



## **CURRICULUM VITAE FOR PROF. CATHERINE P. MSUYA**

### **1.0 Personal history**

- 1.1 Name: Prof. Catherine P. Msuya (PhD)
- 1.2 Sex: Female
- 1.4 Place of Birth: Kilimanjaro
- 1.5 Year of birth: 1970
- 1.6 Nationality: Tanzanian
- 1.7 Marital Status: Married
- 1.8 **Postal address:** P.o. Box 3002 Department of Agricultural Extension and Community Development, Sokoine University of Agriculture, Morogoro, Tanzania
- Physical address:** Sokoine University of Agriculture, College of Agriculture, Department of Agricultural Extension and Community Development, Office Number. 11 (Prof. Catherine P. Msuya)
- 1.9 E-mail: [cat\\_msuya@yahoo.com](mailto:cat_msuya@yahoo.com)
- 1.10 Cell No: +255 787 645 330  
Cell No: +255 714 555 020

### **2.0 Academic qualifications**

- 2.1 PhD in Agricultural Extension  
University of Pretoria – Pretoria, South Africa (2004 – 2007)
  - 2.2 M.sc. Agricultural Education and Extension (1995-1998)  
Sokoine university of Agriculture – Morogoro, Tanzania
- GPA 4.3

- 2.3 Bsc. Home Economics and Human Nutrition (1992-1995)  
Sokoine University of Agriculture – Morogoro, Tanzania
- GPA 4.0
- 2.4 Advanced certificate of Secondary Education (1989-1991)  
Kilakala high school – Morogoro, Tanzania  
Physics, Chemistry, Biology, Applied Mathematics, Siasa
- 2.5 Ordinary Certificate of Secondary Education (1985-1988)  
Arusha Secondary School - Arusha, Tanzania  
Physics, Chemistry, Biology, Mathematics, English, Geography, History, Siasa
- 2.6 Standard seven school leaving certificate (1978-1984)  
Kaloleni Primary School – Arusha

### **3.0 Employment Record at SUA**

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|-----|---------------------|-------------------|
| 3.1 | Associate Professor | July 2015 to date |
| 3.2 | Senior Lecturer     | 2009 to June 2015 |
| 3.2 | Lecturer            | 2003 to 2009      |
| 3.3 | Assistant Lecturer  | 2000 to 2003      |

### **4.0 Administrative Roles at SUA**

- 4.1 Quality assurance chairperson at the Department of Food Science, Human Nutrition and Consumer Sciences From 2017 to Date
- 4.2 Head Department of Agricultural Extension and Community Development from July 2011 to June 2017
- 4.3 Member College of Agriculture board from 2011 to 2017
- 4.4 Member of Senate - Sokoine University of Agriculture from 2011 to 2017
- 4.5 Board Member of Institute of Continuing Education (ICE) from July 2014 to 2017
- 4.6 Board Member Sokoine Natural Agricultural Library from 2011 to 2014

### **5.0 Administrative Roles outside SUA**

- 5.1 External Examiner University of Pretoria from 2012 to date
- 5.2 External Examiner University of Limpopo from 2016 to date
- 5.2 Chairperson, St. Clara Secondary School Board from 2014 to Date
- 5.2 Assistant Chairperson St. Anns Primary School from 2016 to date

### **5.0 Membership in professional organizations**

- 5.1 Member of Tanzania society of agricultural education and extension (TSAEE)
- 5.2 Member of South African society of agricultural extension (SASAE)
- 5.3 Member of Tanzania Women Leaders in Agriculture and Environment (TAWLAE)

**6.0 Work Experience:** Teaching and Research Supervision to both undergraduate and postgraduate Students, doing Research, Extension activities and Consultancy

## **6.1 Teaching**

### **6.1.1 Post Graduate students:**

#### **PhD with course work Students**

- Research Design
- Participatory Approaches and Action Research

#### **MSc. Students**

- Research Planning and Management
- Research Design
- Extension Programme Planning

### **6.1.2 Undergraduate students**

- Programme Planning and Management
- Training for Development and Facilitation Methods

### **6.1.3 Students Supervision**

#### **6.1.3.1 Post Graduate Students (Some of them)**

<b>Mlyuka, M.H</b>	the independent and intervening variables that influence the adoption of recommended fertilizer package in namtumbo district of ruvuma region, tanzania
<b>Mgonzo, D. A:</b>	Evaluation of the Contribution of Agricultural Extension Services in Improving Rice production in Kilombero District
<b>Furahisha, E:</b>	Factors influencing adoption of recommended rice production practices in Kilombero District
<b>Lukendakenda, P:</b>	Factors influencing sustainability of dairy farmer groups in Muheza District

<b>Lekei, D:</b>	Assessment of Phosphate fertilizer Utilization in Maize production in Hai District
<b>Khassa, P:</b>	Gender roles in the tomato value chain: A case study in Ilula and Dodoma Municipality
<b>Girmachew, S. S</b>	Farmers Satisfaction with the delivery of Agricultural Extension Services on SWC Practices in Amhara Region of Ethiopia
<b>Mohamed, R</b>	Quality of collaboration among actors in rice innovation system in Kilombero district at Morogoro -Tanzania
<b>Cade Michael Gibb (Research associate from USA)</b>	Farmers Participation in Agricultural Development Projects in Malangwe project in Morogoro Rural District
<b>Ernesta Sanga</b>	Gendered influences affecting adoption of improved bean production technologies by various awareness creation approaches in Karatu District, Tanzania
<b>Anna Massele</b>	Vegetable Production and Livelihood Outcomes among Youth in Dodoma Municipality, Tanzania
<b>Charles Sospeter</b>	Actors roles and their interaction in the rice Innovation System in Tanzania
<b>Zahara H. Mkuki</b>	Assessment of farmers' awareness on the agricultural extension officers' roles: A case study of Maswa District, Simiyu Region in Tanzania.
<b>Mfinanga, F. Alleni</b>	The Role of Intra-households Gender Relations on Access to Improved Water Services: The Case of Informal Settlements in Mwanza Tanzania

### 6.1.3.2 Undergraduate Students (Some of them):

Monica Jaspa Mzava	<b>Promotion of common beans production at kiriche village in mwanga district.</b>
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<b>Seza Olivia Amos</b>	Promotion of Sunflower production at kwakoa village in mwanga district.
<b>Mario Neema Daniel</b>	Promotion of maize production in kondeni village at moshi rural district, kilimanjaro region
<b>Lamosai, R</b>	Promotion of Dairy Cattle Production at Makiidi Ward in Rombo District
<b>Nkini, E. N</b>	Enhancing Coffee Production among the Small Holder Farmers at Mamba South Ward in Moshi District in Kilimanjaro Region
<b>Sule,</b>	Enhancing Local Chicken Production in Kilema Kati Ward in Moshi Rural District in Kilimanjaro Region
<b>Kilian, E</b>	Promotion of Dairy Goat Production at Oldonyosambu Ward in Arusha Region
<b>Orestes, R</b>	Promotion of Local chicken production at Isuki Village in Moshi Rural District
<b>Mosha, C</b>	Improvement of Dairy Cattle Production in the Moshi District
<b>Egno, N</b>	Improvement of Maize Storage at Madudu Village in Kilosa District.
<b>Paschal, M</b>	Promotion of Cassava Production at Madudu Village in Kilosa District
<b>Pius, A</b>	Promotion of the Pigeon Pea Market at Madudu Village in Kilosa District, Morogoro Region
<b>Shabani Nyika</b>	Enhancing Farmers Utilization of Improved Management Practices of Fruit : A Case Study of Mango Producers at Kahe Ward in Moshi District.

**Mosses Leonard** Promotion of sunflower production in Pangani District, Tanga Region

## **7.0 PhD dissertations examined at University of Pretoria, South Africa**

**Annon-Frempong, C** The influence of intervening variables and subjective norms on the adoption behavior of small scale farmers in South Africa and Lesotho”

**Mona Ben Matiwane** A comparison of project participants and extension officers perception and knowledge of participation in agricultural projects in the north west province, south Africa

**Nyathi, P** Conservation Agriculture in Africa: An analysis of the role of social systems in the adoption of conservation agriculture technologies in selected areas of Zambia and Zimbabwe (To be examined soon)

**Putso Nyathi** Conservation agriculture in Africa: An analysis of the role of social systems in the adoption of conservation agriculture technologies in selected areas of Zambia and Zimbabwe.

## **7.2 PhD dissertation examination at the University of Limpopo**

**Mabena P.P** Perceptions of Agriculture Extension Practitioners Towards the use of Information and Communication Technology Tools in Polokwane Local Agricultural Office, Limpopo Province”

**Mudzanani F.J** Farmers’ Perceptions of Extension Agents’ Professional Qualities Affecting Service Delivery in Thulamela Municipality, Limpopo Province

## **8.0 Journal papers reviewer**

I am one of the reviewers of papers published in South African Journal of Agricultural Extension (SAJAE)

## **9.0 Postgraduate dissertations examined at Sokoine University of Agriculture (SUA), Tanzania (Some of them)**

- Amina M. M** Effectiveness of Extension Methods for Scaling up Improved Common Bean Technologies Among Small – Scale Farmers in Babati District, Tanzania
- Stella, A** Effectiveness of Farmer Field Schools in Improving Agricultural Productivity in Tanzania: A Case Study of Smallholder Maize Farmers in Hai District, Kilimanjaro Region, Tanzania
- Angelina M** Assessment of Socio-Economic and Institutional factors influencing tomato productivity amongst smallholder farmers: A case study of Musoma Municipality, Tanzania
- Hossen A. M** Assessment of Effectiveness of farmer field schools (FFSs”) Approach in increasing cocoa production: A case of Kyela District – Tanzania
- Juliana J. K** Assessment of Gender Roles in Sunflower Value Chain: Their Potentials and Constraints in Mvomero District, Morogoro
- Hadijah A. M** Kitchen gardens and nutrition education for improving dietary diversity and nutritional status in rural households

## **10.0 Researches and consultancy (Some)**

- 10.1 Innovative Communication pathways among various Actors in tomato value chain
- 10.2 Assessment of Extension Service Delivery for Maize Production in Morogoro and Dodoma Regions of Tanzania Using Agricultural Innovation Systems (AIS) Approach
- 10.3 Farmer voice radio: A strategy for building a radio-based, impact driven, small - farmer support system in Tanzania
- 10.4 Scaling up Minijingu Phosphate Utilization for Balanced Fertilization of Crops in Tanzania.
- 10.5 Enhancement of Sustainable Productivity of Fish in Lake Victoria through Control of Pollutants with Emphasis on Endocrine Disruptors and Microbial Pathogens
- 10.6 Integrated Pest Management (IPM) in Onion Production
- 10.7 Research on Bio-fuels production and its implication on household food security in Tanzania

- 10.8 The comparative role of intervening and independent variables in the adoption behavior of maize growers in the Njombe district of Tanzania
- 10.9 Promotion of rose and carnation production and marketing in Mgeta and Morning side areas, Morogoro Tanzania
- 10.10 Research on Conservation of Mzingira river catchments in Morogoro
- 10.11 Development and dissemination of mushroom cultivation and preservation technologies
- 10.12 Research on Farmers organizations in Mvomero district, Morogoro
- 10.13 Baseline survey on bio-diversity in the selected villages of Tabora Region
- 10.14 Factors affecting adoption of hybrid maize in Mwanga district, Kilimanjaro Region
- 10.15 Causes of food loss and measures taken to minimize the loss in selected villages in Kilimanjaro Region
- 10.16 Evaluation of poverty reduction project – under PLAN, Tanzania
- 10.17 Implications of bio-fuels production on food security in Tanzania - under Action-Aid, Tanzania
- 10.18 Strengthening collaboration between SUA through the Department of Agricultural Extension and Community Development and the Ministry of Agriculture and the President’s Office Regional Administrative and Local Government

## **11.0 Journal Papers**

- 11.1 Nyamba, S.Y1., Kalungwizi, V.J., Mlozi, M.R.S., Busindeli, I.M., Kilima, F.T.M., **Msuya-Bengesii, C.P.**, Chija, B.B., Mvena, Z.S.K., Gabagambi, M., Gjotterud, S.M and Kiranga (2020). Tomato Value Chain Information System in Tanzania: Lessons from Kilolo District and Dodoma Municipality, Tanzania. *International Journal of Agricultural Science, Research and Technology in Extension and Education Systems (IJASRT in EESs) Volume 10(1):9-15*
- 11.2 Sospeter J. Charles, Amon Z. Mattee & **Catherine P. Msuya-Bengesii** (2020) Interactions among actors in improved rice varieties innovation system in the Eastern Zone of Tanzania. *African Journal of Science, Technology, Innovation and Development.*



- 11.3 Mary T. Rodriguez, Mark Erbaugh, Amon Mattee, **Catherine P. Msuya**, Fallys Masambuka Graham Cochran (2019). Improving the Training of Frontline Extension Workers in Tanzania: A Pilot Curriculum Reform Initiative with the Ministry of Agriculture Training Institute at Ilonga. *Journal of International Agricultural and Extension Education*. Volume 26, Issue 3
- 11.4 **C. P. Msuya**, F. K. Annor-Frempong, M. N. Magheni, R. Agunga, C. Igodan, A. A. Ladele, K.Huhela, N. M. Tselaesele, H. Msatilomo, C. Chowa, E.Zwane, R. Miiro, C.Bukeyn, L. A. Kima, M.Meliko, A. Ndiaye (2017). The Role of Agricultural Extension in Africa's Development, the Importance of Extension Workers and the Need for Change. *International Journal of Agricultural Extension*, 5 (1): 51-58
- 11.5 **C.P. Msuya** (2016). The comparative role of independent and intervening variables on influencing the adoption of nitrogen fertilization among maize growers in the Njombe District. *South African Journal of Agricultural Extension* 44 (2): 1-18
- 11.6 **CP Msuya**, RM Wambura (2016). Factors influencing extension service delivery in maize production by using agricultural innovation system in Morogoro and Dodoma Regions, Tanzania. *South African Journal of Agricultural Extension* 44 (2) : 248-255
- 11.7 Khasa, P; **C.P. Msuya** (2016). Gender roles in the tomato value chain: a case study of Kilolo district and Dodoma municipality in Tanzania. *South African Journal of Agricultural Extension*, 44 (1): 13-24
- 11.5 Nyamba<sup>1</sup>, S.Y., R. Martin<sup>1</sup>, V.J. Kalungwizi<sup>1</sup>, I.M. Busindeli<sup>1</sup>, F.T.M. Kilima<sup>1</sup>, **C.P. Msuya-Bengesil**<sup>1</sup>, B.B. Chija<sup>1</sup>, Z.S.K. Mvena<sup>1</sup>, M.R.S. Mlozi<sup>1</sup>, S.M. Gjotterud<sup>2</sup> and E. Kiranga<sup>3</sup> (2016) Power Dynamics between Farmers and Market Masters: A Case of Tomato Value Chain in Kilolo District and Dodoma Municipality, Tanzania. *International Journal of Information Communication Technology Research* 6 (8)
- 11.6 RM Wambura, PK Doamekpor, DL Mwaseba, **CP Msuya**, DM Masinde, LJ Mwanga, GM Iranga (2015). Promotion of agricultural innovation systems approach: policy implications for maize extension and advisory services in Tanzania. *Tanzania Journal of Agricultural Sciences* Volume 14 (2)
- 11.7 Mligo, F.E; **Msuya, C.P** (2015). Farmers adoption of recommended rice varieties: a case of Kilombero district of Morogoro region, Tanzania. *South African Journal of Agricultural Extension*, 43 (1): 41-56
- 11.8 Sanga, C.; Kalungwizi, V; **C.P. Msuya** (2014). Bridging gender gaps in provision of Agricultural Extension Services using ICT. Experience from

SUA FVR Project in Tanzania. *International Journal of ICT Research and Development in Africa* 4 (1), 1-19

- 11.9 **Msuya, C.P.**, Ahmad, A.K., Kalunguizi, V., Busindi, I., Rwambali, E. G., Machinda, Krogh, E., Gjøtterud, S., Kifaro, G.C., Ndemanisho, E, and Nziku, Z (2014). Revitalization of Education for enhancing youth involvement in Agriculture in Tanzania. *South African Journal of Agricultural Extension* Vol. 42 (2), pp 103-114
- 11.10 D. P. Mamiro<sup>1\*</sup>, A. P. Maerere<sup>1</sup> , K. P. Sibuga<sup>1</sup> , M. J. Ebaugh<sup>2</sup> , S. A. Miller<sup>2</sup> , H. D. Mtui<sup>1</sup> , E. Mgembe<sup>1</sup> , **C.P. Msuya** , A. Aloyce (2014). Local Community's Knowledge on Onion production, pests and pests management in Kilosa and Kilolo District, Tanzania. *Tanzania Journal of Agricultural Sciences (TAJAS)*. Vol. 11 (2) pp 18-26
- 11.11 **Msuya, C.P;** Byarugaba, D.; Kamundia, P.; Mdegela, R.; Mbuthia, P.G (2014). Community Awareness of the Sources and Impact of Pollutants with Emphasis on Endocrine Disruptors in Lake Victoria: A case study in Jinja, Uganda. *Journal of Continuing Education and Extension. Journal of the Institute of Continuing Education, Vol. 4 (2) pp 318-334*
- 11.12 **Msuya, C.P,** GH Düvel, E.G Rwambali (2014) The influence of Independent and Intervening Variables on Adoption of Recommended Maize Varieties in Tanzania. *Tanzania Journal of Agricultural Sciences (TAJAS)* Vol. 11 (1) 26-40
- 11.13 P. W Kamundia, PG Mbuthia, RM Waruiru, LW Njagi, PN Nyaga, RH Mdegela, DK Byarugaba, C Msuya, RO Otieno (2014) Pathological Changes in *Oreochromis Niloticus* and *Lates Niloticus* in Kisumu and Homa Bay, Lake Victoria, Kenya. Publisher MMU

- 11.14 **Msuya, C.P**, Duvel, G.H; Kidudu, S (2013) Factors Influencing the Adoption of Phosphate Fertilizers: A Case of Maize Growers in Njombe District, Tanzania. *Journal of Continuing Education and Extension JCEE Vol.4 (2)*, pp 318-334
- 11.15 Sanga, C; Kalungwizi, V; **Msuya, C.P** (2013). Building Agricultural Extension Service System Supported by ICTs in Tanzania: Progress Made and Challenges remained. *International Journal of Education and Development using ICT Vol. 9 (1)*, pp 80-99
- 11.16 R.H Mdegela, **CP Msuya**, P.G Mbutia, D.K Byarugaba (2010). Prevalence of Amirthalingamia macracantha and Trypanosomosis in Oreochromis niloticus in Lake Victoria in Mwanza Tanzania
- 11.17 **Msuya, C.P.** and Duvel, G.H (2007). The role of independent and intervening variables in the adoption of recommended seed spacing among maize growers in the Njombe District of Tanzania. *South African Journal of Agricultural Extension*, 36 (1):109-123. 9.3
- 11.18 **Msuya, C.P.** and Duvel, G.H (2006) The influence of farmers' adoption behavior on maize production efficiency. *South African Journal of Agricultural Extension*, 35 (1): 93-105.
- 11.19 **Msuya, C.P** (2005) Factors that affect adoption of hybrid maize in Mwanza district: Implications for Continuing Education. *Journal of Continuing Education and Extension*. 2 (1): 31-42
- 11.20 **Msuya, C.P.**, R.M. Wambura and P.C. Ndunguru (2004). Farmers utilization of agricultural innovations in Tanzania: A case of adoption of hybrid maize production technology in Mwanza district. *Uongozi Journal of Management Development*. 16 (2): 133-142

## **12. Chapter in a Book**

- 12.1 Msuya, C.P (2019). Agricultural Extension Approaches in Tanzania. Global Agricultural Extension Practices: Country By Country Approaches. NOVA Science Publishers, INC. (In press)
- 12.2 Mvena, Z.S.K and **Msuya, C.P.** (2006). *Pest Management in Agriculture: What Farmers Know and What this implies*. Management of Selected Crop Pests in Tanzania. Pest Management Centre. Tanzania Publishing House Limited Dar es Salaam, Tanzania. ISBN 9976102100.

### **13.0 Papers published in the proceedings**

- 13.1 Mvena, Z. S.K.; **Msuya, C.P.**, Mlozi, M.R.S.; Busindeli, I. M.; Nyamba, S.Y; Kilima, F.T.M. Gjotterud, S. M; Kiranga, E (2013). Tomato Value Chain in Ilula Township in Iringa Region and Dodoma Municipality: The Farmer and Market Master asymmetrical Relations. Proceedings of the First EPINAV Scientific Conference held at Hilux Hotel, Morogoro. 17-19 December 2012. pp 239-246
- 13.2 Mwaseba, D.L., A. Sikira, W. Kimaro, N. Amuri, **C.P. Msuya**, Z. Mpenda, and R.M. Wambura (2013) Assessment of Empowerment Needs of Value Chain Actors in Selected Value Chains for the EPINAV Programme at Sokoine University of Agriculture in Morogoro. Proceedings of the First EPINAV Scientific Conference held at Hilux Hotel, Morogoro. 17-19 December 2012. Tanzania pp 2-9.
- 13.3 **Msuya, C. P.**, K.K. Mwajombe, D.L. Mwaseba (2009) Experiences with the Mid-career BSc. Agricultural Education and Extension Degree Programme at Sokoine University of Agriculture: Progress and Challenges. In the East Africa Regional SAFE networking workshop organized in Desaleng Hotel, Addis Ababa, Ethiopia in October, 12-14 2009
- 13.4 **Msuya, C.P.** and Duvel, G.H (2007). The role of independent and intervening variables on the adoption of seed spacing among maize growers in the njombe district of Tanzania
- 13.5 Lulandala, L.L.L, Mulengera, M, Maerere, A.P, Maliondo, S.M, Temu, R.P.C, Mvena, Z.S.K, **Msuya, C.P** (2006) Community Participation in Tree Planting: Experiences Gained from the Mzinga River Catchment. In the Proceedings of the First Annual PANTIL Research Workshop Held in Morogoro, 25-27 September 2006
- 13.6 Mulengera, M, Lulandala, L.L.L, Maerere, A.P, Maliondo, S.M, Temu, R.P.C, Mvena, Z.S.K, **Msuya, C.P** (2006) Catchment Conservation approaches: The case study of Mzinga River Catchment in Uluguru Mountains, Tanzania. In the Proceedings of the First Annual PANTIL Research Workshop Held in Morogoro, 25-27 September 2006
- 13.7 **Msuya, C.P.** and Duvel, G.H (2006). The influence of farmers' adoption of recommended maize production practices on production efficiency: a case study in the njombe district in Tanzania.

### **14.0 Extension materials (Booklet)**

- 14.1 Semoka, J.M.R, Amuri, N, Msuya, C.P, Ikerra, S.T, Kulaya (2013). Uzalishaji bora wa Mpunga. Matumizi sahihi ya Mbolea na mbinu Nyingine za Kilimo nchini Tanzania ISBN 978-9987-9673-6-0

14.2 Semoka, J.M.R, Amuri, N, Msuya, C.P, Ikerra, S.T, Kulaya (2013). Uzalishaji bora wa Mahindi. Matumizi sahihi ya Mbolea na mbinu Nyingine za Kilimo nchini Tanzania ISBN 978-9987-9673-5-3

14.3 Ngeti, M; **Msuya, C.P.**; Hashim and Kachemela (2008). Technologies for agricultural transformation: Recommendations from Agricultural Research: A Compilation of FOCAL Research Projects

### **15.0 Other Research Paper/ Writtings**

15.1 Kitundu K.M.K, Msuya, C.P , Salanga (2009). The Impact of Bio-fuel Production on Household Food Security in Tanzania. A report submitted to ACTION AID Tanzania

15.1 Wambura, R.M., **C.P. Msuya** (2005) “Strengthening Women’s Accessibility to Information, Inputs and Markets through Existing and New Forms of Women Organizations in Tanzania”. Research Final Report submitted for year 2005. African Institute for Capacity Development (AICAD), Juja Kenya, August, 2005 pp. 19

15.2 Wambura, R.M and **C.P. Msuya** (2004). Strengthening women’s accessibility to information, inputs and markets through existing and new forms of women organizations in Tanzania. AICAD Research Mini-Reviews: Third Call Research Projects Vol 3:45-49

15.3 Kitundu K.M.K and **Msuya C.P.** (2004). Evaluation of Country Programme on Poverty alleviation programme under PLAN International Tanzania in Four Regions namely Dar es Salaam, Coast, Morogoro and Mwanza

### **16.0 Participation in workshop**

16.1 Participated in an exchange visit held at Ohio State University in the United States of America from 25<sup>th</sup> January to 1<sup>st</sup> February 2014

16.2 Participated in a joint implementation Workshop of the Regional PhD Program in Agricultural Rural Innovation held in Entebbe Uganda from 14-15 November 2013

16.3 Participated in SEP Workshop organized by SAFE held in Accra and the University of Cape Coast in Ghana from 5<sup>th</sup> to 8<sup>th</sup> November 2013

- 16.4 Participated in a Workshop about Policy Learning for Improving Effectiveness of Extension and Advisory Services held in Wageningen, The Netherlands from 20<sup>th</sup> to 23<sup>rd</sup> August 2013
- 16.5 Participated in Fisheries and Aquaculture Cluster Workshop held in Kisumu Kenya between 18 - 21 November, 2012.
- 16.6 Participated in Plantwise M&E workshop held in Nairobi Kenya between 13-15, 2012.
- 16.7 Participated in first EPINAV Annual Scientific Conference held in Hilux Hotel Morogoro between 17-18<sup>TH</sup> Dec, 2012
- 16.8 Participated in Biennial Forum Organised by VICRES held in October, 2011 in Kampala Uganda
- 16.9 Participated in East Africa Regional SAFE networking workshop held in Malawi, in October, 21-23- 2009
- 16.10 Participated in a Symposium on Monitoring and Evaluation of Extension System Held in University of Pretoria in South Africa in 4<sup>th</sup> September 2011
- 16.11 Participated in Project planning Workshop in Entebe Uganda held in 13-16 August 2011
- 16.12 Participated on Redio Extension Officer (REO) and Broadcasters Training Workshop held in ICE- Morogoro in 7-12 August 2011
- 16.13 Participated in a Workshop on IPM CRSP East Africa Regional Program held in Morogoro, Tanzania from 12 – 16<sup>th</sup> June, 2011
- 16.14 Participated on Redio Extension Officer (REO) and Broadcasters Training Workshop held in Dar es Salaam in June 2011
- 16.15 Attended Grants training Workshop in Dar es Salaam on 10<sup>th</sup> – 15<sup>th</sup> May, 2011
- 16.16 Participated in a Workshop on Enhancing Dissemination of Soil and Water Research Outputs of SADC Universities held in Malawi on 12-17<sup>th</sup> September, 2010
- 16.17 Participated in Fisheries and Aquaculture Cluster Regional Workshop held in Mwanza on December, 2010
- 16.18 Participated in a Workshop on Agricultural Science and Technology Innovations (ASTI) Training of Trainers Workshop held in Addis Ababa, Ethiopia. Monday 26<sup>th</sup> to Friday 30<sup>th</sup> October 2009

- 16.19 East Africa Regional SAFE networking workshop organized in Desaleng Hotel, Addis Ababa, Ethiopia in October, 12-14 2009
- 16.20 Participated in a Workshop on Impact of Biofuel Production on Food Security in Tanzania held on 30<sup>th</sup> September 2009 at Ubungo Plaza, Dar es Salaam
- 16.21 Participated in a Consultative Stakeholders Workshop on Development of Bachelor of Arts (BA) in Community Development Degree Programme held on 29<sup>th</sup> September, 2009 at ICE, SUA
- 16.22 Participated in a Workshop on Strengthening Capacity for Agricultural and Rural Innovation Systems (ARIS) in Eastern, Central and Southern Africa: A Regional PhD Programme held at ICE-SUA from 27 – 28 2009
- 16.23 Participated in National Stakeholders Consultative Workshop for Development of Regional PhD Programme in Soil and Water Management at SUA held at OASIS Hotel in Morogoro 16-17 April 2009
- 16.24 Participated in a workshop in South Africa organized by South African Society of Agricultural Extension (TSAEE) in May, 2004
- 16.25 Attended a workshop in South Africa organized by South African Society of Agricultural Extension (TSAEE) in May, 2007
- 16.26 Attended a seminar on gender sensitization in Morogoro, Tanzania in January 2008

SIGNATURE---



DATE 24<sup>th</sup> February 2020