

CURRICULUM VITAE

1. **Family name: Makombe**
2. **First names: Godswill**
3. **Date of birth: 15 November 1960**
4. **Nationality: Zimbabwe**
5. **Civil status: Married**
6. **Education:**

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Colorado State University 1996 to 2004	<ol style="list-style-type: none">1. MS Student Affairs in Higher Education (2004)2. PhD. Agricultural and Natural Resources Economics (2000)3. MBA (1999)4. MS Agricultural and Natural Resources Economics (1998)
University of Zimbabwe 1987-1992	MPhil
University of Zimbabwe 1983-1985	BSc Agriculture

7. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Shona	1	1	1
English	1	1	1

8. **Membership of professional bodies:**

South African Local Economic Development Network

South African Economics Association

American Agricultural Economics Association

International Association of Agricultural Economists.

9. **Other skills:** (e.g. Computer literacy, etc.)

Computer literate:

Programs used: Word, Excel, PowerPoint, SPSS, Limdep, Stata, Eviews

10. **Present position: Associate Professor, Master of Development program, University of Limpopo.**

11. **Years within the firm: 3 Months**

12. **Key qualifications:** (Relevant to the assignment)

Training in Agricultural economics (MS, PhD) and business (MBA). Project management.

Relevant experience in Africa.

13. **Specific experience in the region:**

Country	Date from - Date to
Swaziland, Lesotho, Botswana, Zambia, Malawi, Kenya, Uganda, Tanzania, Ethiopia, Rwanda, Burundi	Between 1990 and 1996 I spent at least 4 to 6 weeks in each of the listed countries studying the countries' farming systems for purposes of training researchers on the On Farm Research with a Farming Systems Perspective approach to research.

14. Professional experience

Date from - Date to	Location	Company	Position	Description
01/05/13 -Current	Polokwane , South Africa	University of Limpopo	Associate Professor. Master of Development program	I teach relevant courses in development including Agricultural and Rural Development, Local and Regional Economic Development and Research Methods. I also conduct research on the most topical issues in development in South Africa including economic development, rural development, land reform and irrigation development. I also analyse the current and potential impacts of the South African government's economic policies in general but specifically related to their current thrust on local economic development as an instrument for lifting people out of poverty. I analyse pro poor policies in alleviating poverty and improving the countries inequality, unemployment and food security status.
01/11/09 - 10/11/12	Dar es Salaam, Tanzania	AfricaRice Centre (one of the CGIAR centres)	Agricultural economist	Undertaking agricultural economics research on rice-based production systems in key ecologies in Africa along the upland-lowland continuum, giving particular attention to farm and household level evaluation within a multidisciplinary context. The position required extensive on-farm work so I spent considerable amount of time in rural areas. The major objective was to improve the productivity and competitiveness of rice based production systems in Africa with the specific tasks including, but not limited to: (i) Generating profiles of rice based production systems including the assessment of opportunities and constraints. (ii) Developing crop budgets and farm models to assess and identify optimal production and resource allocation decisions in rice based systems.(iii)Undertaking socio-economic assessment of improved and appropriate technologies of rice based production systems. (iv) Enhancing capacity development and knowledge exchange with NARES and sharing experiences and expertise with NARES staff. (v) Backstopping NARES economists in the implementation of their activities. I conducted the work in 21 rice growing African countries and together with the NARES we collected and analysed rice production data to characterise the different production systems.

26/08/2008-31/10/09	Polokwane South Africa	<ol style="list-style-type: none"> 1. European Union funded Limpopo Local Economic Development (LED) Resource Centre 2. Turfloop Graduate School of Leadership. University of Limpopo, South Africa 	<ol style="list-style-type: none"> 1. Consultant: Chief Economist 2. Adjunct Senior Lecturer 	<ol style="list-style-type: none"> 1. Working as a consultant; chief economist for a European Union funded Limpopo LED Resource Centre based at the University of Limpopo, South Africa. My duties involved to pro-actively seek research work from domestic and international sources with the objective of assisting the Local Economic Development (LED) activities in Limpopo and South Africa in general. I wrote proposals and undertook field research, desk top studies and other activities to ensure timely completion of work. I managed external consultants and / or data collectors. I provided appropriate support to the Limpopo LED research centre aiming to build its capacity and financial viability. Although South Africa is a developed country, the poverty in the rural areas (the former homelands) is reminiscent of the same phenomenon in many developing countries. The centre attempted to address this issue. 2. Teaching classes in the Masters in Development Programme at the Turfloop Graduate School of Leadership, University of Limpopo. Supervising masters research projects.
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01/01/20 05- 25/08/20 08	Addis Ababa, Ethiopia	International Water Management Institute	Post Doctoral Fellow: Economist	<p>I worked on many projects in the International Water management Institute (IWMI). My major project was called "Impact of Irrigation on Poverty and Environment in Ethiopia". My major duties involved data collection (using surveys) to evaluate the impact of the different types of irrigation systems in Ethiopia. The major objective was to provide a blue print for the development of policies for Ethiopia's water resources and irrigation development strategy that has the greatest impact of reducing poverty, increasing food security, but limits the negative impacts on the environment. Ethiopia is one of the most food insecure countries in the world. The government of Ethiopia uses irrigation development to mitigate the effects of drought that are also a major cause of food insecurity. Such analysis helps to inform irrigation development policy, the food security strategy and rural development in general. In order to achieve this I studied, described and analysed the rainfed and irrigated agricultural production systems. I compared these agricultural production systems in order to evaluate the benefits from the production system based on irrigation. It is important that we develop sustainable agricultural production systems in the development work. I studied the markets available for the produce from the irrigation systems, and recommended ways in which the systems participants could organise themselves so as to improve their performance. I made recommendations to the relevant ministries for the development of the marketing infrastructures. I coordinated and supervised different research teams working in Ethiopia. I worked in a multicultural environment where effective communication is vital. Sometimes the issues discussed were of a sensitive nature and had to be handled carefully but I thrived well in this environment. I worked with different regional offices, and although from my office I had secretarial service, in the regions I organised my own meetings. Consensus building was essential for this work.</p>
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01/01/19 90- 15/08/19 95	Harare, Zimbabwe	Research Fellow/Lecturer	University of Zimbabwe	<p>Teaching economics classes. I taught the following classes: Agricultural economics, Research methods in agricultural economics and production economics. I was involved in curriculum development and in evaluating and re-evaluating the content of the classes that I taught. I also conducted research on the Zimbabwean small holder agricultural production systems to establish how economically efficient the agricultural production systems were performing. During this time, I was also a project manager on a research project called the University of Zimbabwe (Harare), Agricultural Technical and Extension Services (AGRITEX) and International Food Policy Research Institute (Washington D.C.) Irrigation Performance in Zimbabwe Project, which was funded by the Rockefeller Foundation and the International Development Research Centre. The major objective of the project was to study and compare small holder rainfed and irrigated agricultural production systems in order to make recommendations for future irrigation development. I worked extensively with agricultural communities in trying to understand the agricultural production systems. Data were collected using surveys which required extensive statistical/quantitative/econometric analysis.</p>
01/01/19 87- 31/12/19 89	Harare, Zimbabwe	Research Officer	Department of Research and Specialist Services, Government of Zimbabwe	<p>In this position I contributed to generating production recommendations for smallholder producers in Zimbabwe. These recommendations were adopted by some farmers. For those who adopted the recommendations a positive impact on their production was observed. The adoption studies also indicated why some farmers did not adopt the recommendations. Recommendations were made in order to alleviate the constraints faced by farmers in adopting the recommendations so as to improve the overall performance of the agricultural production system. We also encouraged and organised farmers to market their excess produce. These efforts were very successful in improving farmer performance.</p>

01/01/19 86- 31/12/19 86	Harare, Zimbabwe	Research Fellow	University of Zimbabwe	I collected data on the smallholder agricultural production systems in Zimbabwe. The purpose was to collect descriptive data that would be used to identify potential areas of intervention that would improve the performance of the farming systems. Both production and marketing data were collected.
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15. Other relevant information (e.g., Publications)

Email: makombeg@yahoo.com

Peer reviewed publications.

Makombe, Godswill ;Hagos, Fitsum; Namara, Regassa E.; Awulachew, Seleshi Bekel and Mekonnen Ayana⁵e, and . (2013). An analysis of the productivity and technical efficiency of smallholder irrigation in Ethiopia. Submitted Agricultural Economics Review.(Under review)

Makombe, Godswill, Hagos Fitsum, Namara, Regassa E.and Awulachew, Seleshi Bekele and Bossio, Deborah. (2013). An Assessment of the financial viability and income impact of small scale irrigation in Ethiopia. Submitted Water International (Uder review)

Makombe, Godswill, Hagos, Fitsum; Namara, Regassa E.; Awulachew, Seleshi Bekele (2012). An Assessment of the financial viability and income impact of small scale irrigation in Ethiopia. **Water International. Submitted (Under Review).**

Maepa, Maatla Aaron; Makombe Godswill (2012). Is the Revitalization of Smallholder Irrigation Schemes Program in South Africa a viable option for smallholder irrigation development? **Water International. Submitted Under Review).**

Nhamo, Nhamo; Rodenburg, Jonne; Zenna, Negussie; Makombe, Godswill; Luzi-Kihupi, Ashura. (2012). Narrowing the rice yield gap in East and Southern Africa: using and adapting existing technologies **Agricultural Systems. Submitted. (Revise and resubmit).**

Namara, Regassa E; Makombe, Godswill; Hagos, Fitsum; Awulachew, Seleshi B. (2012). Rural Poverty and Inequality in Ethiopia: Does Access to Small-Scale Irrigation Make a Difference?. **Ethiopian Journal of Development Research. Accepted, In Print.**

Hagos, Fitsum; Makombe, Godswill; Namara, Regassa E.; Awulachew, Seleshi Bekele. 2010. **Importance of irrigated agriculture to the Ethiopian economy: Capturing the direct net benefits of irrigation.** Ethiopian Journal of Development Research. 32 (1):5-55

Hagos, Fitsum; Makombe, Godswill; Namara, Regassa E.; Awulachew, Seleshi Bekele. 2009. **Importance of irrigated agriculture to the Ethiopian economy: Capturing the direct net benefits of irrigation.** Colombo, Sri Lanka: International Water Management Institute (IWMI). 40p. (IWMI Research Report 128) doi: 10.3910/2009.133

Makombe, G., Kelemework, D., Aredo, D., 2007. A comparative analysis of rainfed and irrigated agricultural production in Ethiopia. *Irrigation and Drainage Systems*. 21, 35-44. Online DOI <http://dx.doi.org/10.1007/s10795-007-9018-2>

Makombe, G., and R.K. Sampath (2003). A Comparative Analysis of the Influence of Socioeconomic variables on the Financial Performance of Smallholder Irrigation Systems in Zimbabwe. *International Water Resources Association, Water International* 28(4): 416-421

Makombe, G., S. P. Davies and R. K. Sampath. 2001. An Evaluation of *Bani (dambo)* Systems as a Smallholder Irrigation Development Strategy in Zimbabwe. *Canadian Journal of Agricultural Economics* 49 (2001): 203-216.

Sampath R.K and Makombe G. 1999. An economic Analysis of Small Holder Irrigated Farms in Zimbabwe. *International Water Resources Association. Water International* 24(1): 59-64.

Makombe G, Makadho J.M. and Sampath R.K. 1998. An Analysis of the Water Management Performance of Small Holder Irrigation Schemes in Zimbabwe. *Journal of Irrigation and Drainage Systems* 12: 252-263, 1998

Makombe, G. and R. K. Sampath. 1998. An Economic Evaluation of Smallholder Irrigation Systems in Zimbabwe. *International Journal of Water Resources Development* 14(1): 77-90.

Makombe G and Sampath R.K. 1998. A benefit cost analysis of smallholder irrigated farms in Zimbabwe. *Journal of Irrigation and Drainage System* 13: 1-12, 1999

Other publications

Awulachew, S.B., D.J. Merry, A.B. Kamara, B. Van Koppen, F. Penning de Vries, E. Boelee, G. Makombe (2005). Experiences and opportunities for promoting small-scale/micro irrigation and rainwater harvesting for food security in Ethiopia. Colombo, Sri Lanka: IWMI. V 86p. (Working paper 98).

Rukuni M., M. Svendsen, R. Meinzen-Dick with G. Makombe eds. 1994. *Irrigation Performance in Zimbabwe*. Proceedings of two workshops held in Harare and Juliasdale, Zimbabwe, 3-6 August, 1993. UZ/AGRITEX/IFPRI Irrigation Performance in Zimbabwe Research Project. Faculty of Agriculture. University of Zimbabwe

Mataruka D. F., Makombe G., Makore J., Whingwiri E.E. 1988. Comparative performance of four grain cereals: maize, sorghum, pearl millet and finger millet grown under similar environmental conditions. Paper presented at the Inaugural Symposium on Science and Technology, Holiday Inn, Harare, 4-6 January, 1988.

Sithole S. and Makombe G. 1988. Economic analysis for the application of Diptrex 2.5 granules to control stem borers attacking sorghum in the communal areas of Zimbabwe. Paper presented at fifth annual regional conference workshop held by SADCC/ICRISAT Sorghum -millet Improvement Programme, 20-24 September 1988, Maseru, Lesotho.

Makombe G. and Avilla M. 1987. Technology generation and inter and intra household organization in the

Communal areas of Zimbabwe. Paper presented at the Intra-Household Issues Networkshop Sponsored by C.I.M.M.Y.T., Lusaka, Zambia, 27 to 30 April, 1987.

Makombe G., Bernsten R. H, and Rorbach, D.D. 1987. The economics of groundnut production by communal farmers in Zimbabwe in Rukuni M. and Eicher C., eds, Food Security for Southern Africa, U.Z./M.S.U. Food Security Project, Department of Agricultural Economics and Extension, University of Zimbabwe, Harare, pp 185-215.

Whingwiri E.E. Natarajan M., Makombe G., Low A., Cameron T. and Kunjeku P., 1987. The package for higher maize yields in the semi-arid zones (natural regions III and IV): Is it economic. Paper presented at the workshop on Cropping in the Semi-Arid Areas of Zimbabwe, University of Zimbabwe, Harare, 24-28 August 1987, sponsored by GTZ organized by DR&SS and Arête.

Participated in writing the document: Republic of South Africa. Millennium Goals Report. Country Report 2010.

Student Supervision

1. Dawit Kelemework (2005). A Comparative Analysis of the Technical Efficiency of Irrigated and Rain fed Agriculture in Awash and Rift Valleys of Ethiopia. A Thesis Submitted to the School of Graduate Studies of Addis Ababa University in Partial fulfilment of the Requirement for the Degree of Master of Science in Economic Policy Analysis, Department of Economics, Addis Ababa University
2. Dereje Chemdessa (2005), Assessment Of Socio-Economic Impacts Of Irrigation In Finchaa Valley. A Thesis submitted to the School of Graduate Studies of Addis Ababa University in Partial fulfillment of Master of Arts in Geography and Environmental Studies
3. Solomon Medhane (2006). A Thesis submitted to the Department of Agricultural Economics, School of Graduate Studies Alemaya University In partial Fulfillment of the Requirements for the Degree of Master Of Science In Agriculture (Agricultural Economics)
4. Shimelis Dejene(2006) Institutions, Management Practices And Challenges Of Small-Scale Irrigation Systems In Ethiopia: A Case Study Of Two Small-Scale Irrigation Systems In Western Oromia, Ethiopia, A Thesis Submitted To The School Of Graduate Studies Of Addis Ababa University In Partial Fulfilment Of The Requirements For The Degree Master Of Arts In Regional And Local Development Studies (Rlds) Addis Ababa University School Of Graduate Studies Institute Of Regional And Local Development Studies.
5. Kerealem Salilih Mekonen (2006). Irrigation management and its contribution in reducing households' socio-economic poverty: the case of two small-scale irrigation schemes in Blue Nile basin of Amhara national regional state. A Thesis Submitted to the School of Graduate Studies Addis Ababa University in Partial Fulfillment of the Requirements for the Degree of Masters of Arts in social Anthropology
6. Maake N.T.(2011). An impact assessment of agricultural co-operatives in Polokwane municipality in Limpopo Province. A Thesis Submitted to the Turfloop School of Graduate Studies University of Limpopo in Partial Fulfillment of the Requirements for the Degree of Masters of Development.
7. Maepa M.A. (2011) An impact assessment of the revitalisation of smallholder irrigation schemes (RESIS) programme: A case of Tšwelopele irrigation scheme in Sekhukhune district of Limpopo Province. A Thesis Submitted to the Turfloop School of Graduate Studies University of Limpopo in Partial Fulfillment of the Requirements for the Degree of Masters of Development.

8. Joseph M. Mkanthama (2012). An economic analysis of Good Agricultural Practices (GAP) in rice production. A case study of Bagamoyo and Dakawa areas, Tanzania. A thesis submitted to Jomo Kenyatta University of Agriculture and Technology in partial fulfilment of the degree of Master of Science in Research Methods.

Awards and Scholarships.

- 2001: Certificate of Honorable Mention. The 2001 award for the Outstanding Water Resources Ph.D. Dissertation in the field of Water Policy and Socio_Economics. The Universities Council on Water Resources. USA.
- 1995-2000: Kellogg Foundation Fellowship.
- 1990-1994: U.Z./I.F.P.R.I. Research Fellowship
- 1989: U.Z./M.S.U. Research Fellowship.
- 1983: Courtauld Prize for outstanding student in the Department of Agricultural Economics and Extension (then the Department of Land Management). Faculty of Agriculture, University of Zimbabwe, Harare, Zimbabwe

Student Activities

- 1999 (i) Nominated to the International Honorary for Leaders in University Apartment Communities (IHLUAC). Colorado State University, Colorado, USA. This nomination is made in recognition of outstanding leadership in the University Apartments at Colorado State University.
- (ii) Central Programmer in Apartment Life, Housing and Food Services, Colorado State University, Colorado, US: Duties involve making programmes that establish the link between university apartments and the wider Fort Collins community, programmes that celebrate the diversity within Apartment Life and writing articles for the monthly Apartment Life newsletter.
- 1997.1998 Community Coordinator: Apartment Life, Housing and Food Services, Colorado State University, Colorado, USA: Duties involved making programmes for residents in university apartments to share cultural experience and celebrate diversity. Getting to know people with different backgrounds and knowing that one's perspective of how the world works is but just one perspective was one of the learning experiences while I was Community Coordinator.
- 1996: President. African Students Association, Colorado State University, Colorado, U.S.A.
- 1984-1985: (i) Secretary General. Agricultural Society, Faculty of Agriculture. University of Zimbabwe, Harare, Zimbabwe.
- (ii) Student Representative, Faculty Board, Faculty of Agriculture, University of Zimbabwe, Harare, Zimbabwe.

List of References

- Kingston Nyamapfene, (Ph.D.) Associate Provost for Online and Distance Learning Programs
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