**Dr. Felix Kanungwe Kalaba**

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| **Nationality** | Zambian  DOB 2nd June 1981 |
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| **Education** | PhD in 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 (fluent), Chewa (fair), Lamba (fair) |
| **Membership**  **of professional bodies** | * Affiliate Member of the Centre for Climate Change Economics and Policy * Member of African Forest Forum * International Union of Forest Research Organisations (IUFRO) * Member of Environmental Education Association of Southern Africa |

**Employment record**

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| 2005 - Present | Senior Lecturer/ Dean 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 |

**Relevant professional experience**

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| Feb 2018- | Intergovernmental Panel on Climate Change (IPCC).  Working Group II: Impacts, Adaptation and Vulnerability Preparing the IPCC Sixth Assessment Report (AR6)  ***Cross-Chapter Paper Lead for the cross-chapter paper on tropical forests, and Lead Author for Africa Chapter 9.*** The Working group seeks to assesses the vulnerability of socio-economic and natural systems to climate change, negative and positive consequences of climate change and options for adapting to it  * Review and analysis of vulnerability to climate change in Africa and options of adapting to it   Review and analysis of the role of tropical forests in adapting to climate change. |
| Feb - May 2018 | Zambia’s Ministry of National Planning/OneWorld Sustainable Investments  ***Environment and Natural Resources Expert- Screening climate change policies plans and strategies.***  The project aimed to develop guidelines for Screening Climate Change in Sector Policies, Plans and Strategies. The main activities included;   * Undertake a situational analysis on sector policies, plans and strategies to enhance the understanding of the dynamics of the sectors and assess the extent to which climate change considerations have been reflected there in; * Review international and regional best practices on climate change screening guidelines for adaption to the Zambian context; * Develop screening guidelines for mainstreaming Climate resilience into sector policies, plans and strategies. This should include a training module and/or user guide for climate sensitive sectors; * Develop and elaborate sector-specific and investment-tailored processes and tools for climate change screening; |
| Feb-August 2018 | Zambia’s Ministry of National Planning/OneWorld Sustainable Investments  Climate change Risk and Vulnerability Assessment in Luapula, Muchinga, Northern and Western Provinces of Zambia  ***Land Use, Forestry and Natural resources expert***   * 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. |
| 2017 – 2018 | Food and Agriculture Organisation (FAO)  Sustainable Forest and Woodland Management for Food and Nutrition Security in Western Province of Zambia  ***National Consultant (Forest Tenure)***   * Conduct the assessment of the current forest tenure system against the Voluntary Guidelines on Responsible Governance of Tenure (VGGT); * Policy analysis of forestry, energy, wildlife, agriculture policies and their implications on sustainable management of forest resources for food security. * Conduct key informant interviews with various stakeholders and traditional authorities |
| Oct – Nov 2017 | Zambia’s Ministry of National Development/OneWorld Sustainable Investments  Baseline Climate Risk and Vulnerability Assessment and Vulnerability Tool development in Northern Zambia  ***REDD+ and Forestry Analyst and Advisor***   * 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 |
| Mar – June 2017 | World Bank  Market Study of Forestry and Agroforestry Sector in Zambia; and Co-drafting and finalisation of Zambia’s Forest Investment Plan  ***Consultant***   * Conducted a market study of forestry and agroforestry sector in Zambia, 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. * 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-drafting and finalising of Zambia’s Forest Investment Plan. |
| 2015 | United Nations Convention to Combat Desertification (UNCCD)/Foundation for  Sustainable Development  Mapping and Assessment of Ecosystem Services in Tanzania, Zambia and South Africa  ***Consultant***   * 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. |
| 2014 – 2015 | University of Leeds  REDD+ and Land tenure in Zambia  *Research Associate*   * 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. |
| 2014 | Nature Conservation Research Centre, Accra, Ghana  Baseline study on Zambia’s export of illegal hardwood timber to China - Case study of Pterocarpus chrysothrix (Mukula Tree)  ***Consultant***  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. |
| 2010 – 2013 | University of Leeds, United Kingdom  Ecosystem services, rural livelihoods and carbon storage in Miombo woodlands  ***Researcher***   * Conduct forest resource assessment * Use of PRA tools in understanding resource use and linkage to rural livelihoods * Assessment of institutions and governance structures of natural resources in selected study sites. |

# Publications and Conference Papers (selected)

# 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

Willemen, 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.

CrossmanN.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*5, 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. (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

**REFEREES**

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