

# CURRICULUM VITAE

Dr. *BONIFACE N. WAMBUA*

## PERSONAL DETAILS

NAME	Dr. Boniface Nzuve Wambua
DATE OF BIRTH	21 <sup>st</sup> April 1962
MARITAL STATUS	Married
NATIONALITY	Kenyan
ADDRESS	University of Nairobi Department of Geography and environmental studies P.O Box 30197 00100GPO Nairobi

## Profile

Holding a doctor of philosophy in agricultural geography and specializing in food security. Good interpersonal skills and self drive personality. Am dynamic and competent scholar with a lot of wealth of experience in teaching, training and research at university level for 18 years. I have supervised several postgraduate students both at masters and PhD levels. Have been involved in several National and regional research consultants funded by international organizations, regional organizations and government ministries/parastatals.

## EDUCATIONAL QUALIFICATIONS:

2008	Doctor of philosophy (PhD) in Agricultural Geography, focusing on food security in semi-arid ecosystems. Department of Geography and Environmental studies, University of Nairobi
1993	Masters of Arts (M.A) in Agricultural geography, focusing on horticultural production and marketing in Machakos and Makueni districts. Department of Geography, Kenyatta University.
1989	Bachelors of Education, Second class Honors, upper division, Kenyatta University.
1984	KACE, Kanunga high school, 3 principals and 1 subsidiary.
1982	KCSE, Kasikeu Secondary school, Division one- 19 points.
1979	CPE, Nduluni primary school.

## WORK EXPERIENCE

1993 - 1997: Assistant lecturer department of Geography and environmental studies, faculty of social sciences, University of Nairobi.  
1997 – 1999:

1999 – Present: Lecturer, department of geography and environmental studies, schools of education and faculty of Arts, University of Nairobi.

### **Key duties and Responsibilities.**

Teaching, training, research, examining and supervision of postgraduate masters and PhD students

Courses taught

### **Masters in environmental planning and management**

- CGP 535: Dry land ecology

### **Bachelor of education arts**

- TGN 104: introduction to human geography
- TGN 202: natural resources management
- TGN 3.4: Agricultural geography
- TGN 307: geography of Arid and Semi Arid Lands
- TGN 311: Geography of recreation and tourism

### **Bachelor of Arts by distance**

- GEG 103: introduction to human geography 1
- GEG 202: physical geography 2
- GEG 203: Geography of Africa

**Selected post graduate theses supervision within university of Nairobi, ESAMI/Maastricht business school, Arusha Tanzania and other institutions of higher learning for the last 2 years**

### **UNIVERSITY OF NAIROBI, DEPARTMENT OF GEOGRAPHY AND ENVIRONMENTAL STUDIES**

- Maina Micro David C/50/p/9123/04, M.A in environmental planning and management. Title; **Access to water for life and enhanced livelihoods, through improved water governance; the case of Kibera slum. Status ;graduated**

### **2010 MASTERS THESES**

- Sindani B. Wellington C/50/p/70381/07, M.A in environmental planning and management. Title; **urban farming and its effects on livelihoods and organic waste management. The case of Bungoma municipality Status; defended thesis project**

- Maina Micro David C/50/p/9123/04, M.A in environmental planning and management. Title; **Access to water for life and enhanced livelihoods, through improved water governance; the case of Kibera slum.** Status ;graduated in December 2008
- Mutua Teresia Mithike C50/70373/07, M.A in environmental planning and management. Title; **Non- climatic factors contributing to food insecurity in semi-arid Kenya. A case study of Tseikuru division, Mwingi District.** Status ;graduated
- Njeru Moses Kathori C50/71809/08, M.A in environmental planning and management. Title; **an analysis of organic farming in rural Kenya; a case study of Nembure division, Embu district west.** Status ; graduated
- Ashioya I.M C/50/p/9123/04 M.A, in environmental planning and management. Title; **food security for pastoralists. A case study of Imbiriki sub location, Kajiado District** Status; data collection

#### **2011 MASTERS THESES**

- Nicholas Nderitu Mugi M.A in environmental planning and management. Title, influence of **corporate environmental management on business competitiveness. A case of east Africa Portland cement co.** Status submitted for examination
- Paul Kaniaru Mutero, M.A in environmental planning and management. Title, **An analysis of tea growing and forest degradation in the Aberdares Ranges.** Status, correcting final draft
- Caxton Gitonga Kaua C50/60276/10. M.A in environmental planning and management. Title, **Analysis of the socio – economic factors affecting adoption of agro-forestry practice in Ndabini location.**status, graduated
- Beatrice Mugo C50/71493/10.M.A in environmental planning and management. Title, factors affecting adoption of conservation agriculture among small scale holder farmers in Ngatia division, Nakuru County. Status, graduated

#### **2012 PH.D THESES**

- Moses k. Njeru. PhD thesis. Topic influence of selected small – holder farming practices a sustainable environmental management in Embu west and north district, Kenya. proposal correction, chuka university

- Kithome Kilaka: effects of declining agricultural land units on food security: a case of makueni county, Kenya: proposal due for registration

**EAST AND SOUTHERN AFRICA INSTITUTE OF MANAGEMENT (ESAMI) ARUSHA AND MAASTRICH UNIVERSITY IN NETHERLANDS THESES SUPERVISION**

**2010 MASTERS THESES (masters in business administration)**

- Benson Churchill Munthali **Executive MBA, ESAMI, Arusha, Tanzania –title An evaluation of the effects of public works programme – conditional cash transfer on household food self sufficiency and national food security in Malawi** .status; graduated
- Sally Endeley; **Executive MBA, ESAMI Arusha, Tanzania- food insecurity and its management. A case study of Arusha District, Tanzania. Status;** completed and graduated in December 2009
- Henderson Madie Chapate, **Executive MBA, ESAMI, Arusha Tanzania\_ title Evaluation of community based economic empowerment program. The case of disability groups benefiting from Malawi Rural Development Fund Loans in Malawi.** Status; graduated
- Kondoro L Nteminyanda, **Executive MBA, ESAMI, Arusha Tanzania. Title, Environmental management system in cement industry. A case study of Mbeya cement company.** Status; graduated
- Mackenzie Nkalapa, **Executive MBA, ESAMI, Arusha Tanzania. Title, The future of community managed micro finance: the case of Rural Livelihoods support program in Malawi.** Status ; graduated
- Arther L. Chirwa, executive MBA, ESAMI, Arusha Tanzania, Title, industrial liquid waste management and its environmental impacts. The case of paint industry in Blantyre city, Malawi. Stated; graduated
- David Koillah, executive MBA,ESAMI, Arusha Tanzania, Title, **An analysis of the feasibility of implementing crop insurance scheme among farmers in Tanzania,** status; graduated
- Sonia Mwadime, executive MBA, ESAMI, Arusha Tanzania, Title, **Factors affecting supply of organic products for export in Uganda. A case of Biofresh LTD.** Status; graduated

- Patrick Mutabwire, Executive MBA, ESAMI, Arusha Tanzania, Title, **The local economic development in Uganda; an assessment of opportunities and constraints.** Status; graduated
- Joseph Kimweli, Executive MBA, ESAMI, Arusha Tanzania, Title, **An assessment of poverty and hunger eradication in Kenya based on the millennium development goals. A case study of Mukaa district.** Status; graduated

#### **2011 MASTERS THESES(masters in business admistration)**

- Irene Ruguru Arina14NB 8659, Executive MBA, ESAMI, Arusha Tanzania, title, **Viability of organic farm products in urban fast food restaurants. The case of Nairobi city** status; submitted for examination
- Ngosa y. Mbolela 19LS 9987, Executive MBA, ESAMI, Arusha, Tanzania. **Title an option for developing the bio fuels industry through private sector in zambia, - policies, institutional framework and financial incentives.** Status; submitted for examination
- Christopher Chitosi - 21 LI 10794, Executive MBA, ESAMI, Arusha, Tanzania. Title **urbanisation and waste management – a case of Lilongwe city.** Status; submitted for examination
- Agnes kansime 4ehdma069, Higher diploma, ESAMI,Arusha, Tanzania. Title **the impact of occupational safety and health hazards on small scale industrial workers in kampala city; a case of mengokisenyi slum industries.** Status; final corrections
- Faustine c. Thomas.21ehq 10615, Executive MBA, ESAMI, Arusha, Tanzania. Title **challenges facing sustainability of tourist hunting industry in Tanzania: the case of robin hurt safaris Tanzania limited.** Status; submitted
- Annie Alinane Bandamba: 21LI 10793. Executive MBA, ESAMI, Arusha, Tanzania Title **an analysis on how companies in the manufacturing sector in Blantyre - Malawi are addressing corporate social responsibility.** Status; submitted for examination
- Idrisa. i. Mugalula- **ID-21hq106487.** Executive MBA, ESAMI, Arusha, Tanzania. Title status ;submitted for examination
- **Nicholas j. Kanyamala19ehq9942,** Executive MBA, ESAMI, Arusha, Tanzania. Title **The analysis of the impact of environment management practice on effective adoption of environmental pollution management on industries; the case of Mbeya breweries plant .**status; final corrections
- Ramadhan Msimbira.20hq 10374, Executive MBA, ESAMI, Arusha, Tanzania

**Title: factors affecting the use of personal protective equipment by employees in manufacturing industries.** Status, submitted for examination

- Sylvester pius Assenga 21hq 10644, , Executive MBA, ESAMI, Arusha, Tanzania  
**Title: The impact of kilimo kwanza and its uniqueness from the past initiatives to bring sustainable green revolution and economic improvement for Tanzania: the case study of Moshi rural.** Status; analysis
- Simon John Samo .student, 1O HQ7767, , Executive MBA, ESAMI, Arusha, Tanzania  
Title, **the effect of urban traffic congestion in Tanzania .a case study of dar-es salaam city.** Status, analysis
- Mwanaidi R. Mlolwa id no: 19 (3) EDA 10102, Executive MBA, ESAMI, Arusha, Tanzania  
Title:, **assessment of pollution control of liquid wastes of fish establishments in Tanzania: a case of mwanza region .** Status, thesis correction
- Esther Ntumo. (18HQ9683), Executive MBA, ESAMI, Arusha, Tanzania. Title, **the effectiveness of Tanzania basin water offices in implementing integrated water resources management and development**  
(case study of pangani basin). Data analysis
- Elibariki Andrew student id: 22 GGM **10863**, Executive MBA, ESAMI, Arusha, Tanzania  
Title – **corporate social responsibility in the mining industry – the risk of community dependency.** Data analysis
- Joy Kiruki 18 ENB, Executive MBA, ESAMI, Arusha, Tanzania. Title, **corporate environmental systems management in Kenya: a case study of KBC.** Status, final corrections
- Oswald Lutepo 21 EBL 10560, Executive MBA, ESAMI, Arusha, Title, **the impact of government’s universal subsidy on cotton in relation to the current cotton yields in Malawi.** Status, final corrections
- Toto Zedekia kisinzaid 22ggm10899, Executive MBA, ESAMI, Arusha, Title, **title: ecological products competitiveness .case of agricultural export from Tanzania 22 geita goldmine.** Status, data collection
- Nina Nimwesiga Rutakyamirwa 19(2) eda10081, Executive MBA, ESAMI, Arusha, Title, **the effectiveness on the issuance of certificate of occupancy in distributed environment, the case of the ministry of lands, housing and human settlements development in Tanzania.** Status, data analysis
- kezia Nyakimwe ;**proposal not forwarded**

- Pendo Chiragi. 19eda 9901 Executive MBA, ESAMI, Arusha, Tanzania. **Title a critical evaluation of the laws regarding women’s right to property in Tanzania”. Case study: dar- es –salaam region.** Status, final corrections
- Alvin Silao. 21EDA10534. Executive MBA, ESAMI, Arusha, Tanzania. Title, assessment of the challenges and opportunities of small scale food processing enterprises in Tanzania the case of the ilala district, dar es salaam, Tanzania. Status, Data analysis
- Susan John Muhangwa 20EMZ 10390, Executive MBA, ESAMI, Arusha, Tanzania. Title, **managing the environmental change process: barriers and opportunities, case study – Lake Victoria (mwanza).** Status ,collecting data
- Annette mwiriza 14EKI8649 Executive MBA, ESAMI, Arusha, Tanzania. Title **characteristics of good corporate governance: the role of the board of directors and management in a company - a case study of commercial banks in uganda .** status, collecting data

#### **Other responsibilities**

- Programme Manager, Bachelor of education science, bachelor of education Arts, School of Education
- Coordinator of academic field courses
- Member of the college of humanities and social sciences committee for Nairobi International Trade Fair
- Faculty of Arts welfare committee member
- Zone coordinator, teaching practice programme, School of Education
- Teaching, examining and theses supervision in the school
- Supervision of, masters and PhD theses in department of geography and environmental studies, school of distance Education , school of education, school of business
- External theses oral examination for ESAMI Executive MBA programme, Arusha Tanzania
- Resource person, theses supervision for ESAMI Executive MBA programme, Arusha Tanzania
- Member of African journal of agricultural research review committee
- Member of journal education foundation review committee, university of Nairobi

#### **RESEARCH INTERESTS**

- Agriculture and food security issues
- Policy issues in agricultural sector
- Policy issues in education sector
- Gender, Poverty and development

- Livelihood systems and development
- Development and environmental studies
- Natural Resource planning, utilization and management
- Environmental planning and management
- Integrated approach in Rural development

## **RESEARCH EXPERIENCE/PUBLICATIONS /SEMINAR PAPERS**

- 2012 Development of transboundary programme for joint management of lake jipe – chala and Umba river ecosystem management, a project funded by Lake Victoria basin commission  
**Consultancy – REDPLAN**
- 2011 Serengeti – Maasai Mara Trans boundary resource management, project for Lake victoria Basin commission funded by USAID July – September 2011, **consultancy- REDPLAN**
- 2010 Capacity building for sustainable water resource management in the larger Mount Kenya September 2010 funded by CETRAD, **consultancy- REDPLAN**  
Training water resource users association members from Aberdares and Ewaso Nyiro Catchments areas
- 2010 Establishing of Mara River Basin policy, legal and institutional cooperative framework Tender no LVBC/TWBH-MRBP/2009 - /CS/05. Funded by Lake Victoria Basin Commission August/ September 2010, **consultancy - REDPLAN**
- 2010 Environmental Audit project for ALRPM II in the Arid and semi arid districts of Kenya. A research project funded by World Bank and ministry of arid and semi arid lands, **consultancy – REDPLAN**
- 2010 Temporal changes of sediment dynamics within the Nairobi River Sub-basins between 1998 -2006 time scale, Kenya. A paper presented in Warsaw – Poland June 14 -15 2010 ICCE\_IAHS International Symposium on sediment dynamics for changing future and published in International Association of Hydrological Sciences (IAHS)
- 2008 Completed a PhD research on analysis of social-economic and institutional factors on food security in semi-arid areas of Makueni District.
- 2006 Anthropogenic factors and food security, Eastern Kenya. Paper presented in South Africa
- 2006 Quality assurance and standards in education system, North eastern Kenya. A project for the ministry of Education.
- 2004 Research on resource utilization and management in coast region- University project.



- 2003 Problems of sustainable development of agricultural production in the semi-arid areas of Machakos-Makueni districts- Seminar paper.
- 2002 Research on resource mobilization and management for National development in Lake Basin region, university project.
- 2001 Post harvest food waste and household food security. Seminar paper at Silver Spring hotel, Nairobi.
- 1999 The urban growth of Mombasa coastal town and its implication for surface and ground water resources. Paper published in the Journal of International Association of Hydrological Sciences.
- 1998 Droughts and floods associated with the Great Elnino episodes over parts of Kenya eastern Africa. A paper published in the Journal of International Association of Hydrological Sciences.
- 1998 Drought and flooding effects on arid and Semi-arid environments in eastern parts Kenya. A paper published in the Journal of International Association of Hydrological Sciences.
- 1998 Research consultant with Christian children fund (CCF). An evaluation project programme under centers sponsored by CCF in Kenya.
- 1997 Research consultant with plan International kiambu. Project on rural poverty and alleviation.
- 1992 Master of Arts research thesis on agronomic and socio-economic factors affecting spatial variation of horticultural crop yields in Machakos District, Eastern Kenya.
- 1991 Research assistant on the small scale industries in Nairobi region.
- 1989 Dissertation on socio-economic problems in wood carving industries in Wamunyu location, Machakos District. Department of Geography, Kenyatta University.

#### **WORKSHOPS/SEMINARS FACILITATED AND PARTICIPATED**

- 2012** CARTA/DelPHE capacity building workshop III **on critical issues in Research Management and Institutional Administration**; august 30<sup>th</sup> – September1<sup>st</sup> 2012 University of Ibadan, Nigeria
- 2012** The 5<sup>th</sup> trapca Research Forum held at ESAMI, Arusha Tanzania. Theme; **African Trade Under Climate Change and the Green Global Economy 7-8 August 2012**

- 2012 Faculty of ARTS, CHSS, University of Nairobi committees retreat held at Maanzoni Hotel, Machakos County on 13th to 16th June 2012**
- 2011 External evaluator in oral theses defense panel for ESAMI executive MBA Programme at Arusha, Tanzania from 10<sup>th</sup> to 15<sup>th</sup> November 2011
- 2011 The 6<sup>th</sup> trapca conference held at ESAMI, Arusha Tanzania. Theme; Foreign land Acquisition in Africa – An analysis of the impacts of individual land deals on local Communities 25<sup>th</sup> to 25th November 2011**
- 2011 Workshop on ethnic and racial issues organized by National commission for integration And Cohesion at Garden Hotel Machakos, 29 – 30<sup>th</sup> October 2011. Participant
- 2011 Tourism development and wildlife management strategy in Serengeti Maasai mara Trans-boundary resource management workshop held on 18 – 19 October 2011 at Cathy hotel Nakuru, Kenya. Presented research project findings
- 2011 Serengeti – maasai mara ecological management national workshop held at Narok, Kenya On 12 th September 2011 To discuss joint management of Serengeti – maasai mara Transboundary resource. Was a resource person and facilitator at Chambai hotel
- 2011 Serengeti – maasai mara ecological management national workshop at Arusha, Tanzania On 20 th September 2011. A resource person and facilitator at corridor springs hotel
- 2010 The 5<sup>th</sup> annual conference held in ESAMI, Arusha by TRAPCA. Theme; The dragons Forays into Africa; the surge of Sino – Africa Trade and Investment Ties and its Policy implications 25<sup>th</sup> to 26<sup>th</sup> November 2010
- 2010 External evaluator in oral theses defense for ESAMI executive MBA Programme at Arusha, Tanzania from 8<sup>th</sup> to 21<sup>st</sup> November 2010.
- 2010 Resource tracking, planning and costing training workshop, 11<sup>th</sup> to 15<sup>th</sup> October 2010, White Sands beach resort and spa, Mombasa
- 2010 Capacity building for sustainable water resource management in the larger Mount Kenya 21 – 22 September 2010 at Isiolo agricultural training center, funded by CETRAD Training water resource users association members from Aberdares and Ewaso Nyiro Catchment areas
- 2010 Validation workshop for the 5 training modules for WRUA’S capacity building in Nanyuki, Kenya 17<sup>th</sup> September 2010 sponsored by CETRAD. Training Water resource Users Association Members from Ewaso Nyiro and Aberdares catchment areas
- 2010 Stake holders’ workshop for establishing the Mara River Basin Corporative framework 14<sup>th</sup> August 2010, Musoma, Tanzania

- 2010 Stakeholders workshop for establishing the Mara River Basin corporative framework  
16<sup>th</sup> august 2010, Bomet, Kenya
- 2010 **Health economics and health systems strengthening workshop organized by school Economics in collaboration with ministries of medical services and public health And sanitation and sponsored by USAID 19<sup>th</sup> -23<sup>rd</sup> July 2010 at university of University, Chiromo conference center**
- 2010 The 4<sup>th</sup> trapca tripartite Research Forum held in ESAMI, Arusha Tanzania. Theme; towards a Tripartite COMESA, EAC and SADC Free Trade Area: the process, issues And priorities 17 – 18 June 2010
- 2010 B.ed science curriculum review and harmonization at Karen KCB leadership training Center from 28<sup>th</sup> February to 4<sup>th</sup> march 2010
- 2009 Trade policy Training Centre in Africa (trapca) 4<sup>th</sup> annual conference held in ESAMI, Arusha Tanzania from 25<sup>th</sup> to 29<sup>th</sup> November 2009. Theme: ‘looking ahead; Implications of the Global Economic Crisis on the Trade Activity Path for Developing Countries
- 2009 External evaluator in oral theses defense for ESAMI executive MBA Programme at Arusha, Tanzania from 17<sup>th</sup> to 21<sup>st</sup> November 2009.
- 2009 Strengthening Collaboration on Sustainable Development Research and Graduate Training. A workshop held at ICIPE on 6<sup>th</sup> march by McGill University Canada
- 2008 Participated in Departmental exhibitions at Nairobi International Trade Fair, October 2008 at Show Ground
- 2008 Participated in University exhibitions during the launch of environmental education and Awareness initiative at Nairobi Arboretum sponsored by Ministry of Environment and Mineral resources, September 2008
- 2007 Seminar on capacity building; transformative leadership and results based management At University of Nairobi, 25<sup>th</sup> -26<sup>th</sup> October.
- 2007 Seminar on ISO 9001/2002 certification on International standards. University of Nairobi, 25<sup>th</sup> July.
- 2007 Environment impact assessment in tourism industry, workshop held at Silver Spring hotel for stakeholders in tourism sector.
- 2007 Environmental Impact Assessment Guidelines for Tourism Sector in Kenya, Ministry of Tourism and Wildlife, 18<sup>th</sup> October at Utalii Hotel

- 2007 Seminar on review, harmonizing and integration of Degree/Diploma programme, department of geography and environmental studies 28<sup>th</sup>-29<sup>th</sup> march 2001, exhibition hall, University of Nairobi.
- 2007 Seminar on curriculum review and harmonization for Bachelor of Arts programme, School of education-Utalii Hotel.
- 2007 Seminar on thesis/project supervision and evaluation held at kikuyu campus.
- 2006 Seminar on research methodologies applied in social science studies held in University of Nairobi.

### **OTHER EXPERIENCE**

- 1992 Trained teacher at Kyanguli Secondary School. Head of Geography department.
- 1989 Trained teacher at Machakos School. Head of Geography department
- 1988 Untrained teacher at Sengani High School.
- 1985 Untrained teacher at kasikeu secondary school.

### **COMMUNITY SERVICE**

- Chairman, board of governors, Kasikeu boys' high school, Makueni County
- Member, board of governors, Nduluni secondary school, Makueni County
- Secretary, investment company, NGUMA welfare association
- Chairman, Bahati self help Development group

### **HOBBIES**

- Reading
- Research
- Traveling

### **LANGUAGES**

Fluent in English, Kiswahili, and Kikamba.

### **REFEREES**

Prof George khroda  
Department of geography and environmental studies  
University of Nairobi  
P.O BOX 30197 – 00100  
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Dr Stephen Nzuve  
Dean, School of Business  
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