

CURRICULUM VITAE



A: PERSONAL DETAILS

Name:	Simon Muti Mbuvi
Sex:	Male
Date of Birth:	18 th March 1962
Nationality:	Kenyan
Marital status:	Married
Languages:	English, Kiswahili,
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B: EDUCATIONAL BACKGROUND

University/School	Degree/ Certificate	Date Obtained
Egerton University, Njoro	PhD studies Finalising	2016
Reading University, UK	MSc. in Tropical Agricultural Development	2001
University of Nairobi	BSc. in General Agriculture	1987
Nakuru High School	'A' Levels (Phys; Chem; Bio; Sub-math)	1982
Karaba Secondary School	'O' Levels	1980
Gitaraka Primary school	KCPE	1976

C: WORK EXPERIENCE

Employer	Date /Position/ Responsibilities
Pwani University	July 2008 to date: Assistant Lecturer, School of Agricultural Sciences and Agribusiness (SASA). Teaching: Crop Science subjects: Principles of crop Production; Annual crops (Cereals; legumes; ground nuts; oil crops; root and tuber crops, sweet potatoes, vegetables; etc) Plant physiology; Integrated Pest and disease management (IPM); Agro-meteorology; Agricultural Experimentation; Agro-forestry; Conservation Agriculture; Data collection, Management and report writing; Rangelands resources and management; Community development in ASAL areas; Farming systems etc. Research: On drought mgt in crops; use of Coir mulch; Anti-transpirants: Moisturin, Kaolin, Drought tolerant characteristics: root characteristics; stomatal conductance; use of plant hormones, etc.

University Time-tabler and Coordinator:

Timetabling of all teaching and Examination activities at Pwani University; Classroom resource allocation and efficient utilisation of available teaching space for academic, meetings and conference activities; advise on teaching space issues.

Academic leader: of Agricultural resources management; tasked to spearhead good training practices and regular updates of the course

Ministry of Agriculture **2002- June 2008:** Kilifi Institute of Agriculture: HOD/Senior Lecturer
Planning/coordination & training in Crop science dept;
Teaching crops science courses; cereals/legumes agronomy;
sericulture and conducting research on drought management.

Ministry of Agriculture **1987-2002:** Planning/coordinating Agric Extension services/project
Implementation and supervision in Kilifi:
1987-1988-DAEO- Malindi: In-charge of Agricultural extension services:
Planning and coordinating and supervising extension activities and projects in the Division.
1989-1992-DAEO-Kaololeni Division: In-charge of Agricultural extension services: Planning and coordinating and supervising extension activities and projects in the Division.
1992-1996-District Crops Officer-Kilifi: In-charge of crop promotion and development activities and food security in Kilifi district; Planning for drought mitigation, famine relief and food for work activities; Crop census; crop value addition, processing and marketing and research liaison such as for sesame, coconut, cassava, cotton, pineapples etc
1996-1998- Provincial Crops officer and Officer In-charge of fresh produce export
Inspectorate unit Moi Airport. Supervision, promotion of crop development activities in Coast region; Inspection of Fresh produce exports and issuance of phyto-certificates; promotion of production of fresh produce export crops and infrastructure; Fruit nurseries inspection.
1998-2002-District Agricultural officer-Kwale: In-charge of Agricultural extension services: Planning, budgeting, coordinating and supervision of extension activities and projects in the entire District. Collaboration with other development partners in crop development activities and value addition, such as

D: PAPERS /BOOKS WRITTEN & PUBLISHED

1. **Muti S. M. and Kibe A.M., (2009). East African Low level jet effects on Food security in Coastal and Eastern Kenya.**
Paper presented in “Organisation for Social science research in Eastern and Southern Africa Kenya conference, (OSSREA), Kenyan Chapter: on the theme: Kenya in the Context of Globalisation: Challenges and Prospects”, at Kenya Institute of Education (K.I.E), Nairobi, on 2nd -4th July, 2008.
Published in 2009 in *African Journal of Agriculture, nutrition and Development; Vo. 9 NO.8; 1761-1777; ISSN 16845374*
2. **Muti S. M. and Ng’etich W., (2009). Effects of June winds on rainfall in Coastal region of Kenya.**
Published in *African Journal of Agriculture, nutrition and Development; Vo. 9.NO.9;1824-1844;ISSN 16845374*
3. **Effects of coir dust mulch on evapotranspiration of PH4 maize in Coastal region of Kenya**
Published in *Journal of Agriculture and Ecology Research International* 10(3): 1-16, 2017; Article no.JAERI.29611 ISSN: 2394-1073
4. **Published Book:**
The June winds on rainfall and food security in Eastern Horn of Africa: A case study of effects of June winds... **by Simon Muti.** LAMBERT Academic Publishing (LAP), (2011-07-01)
ISBN-13: 978-3-8443-8489-5: ISBN-10: 3844384898

1. **Evaluation of Broad bean (*Vicia faba*) yields under adverse conditions of high temperatures, weed infestations and drought.**
Presented during HAK Conference on value addition chain in vegetable production in Arusha in 2009.
2. **Combating drought in Coastal region of Kenya using Broad bean.**
Presented during 3rd Conference on dissemination of research findings by National Council of Science and Technology in Nairobi in March 2010.
3. **Njoka E. M. & Muti S. M., (2007). Ameliorating the adverse effects of high velocity winds, temperature and rainfall regimes on yields of maize: A case study of mountain ranges of Eastern and Coastal regions of Kenya.**
Paper presented at workshop on "Global Climate Change research network in African mountains" on 23-25th July in Kampala, Uganda, 2007.
4. **Perceptions of Weather in Rural Kenya: Traditional weather forecasting methods.**
(MSc. Dissertation, 2001).

F: RESEARCH ALREADY DONE AWAITING PUBLICATION

Drought management in crop production:

1. Combating drought in Coastal Kenya using Moisturin and Coir dust mulch in Coastal region of Kenya (done for National Council of Science and Technology in 2012)
2. Effects of coir dust mulch and kaolin on evapotranspiration and Ameliorating effects of June winds (EALLJ) and high temperatures on yield of PH4 Maize in Coastal region of Kenya using Kaolin and Coir dust mulch, (PhD work-completed).

G: ON-GOING RESEARCH AND AREAS OF RESEARCH INTEREST

1. Combating drought and inadequate dietary protein using White Broad bean in Coastal region of Kenya: The bean and protein source of the future.
2. Seasonal forecasting of maize yields in Coastal region of Kenya: Development of a model for forecasting maize yields reduction due to June winds time of occurrence.
3. The effects of drought on organoleptic qualities of roasted cashewnuts.
4. Grapes and Sweet potatoes cultivation: A future gold mine of ASAL areas.
5. Effects of altitude on Green house Productivity, curves.
6. Control of flowering and income in mangoes production

H: AWARDS WORN

1. National Council of Science and Technology award (Kenya) worth ksh 2.9m, for purchase of research equipment for Pwani University (2009).
2. Muriel and Hurst award, worth ksh. 2.0 m for my Msc studies in UK
3. Egerton University internal funding research awards for outstanding project proposals, worth ksh. 200,000.

I: INTERNAL COURSES & W/SHOPS ATTENDED IN KENYA

1. Pedagogue training, in 2011, at Pwani University
2. Small enterprise development skills in 2009, at Pwani University
3. Strategic plan development, in 2010, Turtle bay, Watamu.
4. ISO-Audit trainings, in 2016 at ARC, Pwani University; Mnarani Club; makuti Villa
5. Soil and water conservation, Green hills, Nyeri, 1992.
6. Oil crops development project training, Egerton, 1993
7. Fertiliser Extension Project training, Stem Hotel, Nakuru, 1994.
8. Makadamia Extension, in Thika Horticultural Research station, 1990.
9. Sericulture production in Thika Horticultural research 2003.
10. Part-Farm-Participatory farm planning, in Kilifi Institute of Agriculture, 1994.
11. Etc.

J: EXTERNAL COURSES ATTENDED OUTSIDE KENYA

1. Fruit tree cultivation techniques, in Japan, 1999, sponsored by JICA.
2. Rice cultivation techniques in Egypt, 1992, sponsored by JICA.
3. Vegetable production in Arusha, Tanzania, 2009.

K: MEMBERSHIP AFFILIATION IN PROFESSIONAL BODIES

1. Alumni member, Reading University (UK).
2. JICA Alumni member
3. Egerton Alumni member
4. Member OSSREA, Kenyan Chapter
5. HAK member

L: EXTRA CURRICULUM ACTIVITIES

Hobbies- Music, Electronics, excursions, wild life seeing.

M: REFEREES

1. **Prof. W. NG'ETICH** Eldoret University, P.O. Box Eldoret
2. **Prof. A. M Kibe** Egerton university, P.O. Box 536, Njoro.
3. **Prof. Tim Wheeler** Reading University, P.O. Box 236, RG 66 AT, READING.