birth:** 1st March 1969, Nairobi Kenya
- 3. Nationality:** Kenyan
- 4. Personal address:** P. O. Box 328, 00621, Nairobi.
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sheilambiru@gmail.com
- 5. Marital status:** Married with 3 adult children
- 6. Education**



Institution	Start date	End date	Degree / Diploma obtained
Moi University	1987	1990	Bsc. Wood Science and Technology
University of Melbourne	1993	1995	MSc. Wood Science
University of Helsinki	2013	2013	Diploma in Designing Sustainable Forest Landscapes
University of Stellenbosch	2010	2013	B. Phil. Information and Knowledge Management

7. Other training:

Training title	Start date	End date	Description
Strategic Leadership Development Program	Jul 2021	August 2021	Kenya School of Government (Kenya)
Climate Reality Leader	Jul 2020	Jul 2020	The Climate Reality Project (USA)
Social and Emotional Learning: Time for Action	Mar, 2019	Mar, 2019	Salzburg Global Seminar, (Austria)
From Climate Science to Action	Jun, 2017	Jun, 2017	World Bank Group. (Online)
Training of Facilitators	Mar, 2017	Mar, 2017	Kenya School of Government.
Training in Forest Research Methods	Oct, 2014	Oct, 2014	IUFRO (USA)
Knowledge Management for Knowledge Workers	Sep, 2014	Sep, 2014	Information Africa (Kenya).
Communicating Forest Research	Jul, 2012	Jul, 2012	IUFRO (Kenya).
Development of Extension Materials	Feb, 2012	Feb, 2012	International Leadership & Management Institute (Kenya).
Knowledge Management and Capacity Building Course	Sep, 2008	Sep, 2008	Africa e Development Resource Centre (Kenya).

8. Skills

Knowledge Management | Capacity Development | Climate Change Learning | Training | Science Writing and Editing | Natural Resource Management

Languages and degree of proficiency: (1 – excellent; 5 – basic)

Language	Reading	Speaking	Writing
English	1	1	1
Swahili	2	1	2
Sign Language		2	

9. Membership in professional societies

- International Union for Forest Research Organization (IUFRO) **Deputy Coordinator - Communication and Public Relations Working Party.**
- The Network for Natural Gums and Resins in Africa (NGARA) – **Treasurer**
- Knowledge Management for Development (KM4D) - **Member**
- African Institute of Deaf Studies and Research (AIDSR) – **Chairperson**
- African Forest Forum - **Member**
- Kenya Forest Working Group – **Member**

10. Countries of work experience

Country	Period
Kenya	Jan 1991 - Ongoing
Uganda	Jan, 2009 - Dec 2010
Eritrea, Ethiopia, Sudan, Tanzania and Uganda (Intermittent)	2005 - 2006
Somaliland (Intermittent)	2008- 2009

11. Awards and Appointments

- Received **commendation letter from Kenya School of Government** in the role played to facilitate the development of the first ever Climate Change Training Program including development of the curriculum, training materials, training of trainers and roll out of the inaugural training program.
- **Best Paper Award** at the 2nd World Symposium on Climate Change Communication, 7-9th February 2018, University of Graz, Austria. Citation for the award included; The climate change training program was replicable and scalable and empowered national and county climate change government officers to respond appropriately to climate change
- Appointed **World Climate Ambassador** by Climate Interactive to build climate change awareness (Nov 2017 to date)
- Appointed **IUFRO Deputy Coordinator** – Communication and Public Relations Working Party (2014 – to date)

12: Professional Assignments

Date:	August 2020 – To date
Appointing Institution:	Kenya Forestry Research Institute (KEFRI)
Position held:	Head, Knowledge Management
Description of duties:	<p>Kenya Forestry Research Institute (KEFRI); generates knowledge through its research programs by developing technologies and knowledge products and services that make significant contribution to poverty alleviation, improved livelihoods, environmental conservation and forestry development in Kenya. As the Head of Knowledge Management I;</p> <ul style="list-style-type: none"> • Provide strategic leadership to increase the impact and uptake of forestry research and innovation to contribute to the growing national and global knowledge economy • Oversee the management of KEFRIs tacit and explicit knowledge assets • Develop and oversee implementation of KEFRI Knowledge Management Strategy 2020 - 2024 • Manage KEFRIs data, information and knowledge platforms for knowledge generation, collation, sharing, use and application

Date:	Nov 2019 – December 2020
Appointing Institution:	African Forest Forum (AFF)
Position held:	Knowledge Management Consultant
Description of duties:	<ul style="list-style-type: none"> • Undertook a Knowledge Audit/Assessment which guided the review and formed the basis for the development of a robust organizational Knowledge Management Strategy • Developed <i>African Forest Forum's (AFF) Knowledge Management Strategy (2021 – 2025)</i> • Developed AFFs <i>Knowledge Management Training Manual</i> • Undertook Knowledge Management training for AFFs Secretariat Staff

Date:	March 2020 – May 2021
Appointing Institution:	Food and Agricultural Organisation (FAO) of the United Nations
Position held:	National Consultant – Climate Change Learning Expert
Description of duties:	Kenya's Climate Change Directorate under the Ministry of Environment and Forestry in partnership with UN CC: Learn, FAO, Kenya Climate Change Working Group and Ministry of Education embarked on developing Kenya's

	<p><i>National Climate Change Learning Strategy</i> to strengthen human resources and skills to respond to climate change, through a systematic country-driven multi-stakeholder, cross-sectoral approach.</p> <p>As the Lead National Climate Change Learning Consultant, working with the Technical Team, stakeholders and the consulting team;</p> <ul style="list-style-type: none"> • Developed the Background Report on Kenya's National Climate Change Priorities and Relevant Capacity Development Goals and Initiatives – towards planning and formulation of Kenya's National Climate Change Learning Strategy. • Conducted an assessment of Learning Needs and Capacities to Deliver Learning through online surveys, Focused Group discussions (FGDs) and key performance interviews. • Based on the findings of the background report and learning assessment and extensive consultation with stakeholders, developed Kenya's first National Climate Change Learning Strategy 2021 - 2030
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Date:	Jul, 2015 – March 2020
Employer:	The Low Emission and Climate Resilient (LECRD) Project USAID / UNDP Funded Project
Position held:	Knowledge Management and Capacity Development Officer
Description of duties:	<p>Working closely with climate change stakeholders including the Climate Change Directorate in the Ministry of Environment and Forestry.</p> <ul style="list-style-type: none"> • Coordinated and facilitated a multi-stakeholder process that designed, developed a climate change curriculum and facilitated the first ever training program on Climate Change Policy, Planning and Budgeting at National and County Levels. The training program is now offered at the Kenya School of Government to increase awareness among national and county government officers and other stakeholders. • Coordinated and facilitated in collaboration with Kenya School of Government (www.ksg.ac.ke) the 10-day inaugural Climate Change training program for 27 Senior Government Officers (17 County and 10 National Officers) with Kenya School of Government. • Produced 5 Training Case Studies showcasing climate change initiatives at sub national level in collaboration with Kenya School of Government and Kilifi and Narok Counties. • Lead the process of rolling out and implementing the Inaugural Kenya Climate Change Art and Essay Competition 2018 targeting children and youth and giving them an opportunity to present their climate action through writing essays, painting and drawing. Over 4300 learners, 112 schools including 9 for Special Need Learners. Over 150 learners were awarded prizes including laptops, tablets, branded school bags and book vouchers (https://twitter.com/CCArtCompe).

	<ul style="list-style-type: none"> • In collaboration with Media Council of Kenya, coordinated the training of 159 Journalists and Editors on responsive and responsible reporting on <i>El Nino as a Climate Change Phenomenon including other related disasters</i> (2015). This resulted in; increase in knowledge on El Nino as a Climate Change Phenomenon including other related disasters and increased level and quality of reporting on climate change related phenomena and other related disasters • Developed climate change related knowledge products including; Factsheets, Success Stories, Case Studies, Documentaries, Climate Change Knowledge Portal, Expert Databases among others. • Coordinated the production of <i>JotoAfrika</i>, a magazine focusing on climate change issues. https://www.alin.or.ke/Joto%20Afrika. As Editorial Coordinator, I have produced and widely distributed both physical and digital copies of nine (9) issues on various topical climate change issues.
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Date:	Nov, 2017 - Ongoing
Appointing Institution:	Climate Interactive, USA
Position held:	World Climate Ambassador
Achievements:	<p>In recognition for my efforts in creating awareness using the World Climate Simulation tool, I was appointed a World Climate Ambassador by Climate Interactive in Nov 2017. https://www.climateinteractive.org/sheila-shefo-mbiru/</p> <ul style="list-style-type: none"> • Use the World Climate Simulation tool to facilitate both physical and virtual World Climate Events in various settings including with policy makers, media practitioners, university students, and youth in church and high school. • Instrumental in incorporating the World Climate Simulation tool into the training program entitled <i>Climate Change Policy, Planning and Budgeting at National and County Level</i> offered by the Kenya School of Government. The tool was successfully used during the inaugural training program in June 2017 and is being used to date in their climate change training program. • In all the events the results were extremely positive with most participants indicating that they now have a deeper understanding of climate change, its impacts and the need for urgent action at all levels; <i>global, national, county, community and most importantly individual level.</i>

Date:	Jan, 2014 – To date
Appointing Institution:	International Union of Forest Research Organizations (IUFRO)
Position held:	IUFRO Deputy Coordinator, Communication and Public Relations Working Party
Achievements:	<ul style="list-style-type: none"> Contributed to the IUFRO Manual - Communicating Forest Science and authored a chapter entitled: <i>Creating Awareness of the potential of Gums and Resins for Improved Livelihoods in the Arid and Semi - Arid Lands of Kenya</i> Appointed IUFRO Deputy Coordinator 9.01.02 – Communication and Public Relations Working Party (2014 – to date) https://www.iufro.org/who-is-who/officeholder/shefo-mbiru/

Date:	Apr, 2014 - Dec, 2014
Organisation:	UNDP – Amkeni WaKenya
Position held:	Knowledge Management Consultant
Achievement:	<ul style="list-style-type: none"> Developed a Knowledge Management (KM) Training Program. Developed Knowledge Management Training Materials including a KM Training Manual. Trained 100 CEOs and Program Managers of Civil Society Organizations on Principles of Knowledge Management and development of an Organisational Knowledge Management Strategy.

Date:	Jan, 2012 - Jul, 2015
Organisation:	Kenya Institute of Management
Position held:	Innovation and Knowledge Management Assessor (OPI)
Achievement:	<p>OPI is a Business Excellence Model developed by the Kenya Institute of Management. The OPI framework has seven determinants namely; leadership and management, human resource focus, customer orientation and marketing, financial management, information, innovation and knowledge management, corporate citizenship and environment and productivity and quality.</p> <ul style="list-style-type: none"> Assessed over 15 organisations on information, innovation and knowledge management and wrote reports that contributed to the overall ranking of organisations. Wrote Case Studies featuring winning organisations. Developed content for the Information, Innovation and Knowledge Management Module of the Certified Business Leadership Program (CBLP).

Date:	Jan, 2011 - Jun, 2015
Employer:	Kenya Forestry Research Institute
Position held:	Head, Knowledge Management Steering Committee
Description of duties:	<ul style="list-style-type: none"> Developed a strong case for Knowledge Management and was appointed the Team Leader of a 8-member Knowledge Management Steering Committee for KEFRI. Produced the KEFRI Knowledge Management Strategy that institutionalised management of knowledge in KEFRI, as well as with the institute's national, regional and international clients and partners and therefore maximized value from KEFRI's intellectual and knowledge-based assets. Lead a team that developed a road map for Knowledge Management (KM) development in KEFRI and sensitized key staff members include Top Management on the importance of KM for KEFRI. Visited other institutions implementing Knowledge Management to benchmark and learn from their best practice. Developed KM Training materials and facilitated training of the KM Steering Committee and over 700 KEFRI Staff members. Lead the team to developed tools to undertake a Knowledge Audit to review KEFRIs existing knowledge assets, knowledge flows, gaps and challenges and identify KEFRIs KM needs. Developed the KEFRI Knowledge Management Strategy (2013-2018) using the Balanced Score Card tool and entrenched KM in KEFRIs 5th Strategic Plan 2013 - 2018. KM will now be cascaded to all levels of the organization and implemented by both scientific and non – scientific programs and departments.

Date:	Jun, 2010 - Jul, 2010
Organisation:	MILAGROS
Position held:	Lead Consultant
Achievements:	<p>MILAGROS is the largest importer of gums and resins in South America based in Sao Paulo, Brazil.</p> <ul style="list-style-type: none"> Led the team in organizing and participating in a fact finding mission to Kenya and Somaliland for MILAGROS. Organised visits with traders, exporters, research organisations and local producers communities in Kenya and Somaliland and explored opportunities to buy myrrh and frankincense directly from producers and traders in African producing countries. Successfully identified and established trade partnerships with firms in Somaliland and links with firms in Kenya.

Date:	Jan, 2010 - Dec, 2013
Organisations:	Intergovernmental Authority on Development (IGAD)
Position held:	National Consultant
Achievements:	<ul style="list-style-type: none"> Contributed to wealth and employment opportunities and alternative livelihoods in the Arid and Semi Arid Lands (ASALs) of IGAD's countries by exploiting and promoting eco-(bio) enterprises from non- wood forest products existing in the ASALs. Participated in formulating a strategy for production, value addition and marketing of dryland products in IGAD member countries. Developed an electronic compendium on Non-Wood Forest Products in IGAD member countries. Promoted investments by preparing and disseminating a white paper on alternative livelihoods in the ASALs of Kenya. Presenting the investment options to Senior Government official's including Governors of all ASAL Counties in Kenya.

Date:	Jan, 2009 - Dec, 2010
Organisations:	Government of Uganda, AGOA Initiative
Position held:	National Consultant
Achievements:	<ul style="list-style-type: none"> Participated in the development of the gums, resins and aloe sub sector, an initiative of H.E. The President of Uganda, President Yoweri Museveni, under the American Growth Opportunities Act (AGOA). This led to increased gum arabic trade and the establishment of an Aloe factory in Karamoja, Northern Uganda. Undertook analysis of the gums, resins and aloe sub-sector and resource identification in Northern Uganda. Involved in the mapping and inventory of dryland products in Karamoja Region, Northern Uganda. Involved in the capacity building of collectors/producers and traders.

Date:	Jan, 2008 - Dec, 2008
Organisation:	FAO Somalia
Position held:	Regional Consultant
Achievements:	<p>Team Leader of the Project entitled; <i>“Community Based Local Economic Development in Somaliland and Puntland”</i> supported by FAO Somalia implementing the component on development of gums and aromatic resins subsection.</p> <ul style="list-style-type: none"> Undertook resources assessment and inventory of gum arabic and gum resins producing species in Somaliland and Puntland. Undertake an appraisal of production and quality control practices

	<p>in Somaliland and Puntland.</p> <ul style="list-style-type: none"> Proposed appropriate management of the gum arabic and gum resins producing resources for sustainable production.
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Date:	Jan, 2004 - Ongoing
Organisation:	Network of Natural Gums and Resin in Africa (NGARA)
Position held:	Information and Database Expert
Achievements:	<p>The Network for Natural Gums and Resins in Africa (NGARA) is a regional network whose Secretariat is hosted at the Kenya Forestry Research Institute in Nairobi. Currently there are 15 member countries in Eastern, Central and Western Africa. NGARA assists its members to sustainably manage and develop their natural gum and resin resources, for improving rural livelihoods and environmental conservation.</p> <ul style="list-style-type: none"> Coordinated and participated in Regional Virtual Workshop in December 2020 on: <i>Scaling up Resilience in Africa's Great Green Wall (SURRGWA): Sustainable and Resilient Value Chains for Gum Arabic and other NTFPs</i>. FAO/NGARA/AFF Collaborative Partnership Studies on NTFPs. Contributed to improved exchange of information among the fifteen NGARA Anglophone and Francophone member countries in the region as well as with partners by maintaining communication and networking mechanisms to facilitate information flow and communication between the NGARA Secretariat, member countries and partners. Develop content (writing and editing), produce and disseminate NGARA knowledge products including NGARA Publication Series, Technical Reports, Training Manuals, Case Studies, Policy Briefs, Fact Sheets, Newsletters, Posters, Brochures and Pamphlets. Managed the NGARA Resource Centre and responding to trade enquires and requests for information. Participated in the development of a Regional Master Plan for Training in Gums and Resins Production, a Gum Trees and Gum Arabic Field Manual and training curriculum on wood and non-wood forest products in the drylands of Kenya. I was one of the trainers who using these training aids, trained over 500 TOTs and Community members in Kenya and the other 12 NGARA member countries on Production, Processing and Marketing of Dryland Wood and Non-Wood Forest Products. Led a team of National Consultants to undertake Resource Assessment of Gum and Resins producing species and Database Development for Eritrea, Ethiopia, Kenya, Sudan, Tanzania and Uganda.

13. Selected Publications

- M.O., Muga, B.N., Chikamai, V.A., Oriwo, F.N., Gachathi, **S.S.**, **Mbiru**, A.M., Luvanda, L., Wekesa, C., Wekesa, S., Omondi and J., Lelon (2021) . *Synthesis of the Development in Gums and Resins Sub-Sector in Kenya*. *East African Agricultural and Forestry Journal*, 84(1). Retrieved from <https://www.kalro.org/www.eaafj.or.ke/index.php/path/article/view/333E> (Pg 193-205)
- Mbiru S.S.** (2019) *Capacity Development to Support Planning and Decision Making for Climate Change Response in Kenya*. In: Leal Filho W., Lackner B., McGhie H. (eds) *Addressing the Challenges in Communicating Climate Change Across Various Audiences*. *Climate Change Management*. Springer, Cham. https://doi.org/10.1007/978-3-319-98294-6_14
- Chikamai B., Okoro. C., and **Mbiru S.** (2019). *Dryland Forests of Sub- Saharan Africa: Vital in enhancing livelihoods of rural communities and economies of countries and mitigating effects of climate change*. CFA Newsletter. No. 86. ISSN 1750 – 6417.
- Mbiru S. S.**, Ngesa R., and Mumo P. (2018). *Victor's Farm: An oasis of plenty in a dry land, Malomani Village, Kilifi County* . In *Case Studies on Climate Change Response Actions in Selected Devolved Units* . Government of Kenya (2018).
- Mumo P., Ngesa R., and **Mbiru S. S.** (2018). *Greening Kilifi County: The Magical Woodlots, Kilifi County*. In *Case Studies on Climate Change Response Actions in Selected Devolved Units*. Government of Kenya (2018).
- Ngesa R., Mumo P. and **Mbiru S. S.** (2018). *Tapping Clean Energy Sources: Solar Water Driven Borehole Pump Mwawesa, Kilifi County*. In *Case Studies on Climate Change Response Actions in Selected Devolved Units*. Government of Kenya (2018).
- Ngesa R., **Mbiru S. S.** and Mumo P. (2018). *Waste Becomes an Energy Mine: A Case Of Biogas Project at Kombeni Girls Secondary School, Kilifi County*. In *Case Studies on Climate Change Response Actions in Selected Devolved Units*. Government of Kenya (2018).
- Mumo P., **Mbiru S. S.** and Ngesa R. (2018). *Towards Food Sufficiency. Exploring Irrigation Potential: The Case of Maji-Moto, Narok County*. In *Case Studies on Climate Change Response Actions in Selected Devolved Units*. Government of Kenya (2018).
- Mbiru S. S.** (2017). *Mainstreaming Climate Change into Policy, Planning and Budgeting Processes*. **JotoAfrika: Implementing Kenya's Nationally Determined Contribution**, November 2017, Issue 22.
- Mbiru, S. S.** (2014). *Creating Awareness of the potential of Gums and Resins for Improved Livelihoods in the Arid and Semi -Arid Lands of Kenya*. In

Communicating Forest Science, IUFRO Communications and Public Relations Working Party and IUFRO-SPDC, Vienna, Austria. 185p.

Mbiru, S. S. (2014). Managing Knowledge in a Research Organization: The Case of Kenya Forestry Research Institute. Presented at 25th IUFRO World Congress held on 29 September-11 October, 2014 in Snowbird and Salt Lake City, Utah.

Ng'ethe, R .K and **Mbiru S.** (2014). *Using Gums and Resins for Enhancing Environmental Conservation and Livelihood Improvement in the ASALs*. A Policy brief for Gums and Resins Association (GARA)

Mbiru, S. S., Oeba, V., Chagala-Odera, E., Mutua G., Tuwei P., Ochieng D., and Ochung F. (2013). *Knowledge Management Strategy for KEFRI*

Mbiru, S. S., Oeba, V., Chagala-Odera, E., Mutua G., Tuwei P., Ochieng D., and Ochung F. (2013). *KEFRI Knowledge Audit Report: Towards development of a Knowledge Management Strategy for KEFRI*

Mbiru, S. S. and Chikamai B. N (2010) *Economic significance of dryland forest commodities: Gums and Resins in FAO*. (2010). Guidelines on sustainable forest management in drylands of sub-Saharan Africa. Arid Zone Forests and Forestry Working Paper No. 1. Rome. (Pgs 3-6).

14. Referees

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15. Certification

I, the undersigned, certify that:

to the best of my knowledge and belief, this biodata correctly describes myself, my qualifications, and my experience.



Sheila Shefo Mbiru

08/11/2021

Date of signing