

1.1. Curriculum Vitae

1. Family name: **NDIYOI**
2. First names: **MUKELABAI**
3. Nationality: **ZAMBIAN**
4. Country of Residence: **ZAMBIA**
5. Contact details: mukelabai.ndiyoi@gmail.com
Phone +260 97 743 0928



6. Education:

Institution [Date from - Date to]	Qualification obtained:
University of Florida, Gainesville, USA Jan 1986 to 06 August 1988	MSc Agronomy (Crop Production, Farming Systems Research and Rural Development)
University of Zambia, Lusaka, Zambia October 1977 to 17 October 1981	BSc Agriculture
Pemba Secondary School 1975 to 1976	Cambridge General Certificate of Education (GCE Division 1)

7. Language skills: (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
siLozi	1	1	1
English	1	1	1
Portuguese	3	4	5
seSotho/Tswana	3	2	5
siNyanja/Tonga/Bemba	5	3	5

8. Membership of professional bodies:

Founding member since 1995, current President of Farming Systems Association of Zambia – (FASAZ); President in 1999, Southern African Association of Farming Systems Research and Extension – (SEAFSR-E); Association for Farming Systems Research-Extension (AFSRE)

9. **Specialisation** (e.g. Agronomy, soil fertility, Crop Production Farming Systems Research and Rural Development)

10. **Present position:** Director at Mwendi Farming Ltd

11. Key Skills:

- 1) **Project Planning, Management and Evaluation.** Using the logical framework approach, I can plan and implement projects, and evaluate the process and outcomes of projects. This depends largely on the ability to define project objectives that state the changes that can be measured.
- 2) **Institutionalization.** I have very good practical understanding of what institutions are and the factors that need to be nurtured by management to ensure the growth and survival of an institution.
- 3) **Team Leader.** I am able to build and lead a multidisciplinary team of researchers to a common purpose.
- 4) **Farming Systems Agronomist.** I am able to implement investigations that seek improvements in agricultural practices for small farmers using participatory approaches espoused in farming systems approach:
 - a) Able to conduct on-farm agronomic experiments and the statistical analyses and interpretation peculiar to such research,
 - b) Design recommendations that respond to the circumstances of the target group,
 - c) Promote improvement and maintenance of **soil fertility** on small farms.
- 5) **Training.** I am able to conduct training sessions for specific target audiences – farmers, field staff, researchers, and managers.
- 6) **Priority Setting in (Agricultural) Research.** I can facilitate the derivation of research themes for agricultural research and proceed to prioritize these and draw up an indicative programme.
- 7) **Diagnostic Surveys.** Design and implement diagnostic surveys for the purpose of defining opportunities for improvements in a given farming system
- 8) Rural development, **food security research.**
- 9) Current Research interest (i) Projects that address rural youths (ii) Early introduction of **statistics and research discipline** to undergraduates. (iii) General monitoring and evaluation of projects targeted at rural populations, (iv) Effective response to climate variability.

12. Specific experience:

Country	Date from - Date to
Zambia	1981-Date
Mozambique	February – November 2000, Oct - Dec-2001, Jan to December 2003
Botswana	Jan – Feb, 1992
8 SADC countries: Zimbabwe, South Africa, Madagascar, Lesotho, Swaziland, Zambia, Malawi, Zambia	Aug – Sept 2010
Botswana, Lesotho, Namibia	October 2011 Sept – Nov 2007
South Africa, Zimbabwe, Malawi	September to November 2006

13. Professional Experience (Formal Employment and Assignments/Consultancies)

Date from - to	Location	Organisation	Position	Description of Duties and Achievements
August 2013 to November 2020	Mongu	The University of Barotseland	Director of Research	I am one of the 15 directors who established the University of Barotseland. Until we recruit independent persons, I have often doubled as Director of Research. I have been open to collaborating with government programmes, NGOs and International research programmes. I also taught an introductory course in statistics in the school of natural resources.
January 2019 to November 2019	Mongu	Export Trading Group Mongu, Zambia	Project Manager	To Support the Zambia's Ministry of Agriculture to rehabilitate old cashew plantations, and establish new plantations to cover 60,000 hectares in 10 districts of Western Province. Recruited the 10 district coordinators and devised a system they used to work with the district agricultural staff and lower to deliver the objectives of the project.
March - December 2018	Mongu	Caritas Czech Republic	Trainer	Capacity Building Small Scale Farmers in Value Chain Development focusing on Mango, Cashew and Cassava
August to December 2015	Mongu	International Water Management Institute (IWMI).	Consultant	Specific activities included: Collected, supervised, and validated hydrological data collection in the Barotse Flood Plain in Zambia. Represented the IWMI AAS Team in meetings, workshops, and other events within the Barotse Hub and developed and maintained relationships with key partners. I documented the research processes undertaken under the IWMI led Initiative.

Date from - to	Location	Organisation	Position	Description of Duties and Achievements
November – December 2013	Lusaka	Ecorys UK Ltd of Vincent House,	Consultant-Agriculture and Livelihoods	A member of a pre-feasibility assessment team fielded by Climate Resilient Infrastructure Development Facility - CRIDF to identify and agree with Ministry of Agriculture and Livestock (MAL) and UNDP - GEF which of the on-going activities could potentially be supported by CRIDF.
August – September 2013	Mongu	Bioversity International	Consultant	Aquatic Agricultural Systems (AAS) - Baseline Surveys Defined the population, stratified it, and drew the sample of 400 households in the 10 primary and 20 cohort villages; Supervised administration of questionnaire by research assistants in all primary and cohort villages, including checking entries/records and correcting responses to questions in the questionnaire.
January to July 2013	Lusaka	Zambia Agricultural Research Institute ZARI	M&E Consultant	I developed the Monitoring and Evaluation Operational Manual and Performance Monitoring Plan for the APPSA Project indicating the monitoring (data collection) and evaluation (data analysis) components of the project.
March 1 to May 9 2012	Lusaka, Zambia	FAO, ROME Att Bultemeier, Bernd (OEDD)	Farming Systems Expert and Coordinator	Conducted a Beneficiary Assessment of EU funded project “Expansion of the Farmer Input Support Response Initiative (FISRI) to Rising Prices of Agricultural Commodities in Zambia.
October 2011	Zambia, Lesotho, Botswana, Namibia	GART Golden Valley Agricultural Research Trust	Farming Systems Agronomist	Member of two-man team on evaluating a regional programme funded by SIDA on HIV/AIDS and Food Security Links: Strengthening Mitigating Mechanisms amongst Smallholder Farmers in Botswana, Lesotho, Namibia and Zambia.
April 18 to October 18 2011	Lusaka	World Food Programme (WFP) The UN System	Consultant	My job was to facilitate the process starting by developing the terms of reference to keeping fingers on the timeline to complete the process in time.

Date from - to	Location	Organisation	Position	Description of Duties and Achievements
Jan-6 to 21 March 2011	Lusaka	JICA The Resident Representative Japan International Cooperation Agency	Team Leader/Consultant	Impact assessment of the Food Crop Diversification Project (FODIS). The overall objective of the study was to determine the level and kind of impact that the project had achieved so far or is likely to achieve in the near future, based on the Project Design Matrix (PDM).
8 August – 31 September 2010	Zambia	FAO Regional Emergency Office for Southern Africa	Consultant	The mission was fielded to critically evaluate the Conservation Agriculture Working s Group (CARWG) and the National Conservation Agriculture Task Force (NCATF) in 8 SADC countries with the objective of identifying areas for improving the effectiveness of these CA coordinating bodies.
November 30 2009 – October 15 2010 (45 days effort)	Lusaka	Food and Nutrition Technical Assistance II Project (FANTA-2)	Senior Agricultural Specialist	My role was to participate in a FANTA-2 team to develop a country-specific Food Security Country Framework (FSCF) for Zambia. I served as an In-Country Resource in the strategy development process.
23 August – 9 September 2009	Mansa, Zambia	ECORYS Nederland B.V.	National Consultant	Member of two-person team that evaluated PLARD and Finland support to the agriculture sector in general. to provide evidence-based information and proposals and recommendations to guide the Finnish Development Cooperation. I assisted in the preparation of the Aide Memoire.
June – September 2009	Lusaka	International Water management Institute (IWMI).	Consultant	I conducted a situation analysis of Agricultural Water Management Practices for smallholder in Zambia in support of The Agricultural Water Management (AWM) Solutions Project.

Date from - to	Location	Organisation	Position	Description of Duties and Achievements
July 2008 – January 2009	Lusaka, Zambia	Wetland Action	Team leader	<p>Wetland Action supported a demonstration Project in Northern Zambia—Mpika. My role was to contribute to the drawing out of policy issues particularly those that will contribute to the draft Wetland Policy.</p> <p>Finally contributed to the writing of a book published by Wetlands International “Planting Trees to Eat Fish: Field Experiences in Wetlands and Poverty Reduction”</p>
July 10 2008 – November 10 2008	Lusaka, Zambia	FASAZ	Team leader	Preparation of the Project Completion Report for the Smallholder Enterprise and Marketing Programme (SHEMP). SHEMP aimed at reducing rural poverty among the resource poor smallholders through increased incomes and improved food security.
November 8, 2007 to July 9 2008	Lusaka, Zambia	Concern Worldwide UK Alpha House 100 Borough High Street	Consultant Support to CAADP Investment Plan Formulation	My role was to monitor the process leading to the signing of the CAADP compact in which the GRZ and Partners commit to the objectives of the programme.
Dec 2007 – Jan 2008	Senanga and Mongu Districts, Zambia	Concern Worldwide Zambia,	Team leader and Farming Systems Agronomist	Team leader responsible for evaluating the DFID funded Flood Response Project in Western Province.
Sept - Nov 2007	Zambia, Lesotho, Botswana, Namibia	GART Golden Valley Agricultural Research Trust	Team leader and Farming Systems Agronomist	I was the team leader of a three-member team evaluating a regional programme funded by SIDA. I synthesized the inputs from the other two members and presented the report to the client.
January - March 07	Zambia	JICA The Resident Representative Japan International Cooperation Agency	Team leader and Farming Systems Agronomist	I was the team leader of a team conducting Baseline Study on the Food Crop Diversification Support Project (FoDiS) in Drought Prone Region I and II of Zambia to buttress the justification and contribute to the formulation of FoDiS’s long-term aspiration.

Date from - to	Location	Organisation	Position	Description of Duties and Achievements
June 2006 - January 2007	Lusaka, Zambia	FASAZ P.O. Box 38806, Lusaka, Zambia	Agronomist	One of two member team assessing the “Impact of Productivity-Enhancing Interventions on Household Income among Agricultural Support Programme (ASP) Target Groups”. The ASP desired to understand the extent of adoption of productivity enhancing interventions among the target households.
September - November 2006	South Africa	FAO Regional Interagency Coordination and Support Office (RIACSO),	Team leader, Farming Systems Agronomist	I was the team leader of a three-member evaluation team assessing the impact and implementation progress of the “Strengthening Livelihoods through Food and Nutrition Security in Vulnerable SADC Countries” Project. I was responsible for putting together the contributions from the other two members and finalized the evaluation report, presented to stakeholders, and submitted the final report to the client
August 2005	Mongu, Zambia	CWW-Zambia Concern Worldwide Zambia,	Farming Systems Agronomist	I carried out analysis showing the points of vulnerability for the Bulozzi Livelihood System of Western Province making it likely that such vulnerabilities can be addressed. I wrote and presented my findings in a report.
July - August 2005.	Lusaka, Zambia	Farming Systems Association of Zambia (FASAZ)	Agronomist	One of two-member team that carried out a rapid assessment of ex-post impact of a of Zambia’s Economic Expansion in Outlying Areas (EEOA) Programme which was funded by SIDA.
January - April 2005	Lusaka, Southern Province, Zambia	Farming Systems Association of Zambia (FASAZ)	Farming Systems Agronomist	One of three researchers on the study “HIV/AIDS and Community Resilience in Zambia: Understanding the Implications for Food and Nutrition Policies”. Sponsored by IFPRI, the study sought to identify the types of stress exerted by the HIV/AIDS on rural livelihoods and how affected households cope in the face of illness and death of household member.
January - December 2003	Lichinga, Mozambique	GRM International	International Farming Systems Expert	I drafted the Log frame for the Agricultural Services Component and contributed to the formulation of the proposal to extend the project. The project was granted an extension of two years: 2004 and 2005.

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Feb – Mar 2001	Zambia	Farming Systems Association of Zambia (FASAZ)	Farming Systems Researcher	In conjunction with The International Service for National Agricultural Research (ISNAR), facilitated the priority setting for agricultural research workshop for Zambia, for commodity (including cassava) and non-commodity research programmes and research themes.
Feb – Nov 2000; Oct - Dec 2001	Maputo, Mozambique	GRM International	International farming systems expert	I was embedded in the Interim Strengthening of the Farming Systems Research project whose main base was the Conselho Técnico de Investigação Agrária (CTIA). I was responsible for capacity building in changing the manner of setting the agenda for research
February - March 1999, August - September 2001	Luapula, Zambia	FAO Office of the Resident Representative, Food and Agriculture Organization -	Team Leader, Beneficiary Assessment Survey	My duty was to lead a team of researchers to carry out beneficiary assessments that were input into scheduled evaluations. Two assessments were conducted, one mid-term (1999) and the other final (2001). I led my team to the main objective of the Participatory Rural Appraisal (PRA) study.
June, September 1999	Southern Province, Zambia	CARE Sylvester Kalonge	Team leader	Team leader of a team that reviewed the Livingstone Food Security Project (LFSP). The overall goal of the review was to inform CARE to what extent LFSP had achieved the targets set out at the beginning of the second phase.
May 1995 – November 1998	Southern, Central, and Western Province, Zambia.	FAO, Food and Agriculture Organization -	National Coordinator	I was the National Coordinator of the FAO's Special Programme for Food Security (SPFS).
1993 - 1995	Lusaka (All Provinces)	The Adaptive Research Planning Team (ARPT)	Farming Systems Agronomist/ National Coordinator	Chief Agricultural Research Officer in the Farming Systems and Social Sciences Division (1993 – 1995). The Adaptive Research Planning Team (ARPT) was essentially to Network provincial-based Research Teams focusing on improving the productivity of smallholders. I visited all provincial teams on backstopping missions and during annual review workshops.

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June 1988 - December 1992	Western Province, Zambia	The Adaptive Research Planning Team (ARPT)	Farming Systems Agronomist/ Provincial Coordinator	Synthesized the work done in Agronomy since the teams' inception. Appointed Team Leader of the ARPT at provincial level. The team consisted of eight professional officers representing the disciplines of Agronomy, Economics, Livestock, Sociology and Research-Extension Liaison.
July 1981 - December 1985	Western Province, Zambia	The Adaptive Research Planning Team (ARPT)	Farming Systems Agronomist	Conducted an Informal Survey of Kaoma District. The document formed the foundation for the Teams' activities in the district Set model for conducting farmer field days to maximize participation of farmers in agricultural technology development. Set up community seedbanks

14. Publications

Publications (https://www.researchgate.net/profile/Mukelabai_Ndiyoi/publications)

- Kate Elizabeth Gannon, Declan Conway, Joanna Pardoe, Mukelabai Ndiyoi, Nnyaladzi Batisani, Eric Odada, Daniel Olago, Alfred Opere, Sinah Kgosietsile, Mubita Nyambe, Jessica Omukuti, Christian Siderius (2018). Business Experience of Floods and Drought-Related Water and Electricity Supply Disruption in Three Cities in Sub-Saharan Africa during the 2015/2016 El Niño { http://41.77.4.164:6510/eprints.lse.ac.uk/90480/1/Gannon_Business%20experience_2018.pdf }
- Ndiyoi Mukelabai, Jonas Bupe Sampa, Patrick Thawe, and Adrian Wood (2009). **Striking a Balance: Maintaining Seasonal Dambo Wetlands in Malawi and Zambia** in Wetlands International, 2009. Plant Trees to Eat Fish: Field Experiences in Wetlands and Poverty Reduction. Wetlands International, Wageningen, The Netherlands { <http://41.77.4.165:6510/archive.wetlands.org/Portals/0/publications/Book/trees%20for%20fish%20for%20web.pdf> }
- Ndiyoi, Mukelabai. Constraints to Agricultural Development in SADCC Region: Discussion Points on Concerns in **Setting Priorities for SACCAR the Decade 1991-2000**, Botswana September, 1990.
- David Neven, Hikuepi Katjuongua, Ingrid Adjosoediro, Thomas Reardon, Pia Chuzu, Gelson Tembo, and Mukelabai Ndiyoi (2006). **Food Sector Transformation and Standards in Zambia: Smallholder Farmer Participation and Growth in the Dairy Sector**. MSU Staff Paper 2006-18 May 2006 { <https://ageconsearch.umn.edu/bitstream/11701/1/sp06-18.pdf> }
- Ndiyoi, Mukelabai (October 2005). **Reduction of Vulnerability and Poverty: An Analysis of Household Livelihood Systems Prevalent in the Barotse Plains**. Concern World Wide, Lusaka
- Bultemeier, Bernd, Margaret McEwan, Crispin Chanda, Mukelabai Ndiyoi (October 2001). **Evaluation of Improving Household Food Security and Nutrition in the Luapula Valley Project**

(IHFSAN). Rome, FAO. {

http://41.77.4.165:6510/www.ipcinfo.org/fileadmin/user_upload/oed/docs/GCPZAM052B_EL_2001_ER.pdf}

7. Ndiyoi, Mukelabai, Mark Rweyemamu, and Kate Meadows, (November 2006). **Strengthening Livelihoods through Food and Nutrition Security in Vulnerable SADC Countries**. Regional Interagency Coordination Support Office (RIACSO) Johannesburg, South Africa. {
http://41.77.4.165:6510/www.fao.org/fileadmin/user_upload/oed/docs/OSRORAF510_511SAF_2006_ER.pdf}
8. NDIYOI, Mukelabai, Mick MWALA, Shinga MUPINDU, Sepo MARONGWE (2012). Beneficiary Assessment Report on Capacity Building for CA: Expansion of the Farmer Input Support Response Initiative (FISRI) to Rising Prices of Agricultural Commodities in Zambia {<http://41.77.4.164:6510/www.fao.org/3/a-bd581e.pdf>}
9. Katjuongua, Hikuepi, Tom Reardon, David Neven, Mukelabai Ndiyoi (2006). **Supermarkets and Dairy Products: Policy and Program Implications, Case Study of Zambia**. FAO, MSU, FASAZ
10. Ndiyoi, Mukelabai, Phoebe Bwembya, Gelson Tembo (November 2007). **Evaluation of HIV/AIDS and Food Security Links: Strengthening Mitigating Mechanisms amongst Smallholder Farmers in Botswana, Lesotho, Namibia and Zambia**. GART, Chisamba.
11. Ndiyoi, Mukelabai and Lewis M. Bangwe (August 2009). **Agricultural Water Management Solutions: The Situational Analysis in Zambia**. The Farming Systems Association of Zambia, Lusaka and International Water Management Institute, Pretoria.
12. Ndiyoi Mukelabai, The Potential Role of Farmer Field Days In the Integration of Research and Extension Programs: the Experience of ARPT in Western Province. Paper at **The Farming Systems Symposium** Kansas State University, Oct. 1986.
13. Ben Zimba, and Mukelabai Ndiyoi, Informal Survey of Kaoma District August 1981 ARPT

15. Professional Referees

1. Rob de Rooij, Ph.D., Director, Wetland Action EEIG, Stadionweg 104
1077ST Amsterdam, The Netherlands
tel: +31 20 6707689, cel: +31 6 54384185, fax: +31 20 6736481
Email: rob@middel.com or office@wetlandaction.org

2. Mick S. Mwala Ph.D., Senior Lecturer, University of Zambia, Department of Crop Sciences, P.O. Box 32379, Lusaka, ZAMBIA.
Tel: (+260) 21 1 295 655 -0.
Mobile: +260 97 767 0635
Email: mmwala@yahoo.com

3. Gelson TEMBO PhD **Lecturer I**, Dept of Agricultural Economics, University of Zambia, P.O. Box 38806, Lusaka,
Zambia Tel: (260) 21 128 4638; Cell: (260) 96 628 4638 E-mail: tembogel@yahoo.com ,
tembogel@zamnet.zm