

Curriculum Vitae: Prof. Felix Kanungwe Kalaba

Nationality	Zambian
Education	PhD. Environment (2014) University of Leeds, United Kingdom MSc. Forest Science (2007) Stellenbosch University, Republic of South Africa BSc. Forestry (with Merit) (2003) Copperbelt University, Zambia
Languages	English (fluent), Bemba (fluent), Nyanja (fair), Lamba (fair)
Membership of professional bodies	Advisory Board Chairperson – African Research Impact Network. Intergovernmental -Science Policy Platform for Biodiversity and Ecosystem Services Director (non-Executive) – Zambia Forestry and Forest Industries Corporation PLC Member of African Forest Forum International Union of Forest Research Organisations (IUFRO) Affiliate Member of the Centre for Climate Change Economics and Policy Board Chairperson- Global Literature Outreach (GLO) Zambia.

Employment record

2023 - Present	Professor Ecosystem Services and Climate Change, Copperbelt University, Kitwe, Zambia
2019 – 2023	Associate Professor School of Natural Resources, Copperbelt University, Kitwe, Zambia
2016 - 2019	Senior Lecturer School of Natural Resources, Copperbelt University, Kitwe, Zambia
2007 - 2016	Lecturer School of Natural Resources, Copperbelt University, Kitwe, Zambia
2013-2014	Research Assistant University of Leeds, United Kingdom
2004-2005	Junior Natural Resources Economist World Wide Fund for Nature (WWF) Southern Africa
2004	Research Assistant African Academy of Sciences
2002-2003	Intern Inspector Zambia Environmental Management Agency

Relevant professional experience



June 2023 – June 2024	<p>Development of the EU-Zambia Forest Partnership on forests European Union, Zambia Forest Partnership</p> <p>Local facilitator Consultant</p> <p>This provides a framework for implementing the partnership signed by the EU and the Zambian government.</p> <p>Development of the roadmap for implementing the partnership. Planning, and facilitating meetings at technical and political level.</p>
March – June 2023	<p>SADC Consultant</p> <p>Development of climate financing manual as well as conducting training on climate financing for SADC member countries.</p>
August 2022 - March 2023	<p>National Adaptation for Climate Resilience, Zambia Global Water Partnership Southern Africa, South Africa</p> <p>Team Lead</p> <p>Lead consultant in developing Zambia’s Climate Change National Adaptation Plan. Developed the NAP following a participatory approach engaging diverse stakeholders at national and sub-national level.</p>
August 2022 - February 2023	<p>Great Green Wall Southern Africa Food and Agriculture Organisation, Botswana</p> <p>Consultant</p> <p>Developed the National Action Plan to address land degradation and desertification. Activities included stakeholder engagement, stakeholder mapping, ecosystem mapping and reviewing of existing policies and legislation.</p>
March – July 2023	<p>Climate change adaptation and resilience in Zambia growth opportunities (ZAMGRO) performance for results project Agricultural Policy Research Institute</p> <p>Consultant</p> <p>The project’s aim is to reduce vulnerability of communities in farming blocks to improve production. In this assignment, I analysed climate risks and vulnerabilities of key agricultural value chains in Farm Blocks.</p>
January - August 2023	<p>Forest Management Plan - Kantanino Forest Management WeForest Zambia Limited, Zambia</p> <p>Lead-Consultant</p> <p>Development of Forest a Management Plan for Katanin Local Forest, Masaiti, Zambia. Social and ecological assessment and drafted the forest management plan.</p>
August 2022 - March 2023	<p>National Adaptation for Climate Resilience, Zambia Global Water Partnership Southern Africa, South Africa</p> <p>Team Lead</p> <p>Lead consultant in developing Zambia’s Climate Change National Adaptation Plan. Developed the NAP following a participatory approach</p>



<p>August 2022 - February 2023</p>	<p>Great Green Wall Southern Africa Food and Agriculture Organisation, Botswana</p> <p>Position</p> <p>Developed the National Action Plan to address land degradation and desertification. Activities included stakeholder engagement, ecosystem mapping and reviewing of existing .</p>
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<p>August 2022</p>	<p>Ecosystem-based Adaptation Ministry of Green Economy and Environment, Zambia</p> <p>Livelihoods consultant</p> <p>The aim of the project was to build Resilience of rural people and ecosystems in wetlands, The project seeks to builder communities Analysed current livelihoods and their impact on ecosystems and propose more resilient livelihood options.</p>
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<p>August - October 2022</p>	<p>Net Zero Climate Action University of Oxford, United Kingdom</p> <p>Consultant</p> <p>This consultancy aimed to provide an overview of the opportunities and challenges of Net Zero climate actions in Africa. The activities included scoping and analysis of Net Zero climate actions in Africa</p>
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<p>January - November 2022</p>	<p>Trident Foundation Limited Consultant First Quantum Mining Company</p> <p>Technical Advisor</p> <p>Supported the ecological and socioeconomic baseline studies in Bushingwe and Lualaba National Forests in North-western province of Zambia. Led the design of measures to address deforestation in the two forests, and identifying monitoring indicators and setting up a monitoring system to enhance the integrity of forest ecosystem functioning and socioeconomic value of the forests to rural communities within and around Bushingwe and Lualaba National Forests.</p>
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<p>May 2022</p>	<p>Offset National Emissions through Sustainable Landscapes (ONE-SL) Winrock International Institute for Agricultural Development</p> <p>Individual consultant</p> <p>Built capacity on implementation of jurisdictional policies Reducing Emissions from Deforestation and forest Degradation (REDD+). Key activities included document analysis, stakeholder engagement and examining existing opportunities and challenges associated with the implementation of REDD+</p>
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<p>February – March 2022</p>	<p>Low carbon development and NDC fulfilment in Zambia The Centre for Global Equality LTD, Cambridge, UK</p> <p>Independent Consultant</p> <p>Scoping of the institutional and policy framework pursued in Zambia for low carbon development and NDC fulfilment in Zambia. Specific activities included: Review of legislation, policies and projects; review of initiatives by domestic and international NGOs to promote low carbon development; stakeholder mapping of various stakeholders in low carbon development; organised workshop on Climate Compatible Growth network in Zambia.</p>



January – November 2022	ImpulSouth Project: Global Cooperation for Climate Action Fundacion Avina, Panama City, Republic of Panama
	Independent Consultant
	Lead research on the connectivity between women and ecosystems, Activities performed included: Knowledge synthesis through multistakeholder research dialogue to foster incorporation in national climate action. Collected and analysed qualitative and quantitative data on climate actions and the role of the agriculture sector in Zambia’s climate action.
September - October 2022	Rural policy analysis of Afforestation and Agroforestry initiatives in Zambia.
	Independent Consultant
	The project examined afforestation opportunities and agroforestry in southern Zambia, Tasks included: Desk review of afforestation and forestation policies; collection and analysis of qualitative data from traditional leaders, government and private sector partners on factors affecting afforestation and reforestation projects and how this can be enhanced.
February - May 2021	National Adaptation for Climate Resilience, Zambia Global Water Partnership Southern Africa and Ministry of Lands and Natural Resources
	Individual consultant
	Individual consultant to develop the national climate change coordination structures and develop mechanisms for strengthening coordination mechanisms. Tasks involved: Desk review of climate change coordination structures and reporting mechanisms; policy analysis; stakeholder engagement; training of stakeholder on climate change coordination.
February - June 2021	Winrock International Institute for Agricultural Development Offset National Emissions through Sustainable Landscapes (ONE-SL).
	Individual consultant
	The assignment assessed Zambia’s country level REDD+ implementation and experience to assess need for project nesting and jurisdictional REDD+ implementation. Document review and analysis of policies and REDD+ project documents.
January - April 2021	Forest and tree-based adaptation and mitigation options in different landscapes African Forest Forum, Kenya
	Individual consultant
	The assignment aimed at strengthening the capacity of African forestry stakeholders on the implementation of forest and tree-based adaptation and mitigation options in different landscapes. Activities included: Review of literature on integration for forests and tree-based adaptation and mitigation projects; policy analysis; stakeholder engagements to understand opportunities and challenges for integration.
February 2019 -February 2022	Intergovernmental Panel on Climate Change (IPCC) Working Group II: Impacts, Adaptation and Vulnerability Preparing the IPCC Sixth Assessment Report (AR6)
	Lead Author for Chapter 9
	The Working group seeks to assess the vulnerability of socio-economic and natural systems to climate change, the negative and positive consequences of climate change and options for adapting to it.

	<p>Covered the role of lead author for Africa Chapter 9, as well as Cross-Chapter Paper Lead for the cross-chapter paper on tropical forests. Reviewed and analysed vulnerability to climate change in Africa and options for adapting to it, and the role of tropical forests in adapting to climate change.</p>
February – August 2018	<p>Climate change Risk and Vulnerability Assessment in Luapula, Muchinga, Northern and Western Provinces of Zambia Zambia’s Ministry of National Planning, OneWorld Sustainable Investments</p> <p>Land Use, Forestry and Natural resources expert</p> <p>Risk and vulnerability mapping and baseline assessment to develop adaptation and mitigation responses and land uses for increasing adaptive capacity.</p> <p>Tasks included: Review and analysis of climate risk and vulnerability for the forestry, agriculture and related sectors and analyse Zambia’s policy framework; workshop facilitation and analysis; development of district risk profiles and investment analysis; drafting and finalisation of situation analysis, district risk profiles, and investment options.</p>
January 2017 – Dec 2018	<p>Sustainable Forest and Woodland Management for Food and Nutrition Security in Western Province of Zambia Food and Agriculture Organisation (FAO)</p> <p>National Consultant (Forest Tenure)</p> <p>The project focused on improved woodland management in western province of Zambia.</p> <p>Conducted the assessment of the current forest tenure system against the Voluntary Guidelines on Responsible Governance of Tenure (VGGT). Carried out policy analysis of forestry, energy, wildlife, agriculture policies and their implications on sustainable management of forest resources for food security. Conducted key informant interviews with various stakeholders and traditional authorities.</p>
October – November 2017	<p>Baseline Climate Risk and Vulnerability Assessment and Vulnerability Tool development in Northern Zambia Zambia’s Ministry of National Development, OneWorld Sustainable Investments</p> <p>REDD+ and Forestry Analyst and Advisor</p> <p>Risk and vulnerability mapping and baseline assessment to develop adaptation and mitigation responses and land uses for increasing adaptive capacity.</p> <p>Activities performed: Workshop facilitation and participatory analysis and capacity development at provincial levels; conducted climate risk and vulnerability landscape assessment and development of a vulnerability tool; conducted risk and vulnerability mapping and assess policy responses and priority adoption and mitigation action; identified entry points in the Zambia policy framework for landscape management and planning.</p>
March – June 2017	<p>Market Study of Forestry and Agroforestry Sector in Zambia; and Co-drafting and finalisation of Zambia’s Forest Investment Plan World Bank</p> <p>Consultant</p> <p>The objective of this assignment was to develop an overview of the opportunities, challenges and potential of reducing GHG emissions and achieve economic co-benefits, social and through forest environmental investments.</p> <p>Conducted a Market study of forestry and agroforestry sector in Zambia. Analysed the policy framework that affects investment in the forestry sector. Provided a detailed analysis of some projects and specific interventions that could be included in the Investment Plan. Co-drafted and finalised Zambia’s Forest Investment Plan.</p>



April – November 2015	<p>End-term Evaluation of the Trade and Investment Project for Enhanced Competitiveness of Zambia Apiculture Sector</p> <p>SNV- Netherlands Development Organisation</p> <p>Consultant</p> <p>Measured outcomes and impacts of the project among intended beneficiaries and other stakeholders. The evaluation was based on criteria that used a range of investigative factors that included relevance, effectiveness, efficiency, impacts and implementation processes, learning and sustainability.</p>
January – Dec 2015	<p>Mapping and Assessment of Ecosystem Services in Tanzania, Zambia and South Africa</p> <p>United Nations Convention to Combat Desertification (UNCCD) / Foundation for Sustainable Development</p> <p>Consultant</p> <p>Facilitated and participated in meetings with partners, stakeholders and international project researchers, agriculture, government and NGOs. Analysed ecosystem threats, land management practices, ecosystem services supply and values. Analysed current management practices and policies that impact on management of ecosystems. Collected relevant existing (spatial) datasets on: i) biophysical state and processes to assess ecosystem functioning; ii) key social indicators, including ES accessibility, land rights; iii) current land management practices and policies; and iv) proxies for ES values.</p>
January – Dec 2015	<p>Development of the Zambia REDD+ National Strategy</p> <p>Government Republic of Zambia: Forest Department</p> <p>Forestry and REDD+ Expert</p> <p>Provided technical advice to the Zambian government as a member of a multi-stakeholder expert working group contributing to development of the Zambian REDD+ National Strategy.</p>
January 2014 – Dec 2015	<p>REDD+ and Land tenure in Zambia</p> <p>University of Leeds</p> <p>Research Associate</p> <p>Facilitated and participated in meetings with forest users to understand lessons from past JFM projects, and how land tenure systems affected forest dependent communities and benefits from forests. Conducted focus group meetings, key informant interviews and household surveys in rural communities to understand the various benefits obtained from the native forests and how this could be enhanced. Conducted expert interviews to understand the various benefit-sharing mechanisms that exist, their limitations and the consequent impacts on livelihoods.</p>
January 2014 – Dec 2015	<p>Streamlining of REDD+ programmes into national policies</p> <p>Zambia Institute of Environmental Management (ZIEM), REDD+ and Land Tenure in Zambia</p> <p>Lead Consultant</p> <p>The project aimed at investigating if the current forest tenure and management systems, laws and policies are sufficient to ensure that REDD+ programmes are properly managed and that all communities benefit equally.</p> <p>The role included undertaking desk study, providing gaps and challenges in the implementation of the REDD+ in Zambia especially in relation to land tenure and participation of communities as primary beneficiaries at the local level. Further authentication of the information required engaging the local communities. Nawala and Petauke were selected based on the past “REDD+ related experiences and case studies”.</p>



January – Dec 2014	<p>Consultancy services for the development of Terms of References (TORs) UNREDD Programme – United Nations Development Programme (UNDP), United Nations Environmental Programme (UNEP), Food and Agriculture Organization (FAO)</p> <p>Independent Consultant: Forestry and REDD+ Expert</p> <p>Contributed to the development of TORs on six consultancies including: Strategic Review of the UN-REDD Programme in Zambia; Assessing the Role of Safeguards, Enforcement and Governance in REDD+ in Zambia; Assessing Financing, Incentives and Benefit Sharing Options and Considerations for REDD+ (National); Enhancing Private Sector Engagement in REDD+ in Zambia; Assessment of REDD+ Institutional Capacities and Capacity Needs; Governance and Institutional Expert to Support REDD+ in Zambia.</p> <p>Activities included, among others: Review of the UN-REDD programme outputs and outcomes. Assessed existing REDD+ safeguards, identified gaps, and proposed recommendations for subsequent strategies and recommendations. Assessed financing, incentives and benefit sharing opportunities. Identified opportunities for engaging private sector in the implementation of the REDD+. Assessed the existing roles, capacities and capacity building needs of national and provincial/district institutions to engage in REDD+ mechanism.</p>
January – Dec 2014	<p>Baseline study on Zambia’s export of illegal hardwood timber to China - Case study of Pterocarpus Chrysotrix (Mukula Tree) Nature Conservation Research Centre, Accra, Ghana</p> <p>Consultant</p> <p>Developed a Baseline survey on Zambia’s export of illegal hardwood timber to China. The study provided an analysis of the status of Zambia’s Mukula tree harvesting, in order to develop a conservation strategy to protect the threatened tree species.</p> <p>Tasks included: designed tools, conducted a literature review, interviewed a broad range of key experts in the forestry sector locally and internationally and conducted associated risk analysis of illegal harvesting and its implications for Zambia. The survey reviewed issues surrounding the costs and implications of illegal harvesting on other hardwood and natural resources in terms of the envisioned future of the forestry landscape in Zambia.</p>
January 2010 – Dec 2013	<p>Ecosystem services, rural livelihoods and carbon storage in Miombo woodlands University of Leeds, United Kingdom</p> <p>Researcher</p> <p>Conducted forest resource assessments, using Participatory rural appraisal (PRA) tools in understanding resource use and linkage to rural livelihoods. Assessment of institutions and governance structures of natural resources in selected study sites.</p>

Publications and Conference Papers

Peer-reviewed Research-based Reports

- Ng'onga, M., Kalaba, F.K., Mwitwa, J. and Bright, N., 2019. The interactive effects of rainfall, temperature and water level on fish yield in Lake Bangweulu fishery, Zambia. *Journal of Thermal Biology*. 84: 45-52
- Ng'onga, M., Kalaba, F.K. and Mwitwa, J., 2019. The contribution of fisheries-based households to the local economy (Capital and Labour) and national fish yield: A case of Lake Bangweulu fishery, Zambia. *Scientific African*, 5, p.e00120.
- England, M. I., Dougill, A. J., Stringer, L. C., Vincent, K. E., Pardoe, J., Kalaba, F.K., Mkwambisi, D.D., Namaganda, E., Afionis, S. (2018). Climate change adaptation and cross-sectoral policy coherence in Southern Africa. *Regional Environmental Change*, 1-13. doi:10.1007/s10113-018-1283-0



- Willemsen, L., Crossman, N.D., Quatrini, S., Egoh, B., Kalaba, F.K., Mbilinyi, B., de Groot, R. (2018). Identifying ecosystem service hotspots for targeting land degradation neutrality investments in south-eastern Africa, *Journal of Arid Environments*. DOI: 10.1016/j.jaridenv.2017.05.009
- England, M., Dougill, A., Stringer, L., Vincent, K., Pardoe, J., Kalaba, F., Mkwambisi, D., Namaganda, E. (2017). Climate change adaptation and cross-sectoral policy coherence in Southern Africa. Centre for Climate Change Economics and Policy. Working paper No. 303
- Kalaba, F.K., (2016). Barriers to policy implementation and implications for Zambia's forest ecosystems. *Forest Policy and Economics*, 69, pp40-44.
- Crossman N.D., Bernard, F., Egoh, B., Kalaba, F., Lee, N., and Moolenaar. (2016). The role of ecological restoration and rehabilitation in production landscapes: An enhanced approach to sustainable development. Working paper for the UNCCD Global Land Outlook.
- Whitfield, S., Dougill, A. J., Dyer, J. C., Kalaba, F.K., Leventon, J., Stringer, L. C. (2015). Critical reflection on knowledge and narratives of conservation agriculture. *Geoforum*, 60, pp133-142.
- Kalaba, F.K., (2014) A conceptual Framework for understanding Forest-Socio-ecological systems. *Biodiversity Conservation*, 14, pp 3391-3403
- Kalaba, F.K., Quinn, C.H., Dougill, A.J. (2014). Policy coherence and interplay between Zambia's forestry, energy, agricultural and climate change policies and multilateral environmental agreements. *International Environmental Agreements: Politics, Law and Economics*, 14, pp 181-198.
- Leventon, J., Kalaba, F. K., Dyer, J. C., Stringer, L. C., Dougill, A. J. (2014). 'Delivering community benefits through REDD+: Lessons from Joint Forest Management in Zambia.' *Forest Policy and Economics*, DOI: 10.1016/j.forpol.2014.03.005
- Kalaba, F.K., Quinn, C.H., Dougill, A.J. (2013). The role of forest provisioning ecosystem services in coping with household stresses and shocks in Miombo woodlands, Zambia. *Ecosystem Services*, pp 143-148.
- Kalaba, F.K., Quinn, C.H., Dougill, A.J. Vinya, R. (2013). Floristic composition, species diversity and carbon storage in charcoal and agriculture fallows and management implications in Miombo woodlands of Zambia. *Forest Ecology and Management*, 304 pp 99-109.
- Kalaba, F.K., Quinn, C.H., Dougill, A.J. (2013). Contribution of forest provisioning ecosystem services to rural livelihoods in the Miombo woodlands of Zambia. *Population and Environment*, 35, pp 159-182.
- Stringer, L.C., Dougill, A.J., Dyer, J.C., Kalaba, F.K., Mkwambisi, D., Mngoli M. (2012). Challenges and opportunities for carbon management in Malawi and Zambia, *Carbon Management*, 3, pp 159-173.
- Kalaba, F.K., Chirwa, P.W., Syampungani, S., Ajayi, C.O. (2010). Contribution of agroforestry to biodiversity and livelihoods improvement in rural communities of Southern African regions. *Tropical Rainforests and Agroforests under Global Change: Ecological and Socio-economic Valuations*, pp 461-476.
- Kalaba FK; Chirwa PW; Prozesky H. (2009). The contribution of indigenous fruit trees in sustaining rural livelihoods and conservation of natural resources. *Journal of Horticulture and Forestry* 1, pp 1-6.
- Chirwa, P.W., Akinnifesi, F.K., Sileshi G., Syampungani. S., Kalaba, F.K., Ajayi, O.C. (2008). Opportunity for conserving and utilizing agrobiodiversity in Southern Africa. *Biodiversity* 9 (1&2), pp 45-48

Selected Invited and Keynote addresses and conference papers

- Kalaba, F.K and Takam S (2019). A decade of adaptation to climate change in southern and eastern African counties, international Union of Forest Organisations, Curitiba or Brazil



- Kalaba, F.K. (2018). Climate change dialogue, Lusaka, Zambia
- Kalaba, F.K. (2017). IUFRO 125 years Congress, Freiburg, Germany.
- Kalaba, F.K. (2017). The role of Science Technology and Innovations in achieving SDGs, UN, New York, USA.
- Kalaba F.K (2017). Land degradation symposium, Lusaka, Zambia.
- Kalaba, F.K. (2014). IUFRO World Congress, Salt Lake City, Utah, USA, October 2014.
- Kalaba, F.K. (2013). Perspectives on Forest Conservation-Tackling the Frontier between Policy and Conservation. Freiburg, Germany, June 2013.
- Kalaba, F.K. (2013) Forest for People conference, Traverse City, Michigan USA, May 2013.
- Kalaba, F.K. (2012) Post Cop 17 Climate change and rural livelihoods in Africa, Gaborone, Botswana, July 2012.
- Kalaba, F.K. (2010). “Decade of Education for Sustainable Development: Lessons and Processes for a Sustainable World”. Environmental Education Association of Southern Africa (EEASA) Conference, Copperbelt University, Zambia, September 2010.
- Kalaba, F.K. (2009). Sustainable initiatives in the decade of education for sustainable development, Environmental Education Association of southern Africa conference. “Where are we?” Gaborone, Botswana, July 2009.
- Kalaba, F.K. (2008). “International symposium on tropical rainforests and agro forest under global change”. Bali, Indonesia, October 2008.
- Kalaba, F.K. (2008). “The implications of global climate change for sustainable agricultural production systems in ACP countries”, Ouagadougou, Burkina Faso, October 2008.
- Kalaba, F.K. (2008). African Network for Agroforestry Education (ANAFE), 2nd International Symposium on mainstreaming climate change in agricultural education: Tools and Experiences, Capital Hotel, Lilongwe, Malawi, August 2008.
- Kalaba, F.K. (2008). International symposium on underutilized plants for food security, nutrition, incomes and sustainability development, Arusha, Tanzania, March 2008.