

## CARRICULUM VITAE FOR DR. BAKENGESA SALOME SIIMA

### 1.0 PERSONAL PARTICULARS

1.1 Nationality : Tanzanian

1.2 Born : 10<sup>th</sup> October, 1972

1.3 Gender : Female

1.5 Membership :

- Member, Forest Genetic Resources focal points of the World, Tanzania Chapter since March, 2011
- Tanzania Association of Foresters (TAF)
- Tanzania Women Leaders in Agriculture and Environment (TAWLAE)
- Member, Technical Committee, Uluguru Mountains Payment for Water Services Project under Wildlife Conservation Society of Tanzania (WCST)
- Arid Land Information Network (ALIN)
- World Renewable Energy Network(WREN)
- Women and Energy Network (ENERGIA)
- Member, Ecological Society of Eastern Africa
- Member, Tanzania Plant Protection Board since April, 2010
- Member, Managing Board, Tanzania Tree Biotechnology Project since 2010
- Current Chairperson, TAFORI Tender Board
- Coordinator, Tanzania Forest Health Forum since December,2011
- Member, Management Committee-TAFORI 2010 todate
- Member, Managing Board of Directors SHUWASA: 2007-2010

- Student Representative, Senate Sokoine University of Agriculture, Morogoro 1999/2000-2000/2001
- Student Representative, Council, Sokoine University of Agriculture, Morogoro 1999/2000-2000/2001

- 1.6 Language spoken and Written :** Kiswahili, English
- 1.7 Computer skills :** Computer literate and able to use some packages eg.SPSS, SAS, MIN TAB,SHARZAN, LIMDEP Programmes among others.
- 1.8 Driving licence :** Qualified driver with valid driving license
- 1.9 Contact address :** Tanzania Forestry Research Institute (TAFORI)  
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## **2.0 QUALIFICATIONS, ACADEMIC AND ENVIRONMENTAL AWARDS**

### **2.1 Academic qualifications**

**Ph.D** at Sokoine University of Agriculture.(2014).

**Thesis title:** Economic Valuation and Green Accounting of Wetland Resources of the Kilombero Valley, Ramsar Site, Tanzania.

**M.Sc (For.),** Sokoine University of Agriculture (2001), Morogoro, Tanzania

**Subjects:** Research Planning and Management, Computer Programming, Statistics, Project Planning and Evaluation, Applied Quantitative Techniques, Forecasts and Consumption Surveys, Forest Resource Economics and Social Anthropology

**Dissertation title: Assessment of the Influence of Local Institutions and Tanzania's Forest Policy on Adoption of Agroforestry Technology in Tanzania.**

- **B.Sc (For.)(Hons)** Sokoine University of Agriculture (1997) Morogoro , Tanzania.  
**Subjects:** Forest Ecology, Forest Economics, Wood science, Introduction to Statistics, Bio-chemistry, Botany, Plant Physiology and Genetics, Nursery Techniques, Soil science, Theories and Principles of Development, Silviculture, Logging, Roads and Ergonomics, Forest Resource Assessment, Soil and Water Conservation, Wildlife Management and Beekeeping, Timber Harvesting and Transportation, Forest Policy, Law and Land Use Economics, Management Planning and Forest Extension  
**Special Project: Adoption Rate and Effect of Improved Wood Stoves on Deforestation in Shinyanga**
- **High School certificate:** 1992/93 – Rugambwa Secondary School Major subjects: Physics, Chemistry and Biology
- **Secondary school certificate:** : Rugambwa Secondary School 1990
- **Primary School certificate :** Mwenge Primary School 1986

## 2.2 Academic awards

- **Convocation Prize** of the Faculty of Forestry of Sokoine University of Agriculture (SUA) Nov. 2001
- **Ministry of Tourism and Natural Resources and Environmental Prize** donated by The Minister for Tourism, Natural Resources and Environment – Received at SUA in 1997
- **Forestry Prize** donated by TAJ Mohamed- Received at SUA in 1996.
- **Rugambwa Prize** in Science combination 1992/93 Rugambwa Secondary School
- **Sayansi na Sanaa Prize-** Rugambwa Secondary School 1990

### **2.3 Environmental award**

Recognized and received Environmental award for sustainable development at WSSD in 2002. South Africa. This was drawn from the hundreds of people involved in development projects for the equator Prize in 2002. It is to reflect the pioneering spirit that animates the growing sustainable communities' movement in the tropics. In Tanzania, it focused on the revegetating of the deforested Shinyanga through HASHI/ICRAF initiative chiefly by use of dry season fodder banks “ *ngitili*”.

### **2.4 Other Training Awards**

- **National Service:** Operation Miezi sita From 1<sup>st</sup> July, 1993 to 31<sup>st</sup> December, 1993- Ruvu AKB 2952
- **Transformational Leadership for Women Empowerment** Held in Arusha, Tanzania in September, 2010

### **3.0 RESEARCH EXPERIENCE:**

**Sixteen (16) years of Research Experience.** Started way back in 1997 when I was contracted by World Agroforestry Centre in Shinyanga, eventually employed by TAFORI in 2001 under permanent and pensionable basis. I have got research experience in :

- Renewable energy research
- Agroforestry research Preparation and implementation of research proposals and protocols on species/provenances screening and domestication of indigenous fruits
- Natural forest management research
- Adoption and dissemination research
- Natural resource valuation and accounting
- Experiences in working in different agro-ecological zones of Tanzania, Kenya , Uganda Rwanda etc.
- Preparation and Participation in Seminars and workshops

### **3.1 Renewable energy research**

16 years experience in alternative source of energy research, starting in 1997 at HASHI project project with emphasis on use of improved wood stoves by households in order to reduce amount of woodfuel used and hence reduced deforestation, I was involved in designing of improved stoves, dissemination and evaluation.

### **3.2 Agroforestry research**

About 16 years involved with Agroforestry research. Involved in proposal development , execution and evaluation. Focusing on tree-crop interaction for increased food security, tree-livestock production, tree- renewable energy production and carrying out social, economic and anthropological studies. I was involved in on station and on farm testing and developing of agroforestry technologies including rotational woodlots, fodder banks, indigeneous tree (medicinal and fruits) and boundary planting. I have extensively toured afforestation and agroforestry projects in Kenya, Uganda, Rwanda, Zimbabwe, Zambia and South Africa. In furthering Agroforestry in the country, I participated in preparation of Agroforestry Scaling up strategy document- NASCO

### **3.3 Natural forest management research**

I am actively involved in research in natural forests that contribute to their sustainable management. Focusing on Regeneration potential of natural forests through improved *ngitili* systems, I have contributed to advancement to improve traditional *ngitili* system and adding a tree component through natural regeneration and enrichment planting. Contribution of participatory forest management on the quality of forest in Bukombe Forest Reserves, propagation of indigenous fruit and medicinal trees on their interaction with agricultural crops. Such trees are *Albizia anthelmintica*, *Cassia abbreviata*, *Seculidata longipendiculata*, among others. Furthermore, I am participating in conservation of Catchment areas in Ulugurus, Matogoro and Kilombero areas through research results and papers.

### **3.4 Adoption and Dissemination research for poverty alleviation**

I have participated in dissemination of agroforestry technologies through mobilization of youths and women groups as champions of change. I have studied and documented factors affecting scaling up of agro forestry and afforestation programmes and how can they be addressed . I was organizing training to government and private sectors on forest management and tree planting. Also, coordinating women groups in environmental and income generating activities from forest based products notably value addition.

### **3.5 Natural resources valuation and accounting**

I am have written a doctoral thesis on how natural resources especially forests and catchment areas can be best valuated and accounted for in the national accounting system. At the same time, developing a tool for the capturing natural resource values. This is a pressing evaluation as its rightful consideration will change the long though distorted view that the contribution of forests to GDP is 3-4 percent. I do also carry out forest resource assessment in the natural forests.

### **3.6 Experiences in working in different agro ecological zones of Tanzania and other parts of Africa**

I have worked and travelled in all ecological zones of Tanzania and advised on natural resources related issues. I have also, extensively toured afforestation and agroforestry projects in Kenya, Uganda, Rwanda, Zimbabwe, Zambia and South Africa.

### **3.7 Preparation and participation in Workshops and Seminars- a Selection**

#### **3.7.1 Workshops/Seminars**

I have been Leader, Task Force Member in the preparation and subsequent participation in the following workshops:

- Organized and participated in the learning trip to Kenya for TAFORI board members. 2011
- Member, 1<sup>st</sup> sectoral workshop on priority setting 18<sup>th</sup> -20<sup>th</sup> May, 2011. Kiromo view Hotel, Bagamoyo.

- Chair, Preparation of The Report on Tanzania Forest Genetic Resources, 20<sup>th</sup> -21<sup>st</sup> April, 2011, Morogoro, Tanzania
- Leader, Preparation of the Country Paper- The World Report on Forest Genetic Resources, 26-30<sup>th</sup> April, 2011, Nairobi, Kenya.
- Member, Restructuring of the National Science and Innovation System, 12<sup>th</sup> April, 2011, Bagamoyo, Tanzania
- Chair, Forest Plantation Insect- Pests, Diseases and Soil Problem 3<sup>rd</sup>- 4<sup>th</sup> , February, 2011, Kibaha, Tanzania
- 4<sup>th</sup> Joint Learning Workshop on increased small scale entrepreneurship in Forestry in Tanzania. 10<sup>th</sup> -14<sup>th</sup> January, 2011, Entebbe, Uganda
- Participants, Tanzania Preparedness to REDD+ initiatives, Kibaha 2011
- Chair, Reviewing of the National Forestry Research Master Plan, Kibaha , 21<sup>st</sup> -22<sup>nd</sup> Oct, 2010, Kibaha, Tanzania
- Member, Second Agro forestry and Environmental Workshop held at Mkapa Hall, Mbeya, Tanzania 14<sup>th</sup>- 17<sup>th</sup> March, 2006
- Member, Annual Technical Meeting of MNRP, 26<sup>th</sup> – 27<sup>th</sup>, March, 2004 Mweka Wildlife College. Management of Natural Resource Programme (MNRP) Phase III.
- Member, Regional Agroforestry Planning Workshop. Harare Zimbabwe, 6<sup>th</sup> -12<sup>th</sup> September,2004
- Chair, Seminar on “Voices of Poor Livestock Keepers in the Lake Victoria Basin: Tanzania experience” Held at Kilimo Conference Room II, Dar es Salaam, Tanzania,13<sup>th</sup> March, 2003
- Member , Consultative Meeting NORWAY/MNRP 15<sup>th</sup> Oct, 2002, Dar-es- Salaam.
- Formulation of work plan for MNRP 2002/2003 NTSP Morogoro 20<sup>th</sup> -24<sup>th</sup> September 2002
- Member, Planning Workshop for Voices of the Poor Livestock Keepers in the Lake Victoria Basin ICRAF Office May 30<sup>th</sup> \_31<sup>st</sup> 2002 Kisumu Kenya.
- Member, Southern Agroforestry Annual Planning Workshop in Shinyanga and Tabora, Tanzania 13<sup>th</sup> –20<sup>th</sup> July,1998.

- Member, Documentation of Traditional Knowledge on Medicinal Trees in the Miombo Woodlands of Southern Africa, 5<sup>th</sup> –6<sup>th</sup> Feb, 1998 Shinyanga, Tanzania
- Member, Planning Workshop for Agroforestry Research Extension in Shinyanga Region 2-4<sup>th</sup> December, 1997
- Member, Several environmental related workshops organized at NAFRAC, TAFORI and SUA.

### 3.7.2 Conferences

- The 7<sup>th</sup> TAWIRI Scientific Conference, Held 2<sup>nd</sup>- 7<sup>th</sup> December, 2009, Arusha, Tanzania
- Regional Agroforestry Conference, Held in Aventure Resorts Warmbaths, South Africa, 20<sup>th</sup> -24<sup>th</sup> May, 2002.
- Women Farmers: Enhancing Rights and Productivity: Conference on Roles, Constraints and Potential of Women in Agricultural Development, 25-27<sup>th</sup> August, 1999, Bonn, Germany.

### 3.7.3 Congress

- XXIII IUFRO World Congress 24 -27<sup>th</sup> August, Seoul, Korea
- World Congress of Agroforestry 2009 Nairobi Kenya 23-28 August, 2009.
- Fifth World Energy Congress V, 20<sup>th</sup> –25<sup>th</sup> September, 1998 Florence, Italy

### 3.7.4 Summit

World Summit for Sustainable Development and made a presentation on agricultural experiences for developing countries., Sandton Convention Centre, Ballroom, South Africa 3, 29<sup>th</sup> August, 2002

## 4.0 ADMINISTRATIVE AND LEADERSHIP EXPERIENCE

July, 2012- Present: **Director, Directorate of Forest Production Research-TAFORI**  
 - Heads Directorate and supervises preparation and execution of research programmes and consultancies undertaken by the Department.



- Advises the Acting Director General on all matters related to Forest production research
- Prepares annual workplans, quarterly , annual and other reports related to the Directorate

**2014**

**TAF- Assistant chairperson Morogoro zone**

August, 2010- June 2011 : **Acting Director, Directorate of Forest Production Research**

2004-2008

**Head Malya Lake Zone Afforestation Research Centre  
Head, Research and Development Section, NAFRAC**

This followed transformation of HASHI/ICRAF. Planning, Administration and Evaluation of Research Projects The position I held until when I embarked on the Ph.D Programme.

2002-2004

**Leader, HASHI/ICRAF Project**

Appointed by Permanent Secretary of MNRT in 2002 as Team Leader for HASHI/ICRAF Agroforestry Project in Shinyanga. The project responsible for developing and disseminating agro forestry options for improved livelihood. Involved in day-to-day administration responsibilities and research activities. The project was then transformed into a National Natural Forest Resources and Agroforestry Centre( NAFRAC) in 2004, and secured a Clean Audit Report.

2001-2008

**Head of Centre, Malya Lake Zone Afforestation Centre**

- Planning and execution of Research Programmes in NAFORM
- Advises the DG-TAFORI on matters relating to research and administration in Lake Victoria Zone

covering Shinyanga, Mwanza, Mara and Kagera regions in which we have substation in each region.

- Preparation of annual workplans and writing of reports and publications.

2001 Todate-

**Secretary TAF- Western Zone**

1997- 2000

**Forest Researcher- World Agroforestry Centre (ICRAF)** responsible for :

- Planning, Administration and Evaluation of Research Projects
- Renewable Energy
- Agroforestry Research and Development experience in semi-arid zones
- Dissemination and Community Development activities
- Preparation and Participation in Seminar, Workshop and Congress on Forestry, Livestock, arid lands, agro forestry related fields

## **5.0 PUBLICATIONS**

### **5.1 Journal Articles**

- **Bakengesa, S.,** Y. M. Ngaga., S. Navrud and P.K.T. Munishi(*In press*). Green accounting for wetland resources in the national economy: A case study of Kilombero Valley Ramsar site, Morogoro, Tanzania
- **Bakengesa, S.,** Munishi, P. K. T., S., Ngaga, Y.M and Navrud, S (*in press*). Household welfare based on regulating and biodiversity values in the Kilombero Floodplains Ramsar site, Morogoro, Tanzania
- **Bakengesa, S,S,** Mwakisu, A and Amanzi, N.S (2013). Tracking forest resource condition through permanent sample plots established in Bukombe-mbogwe Forest

reserve in Shinyanga region, Tanzania. Tanzania journal of Forestry and Nature conservation, Vol. 83(1). Pg 54-68

- **Bakengesa, S.,** Munishi, P. K. T., S., Ngaga, Y.M and Navrud, S (2012) . Estimating Direct use value of Kilombero Ramsar site based on the Market Price Method. Tanzania journal of Forestry and Nature conservation, Vol. 81(2). Pg. 133-146
- **Bakengesa, S.,** Munishi, P. K. T., S., Navrud, S (2011) Climate change impact on wildlife hunting in Kilombero Ramsar, Site Tanzania in *Internanational Journal on Climate change Strategies and Management..Emerald*
- **Bakengesa, S.,** L. Mbwambo, P .K .Munishi , K. Senelwa , J. Hitimana, L. Etiegni, J. Nduwamungu, G. Juvenal (2010). Community Perception of the Importance of Wetlands in the Lake Victoria Basin :A Case Study of Tanzania. *Discovery and Innovations*
- Rubanza, C.D.K, Shem, M.N., Otsyina, R., **Bakengesa, S.S.,** Ichinohe., T., Fujihara., T. (2007). The Content of Protein, Fibre and Minerals of Leaves From Browse Tree Species Indigenous to North-Western Tanzania. *Archives of Animal Nutrition*, 61 (2): 1-6. Taylor and Francis, Oxford, UK
- Rubanza, C.D.K., Shem, M.N., Otsyina, R., **Bakengesa, S.S.,** Ichinohe., T., Fujihara., T. (2007). Effects of *Acacia nilotica*, *A. polyacantha* and *Leucaena leucocephala* Leaf Meal Supplementation on Growth Performance of Small East African Goats Fed on Native Pasture Hay Basal Forages in North-Western Tanzania. *Small Ruminants Research: 70, Issues 2-3, 165-173*
- C.D.K. Rubanza, M.N.Shem, R.Otsyina, **S.S Bakengesa** T.Ichinohe and T. Fujihara(2005). Content of Phenolic extractable and bound condensed tannis and their effect on invitro gas production from browse leaves. *Animal Feed Sciences* (14) 193-210

- C.D.K. Rubanza, M.N.Shem, R.Otsyina, **S.S Bakengesa** T.Ichinohe and T. Fujihara(2005). Polyphenolic and Tannins Effect on in vitro digestability of Selected Acacia Species. *Animal Feed Sciences and Technology* (119): 129-142
- Rubanza, C.D.K., Shem, M.N., Otsyina, R., **Bakengesa, S.S.**, Ichinohe., T., Fujihara., T(2005) Contents of Macro and Micro Minerals of Deferred Forages in Agro-silvopastoral Traditional Fodder Banks (Ngitiri) of Meatu District of North-western Tanzania. *Livestock Research for Rural Development: 17 (12)*\_Utta, Colombia.
- G. I. Nyadzi, R.M.Otsyina, F.M.Banzi, **S.S. Bakengesa**, B.M.Gama, L.Mbwambo and D. Asenga (2003). Rotational woodlot technology in northwestern Tanzania. Tree species and crop performance. *Agroforestry Systems* 59: 253-263
- **S. Bakengesa. (2002)**. Soil Conservation initiatives in arid Lands. Community Action Global impact. *Earth Negotiations Bulletin*.

## 5.2 Refereed Workshop Proceedings articles

- **Bakengesa., S., Mwakisu, A and Numan, A(2013)**. Tracking Forest Resource Condition through Permanent Sample plots established in Bukombe Local Authority Forest Reserve. A paper presented to the Second National Participatory Forest Management (N-PFM0 Conference, 22<sup>nd</sup> August, 2013. TAFORI HQ, Tanzania.
- **S. Bakengesa., C. Balama., A. Mpiri ( 2011)**. Economic Implications of Insect Pests and Diseases in Plantation forests in Tanzania. In: S.A.O. Chamshama *et al.* (Eds). In Proceedings of the Forest Plantation Insect-Pests , Diseases soil Problems Workshop held in Kibaha Coastal region on 3<sup>rd</sup>-4<sup>th</sup> Feb, 2011.76-83

- **S. Bakengesa et al.**(2011). The status of Tanzania Forest Genetic Resources. The country paper presented at Workshop on World Genetic Resources, held in Nairobi Kenya on 26<sup>th</sup> – 30<sup>th</sup> April, 2011.
- **S. Bakengesa, S.,** Munishi, P. K. T., Ngaga, Y., S., Navrud, S (2010). Insights into wetland related income, investments , biodiversity and other values in relation to settlement pattern in selected villages in Kilombero Ramsar Site, Tanzania. In the proceeding of the 7<sup>th</sup> TAWIRI scientific conference. Pg. 148-161
- I.D. Omary, **S.S. Bakengesa.,** C.D.K. Rubanza(2009) Assessment and enhancing of institutional impact of Participatory forest management on livelihoods of the rural poor in Lake Victoria Basin. A case of Bukombe District. In Proceedings of the First Participatory Forestry Management (PFM) Research Workshop: Participatory Forest Management for Improved Forest Quality, Livelihood and Governance.( Edited by Nshubemuki *et.al.*), 15<sup>th</sup>-16<sup>th</sup> December, 2008, Morogoro, Tanzania. Pp. 123-132
- **S. Bakengesa** and W.C.Mlenga (2004) Ngitili : Indigenous Practice for Forest Land Restoration experience from Shinyanga Tanzania. A paper presented at Regional agroforestry planning workshop Harare Zimbabwe, 6-12 September,2004
- C.D.K Rubanza, M.N. Shem, **S.S. Bakengesa,** T. Ichinohe, T. Fujihara(2006) Effects of *Acacia nilotica*, *A. polyacantha* and *Leucaena leucocephala* leaf meal supplementation on growth performance of Small East African goats fed on native pasture hay basal forages in western Tanzania. In: S.A.O. Chamshama *et al.* (Eds). Partnerships and Linkages for Greater Impact in Agroforestry and Environmental Awareness. Proceedings of the Second National Agroforestry and Environment Workshop held in Mbeya 14 - 17 March 2006. pp 99 – 112
- Msuya T. S ; M.A. Mndolwa; L. Mbwambo; L. Mhando; **S. Bakengesa** and E. Japhet (2006). Factors Affecting Management Practices of Rotational Woodlots and *Ngitili* Systems and their Implication in Forest Restoration of degraded ecosystems in

Shinyanga, Tanzania. Nikundiwe, A.M. and J.D.L. Kabigumila (Eds.) (2006). Drylands Ecosystems: Challenges and Opportunities for Sustainable Natural Resources Management: Proceedings of the Regional Workshop held at Hotel Impala, Arusha, Tanzania, 7-9 June 2006. Research Programme on Sustainable Use of Drylands Biodiversity, University of Dar es Salaam, Dar es Salaam. pp 198-206

- Msuya, T. S., M. Mndolwa, **S. Bakengesa**, S. Maduka and C. Balama (2006) Factors Affecting adoption and Dissemination of Agroforestry Technologies in Tanzania: A Case of HASHI/ICRAF and Ruvu Fuelwood Pilot Project. In: S.A.O. Chamshama *et al.* (Eds). Partnerships and Linkages for Greater Impact in Agroforestry and Environmental Awareness. Proceedings of the Second National Agroforestry and Environment Workshop held in Mbeya 14 - 17 March 2006. Pp 199 – 207
- **Bakengesa S**, Ostyina. R., Ok'ting'ati (2004). Influence of national policies on tree planting and conservations. The case of Shinyanga. In the proceeding of the Regional agroforestry conference impact on Livelihood in Southern Africa: Putting research in perspective. World Agroforestry Centre. Nairobi. pp 301-306
- Ruvuga S, Maduka S., **Bakengesa S.** (1999). Status and Progress of Agroforestry Dissemination in Tanzania. Proceedings of the 13<sup>th</sup> Southern Africa Regional Planning and Review Meeting, 5-11 July 1999 Mangochi, Malawi. SADC-ICRAF Zambezi Basin Project.

### 5.3 Refereed Newsletter articles

- Laswai, F., Balama, C., Mbwambo, L., **Bakengesa, S.**, Mndolwa, M. and Phabian, G.(2013). Assessing stocking and effect of root biomass harvesting for *Carissa spinarum* Linn. In Samunge village, Ngorongoro District, Tanzania. TAFORI newsletter (7):2
- Petro, R., Richard, J., Maduka, S. and **Bakengesa, S.**(2013) *Zonocerus variegates*(Orthoptera pyrgorhidae). A pest of economic importance to the *Pinus patual* in Ukaguru forest plantation, Tanzania. TAFORI newsletter (7):2

- **Bakengesa, S.**, Mbwambo, L. and Kagosi, P.J(2013). Extraction of invasive species in Matogoro forest reserve to improve water recharge services. *TAFORI newsletter* (7):2
- **Bakengesa, S, S.**, Rubanza CDK, Iddy O (2008). Kilimo Misitu na Uhifadhi wa Mazingira. *TAFORI Newsletter* Vol. 6 1: 17-21
- Rubanza., C.DK , **Bakengesa ,S, S.**, Minja, E , Machanya P., Mlinge, W.(2008). Technolojia ya Wasukuma ya kuhifadhi uoto wa asili na Malisho ya Ngitili: Uzoefu wa Mkoa wa Shinyanga. *TAFORI Newsletter* Vol. 6 1: 2-6
- Luhende, R., Maduka S.M., Banzi F., **Bakengesa S** and Otsyina R. (2005). Observations on Domestication Process of Herbal Tree Species from the Miombo Woodlands under Mixed Stand at Lubaga, Shinyanga, Tanzania. *TAFORI/CIFOR Newsletter* 26-30.
- **Bakengesa, S.**, Banzi, F., Luhende, R., Maduka, S. and Chibwana, A. (2003). A Successive Research and Development Initiative: A view from HASHI-ICRAF, Shinyanga, Tanzania. *TAFORI Newsletter* 3(2): 10-16
- **Siima Bakengesa** (2004) Jam Making from Indigenous Fruits trees *Baobab*. 42: 9-10
- **Bakengesa, S** and Otsyina R. (2001) Impact of Improves Woodstoves on Household Economy in Shinyanga. *Renewable energy*. Elsevier Science.
- **Bakengesa S** and Monela G(2002) .Effect of Locally Designed Improved Stove Technologies and Utilization of Crop Residued for Biomass Energy on Tropical Woodlands in Tanzania. (presentated at International Exhibition and Congress center. The Netherlands).

#### 5.4 Books and Book Chapters

- Ludovick, O.N. Uronu, Hariel,P. Msanga and **Siima S. Bakengesa**(2014). Mwongozo wa upandaji miti Tanzania.Wizara ya Maliasili na Utalii. Wakala wa Mbegu za Miti. FGD Tanzania Ltd. Dar es salaam. 96 pp
- **Siima Bakengesa(2013)** . *Tanzania Forest Genetic Resources*. FAO, Rome. 514pp.
- **Siima S, B**, Munishi P, K, T and S. Navrud (2011). Impact of climate change on wetland utilization in Kilombero Ramsar site in Leah Filho . W(Ed)(2011) . *Experiences of Climate change Adaptation in Africa*. Springer Verlang, Berlin. 33-53
- R. Otsyina and **Bakengesa, S** (2002). Fodder Banking in Peri- Urban Dairy Production: The Experience of Tanzanian women. *Women Farmers: Enhancing Rights, recognition and Productivity*. Peterlang , Berlin. 11: 179-187
- Swallow, Brent; Muhia, Njeri; Mango, Nelson; Gichimo, Rosalynn; Kabuye, Fred; **Bakengesa, Siima**; Waata, Fiona ( 2003) *Voices of poor livestock keepers in the Lake Victoria Basin : overview report for Kenya, Uganda and Tanzania*, NRI Kent Monograph 08.05.01 8531 InfoAgrar library

#### AUTHENTICATION

Certified as True and Correct by the Undersigned.



Name: Siima Salome Bakengesa

Date: 25.1.2015