

RESUME

PROFESSOR ELIAS HENRY OLARE AYIEMBA



Professor Elias H.O. Ayiemba is a renowned Population Geographer and Demographer in the African Continent. He was until August 2011, the Chairman of the Department of Geography and Environmental Studies, University of Nairobi, Kenya. He has, also, served the University of Nairobi in several positions as the Associate Dean and Acting Dean, Faculty of Arts, and Senate Representative in the Kenya National Examination Council. He is currently the representative of the College of Humanities and Social sciences in the Board of Postgraduate Studies, University of Nairobi..

Professor Ayiemba's university career started in 1975. Since then, he has accumulated a wealth of research experience and expertise. He has authored several books; contributed articles in peer reviewed journals and published numerous conference proceedings. All these have been achieved through many research grants awarded by United Nations Agencies, International organizations such as: ILO/EMAT; UNFPA, World Bank; WHO; Macro International; the Carnegie Corporation of New York and the Government of Kenya, to mention a few. His passion for academic work is also reflected in the number of postgraduate students he has successfully supervised at Masters and Doctoral levels. Furthermore, he is currently the External Examiner to several universities in the region namely; The University of Dar es Salaam, Egerton University, Kenyatta University and Rongo University College.

Professor Ayiemba has traveled widely to attend international conferences, and has been a Visiting Scholar to several universities abroad namely: the Department of Social Medicine, Harvard Medical School (USA); Department of Geography, Liverpool University, United Kingdom and the Institute of Geography, University of Bern, Switzerland and others. His research interests cover areas on population dynamics, environment and sustainable development. Currently, he is a member of an international team of researchers working on livelihood systems and strategies of communities in arid and semi-arid lands of East Africa. He has also completed work on livelihood challenges of orphans and problems of institutions providing care and services to orphans in Kisumu County, Kenya. Finally, he recently in February 2014 co-ordinated an international scientific conference on the impact of climate change on natural resources and human activities in Tana River County, Kenya.

Professor Ayiemba as a consultant on population, environment and development issues is an active member of the Union of African Population Studies (UAPS), Kenya Population Association (KPA), and formerly a member of the International Union for the Scientific Study of Population (IUSSP). For detailed information, please log in <http://www.uonbi.ac.ke>.

Elias H.O..Ayiemba.

A SUMMARY OF CURRICULUM VITAE

NAME: Elias Henry Olare Ayiemba, Ph.D

DATE OF BIRTH: 16th June 1946

MARITAL STATUS: Married with four children
(3 boys and 1 girl, all above 18 years)

CURRENT POSITION: **Professor of Geography**
Department of Geography and Environmental Studies
University of Nairobi

PERMANENT ADDRESS: Department of Geography and Environmental Studies
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1. DEGREES, DIPLOMAS AND CERTIFICATES AWARDED

- 1993: Certificate of Medical Anthropology
Department of Social Medicine, Harvard Medical School, Harvard
University, Boston, MA, U.S.A
- 1985: Doctor of Philosophy in Population Geography (University of
Nairobi, Kenya)
- 1979: Graduate Certificate in Demography (Florida State University,
Tallahassee, U.S.A.)
- 1975: Master of Arts in Population Geography (University of Nairobi,
Kenya)
- 1971: Bachelor of Arts (Hon) in Geography (University of Nairobi,
Kenya)
- 1971: Certificate of Education (University of Nairobi, Kenya)

2. EDUCATIONAL CAREER

- 1999: On sabbatical leave at the Department of Social Medicine, Harvard Medical School, Boston, MA, USA.
- 1996: Visiting scholar, Liverpool University, Department of Geography, U.K.
- 1992-1993: On sabbatical leave at the Department of Social Medicine, Harvard Medical School, Boston, Massachusetts, U.S.A.
- 1984: Submitted my PhD thesis entitled: “Nuptial Determinants of Fertility in Western Kenya”. (Unpublished PhD thesis) University of Nairobi, Library.
- 1978-1979: On study leave at Florida State University, Tallahassee, U.S.A.
- 1972-1974: Postgraduate education in the Department of Geography, University of Nairobi, Kenya.

M.A thesis entitled: “Intercensal Population Change: A Comparative Study of Kano Location and the Sugar-belt, 1962-1973”.
- 1968-1971: Undergraduate education in the Department of Geography, University of Nairobi, Kenya.

B.A dissertation entitled: “Rural Periodic Markets in the Western Division of South Nyanza: A Study in Size and Periodicity”.
- 1966-1967: High School education at Maseno High School, Nyanza Province, Kenya.
- 1962-1965: Secondary education at Bugema Missionary College, Uganda.
- 1959-1961: Upper Primary education at Bugema Missionary College, Uganda.
- 1954-1958: Lower Primary education at Gendia Mission Station, South Nyanza District, Kenya.

3. APPOINTMENTS AND PROMOTIONS

- 2005-to-date: Professor, Department of Geography & Environmental Studies
- 2005- 2011: **Appointed Chairman, Department of Geography & Environmental Studies.**

- 1999: Visiting Research Fellow, Department of Social Medicine, Harvard Medical School, Boston, Massachusetts, U.S.A.
- 1998-2003: Re-appointment as the University of Nairobi Senate Representative to the Board of the Kenya National Examinations Council (KNEC), Republic of Kenya.
- 1997-1998: **Acting Dean, Faculty of Arts, University of Nairobi.**
- 1991-1997: **Associate Dean, Faculty of Arts, University of Nairobi.**
- 1996-to-2011 **Chairman, Inter-faculty Collaboration Programme on Health and Behaviour Studies, University of Nairobi, Kenya.**
- 1996-1998: Chairman, Population, Environment and Development Research Agency (PEDRA), an NGO concerned with environmental issues.
- 1994-2005: Associate Professor, Department of Geography, University of Nairobi, Kenya.
- 1992-1993: Visiting Research Fellow, Department of Social Medicine, Harvard Medical School, Boston, Massachusetts, U.S.A.
- 1988-1991: **Chairman, Department of Geography, University of Nairobi, Kenya.**
- 1987-1994: Senior Lecturer, Department of Geography, University of Nairobi, Kenya.
- 1977-1987: Lecturer, Department of Geography, University of Nairobi, Kenya.
- 1975-1977: Assistant Lecturer, Department of Geography, University of Nairobi, Kenya.
- 1974-1975: Tutorial Fellow, Department of Geography, University of Nairobi, Kenya.

4. **UNIVERSITY TEACHING EXPERIENCE AND SUPERVISION OF STUDENTS**

- a) Teaching Post-graduate Courses
- Conflicts in Resource us
 - Environmental Management, Review and Critique
 - Human Impact on the Natural Environment
 - Advanced Demographic Techniques
 - Advanced Population Geography Analysis

- Population Policies
 - Migration and Urbanization
 - Fertility, mortality and migration
 - Population and sustainable development
 - Research Methods
 - Occupational health and safety
 - Urbanization for sustainable development
- b) Teaching Undergraduate Courses
- Demography
 - Population Geography
 - Human Geography
 - **Medical Geography**
 - **Poverty, food security and livelihood systems**
- c) C0-Supervision of PhD students

Supervision of On-going PhD Studies

2012-to date: Ayiemba, E H O and Collins Opiyo:
Samuel Kipruto: “Access to Health and
Education services and their impact on
Household Welfare in Rural Kenya”

2010- to-date: Ayiemba, E.H.O; Stanley Makindi, and Hussein
A. Mahmoud: Yakub, M. Dahiye (Egerton University): “
Ecological and Social
Consequences of Refugee Settlement in
Daadab Division of North Eastern
Kenya.”(**Currently on Fieldwork**)

Completed PhD Supervision

2009-to 2013; Ayiemba, E.H.O., Lawrence Ikamari and Murungaru
Kimani: Joyce Kinaro: “Perceptions and Barriers
to Contraceptive Use Among Adolescents: A Case
of Nairobi.” **Completed and graduated in
December, 2013.**

2007-2011: Ayiemba, E.H.O and Richard , S. Odingo: Tom, O.
Ouna: “Landscape Characteristics and Its Effects

On the Frequency and Spatial Distribution of Severe Malaria Cases in Selected Areas of Western Kenya Highlands: A Geostatistical Analysis.” **(Completed in December 2012)**

2008-2011: Ayiemba, E.H.O. and Alfred , O. Agwanda: Paul, Obino Ong’anyi: “Spatio-temporal Variations in Orphanhood: Analysis of the Effects of AIDS, and Traditional versus Modern Institutional Coping Mechanisms in Kisumu District, Kenya” **(Graduated in December 2012)**

2005-2009: Ayiemba, E.H.O. and E.Irandu: **John K. Musingi**–“ **The Effects of Large-Scale Multi-purpose Dams on Community Health and Food Security: A Case Study of Masinga Dam, Kenya.**” **(Completed and Graduated in December, 2009)**

2004: - Ayiemba, E.H.O and J.L. Ogallo: **Mrs Oluoko-Alice Odingo** –“**Food Security and Poverty Among Small-Scale Farmers in Nyando District, Kenya**” **Department of Geography and Environmental Studies, University of Nairobi. Graduated in 2006.**

Ayiemba, E.H.O and T. Oyari : **Mr. Mwanguni, Saeed Mutta** –“ **The Effects of Tourism on the Management Of Kenya’s Coastal Water Resources: A Case Study Of Nyali-Bamburi-Shanzu and Diani-Shale Areas**” **Department of Geography and Environmental Studies (graduated in December, 2009)**

2004: Ayiemba, E.H.O and M. Kirimi: **Mr. Japhan K. Omoke** - “**Population Ageing in Rural and Urban Kenya: A Case Study of Lamu, Turkana and Nairobi Districts**”. **Department Of Geography and Environmental Studies (Graduated in 2008)**

1993-1998: Ayiemba, E.H.O. and R.T. Ogonda : **Mr. Charles Omondi** – **Department of Geography, Maseno University . (completed his PhD in UK).**

1992-1997: Ayiemba, E.H.O. and J.O.Oucho: **Mrs. Margaret Kirimi – Department of Geography and Environmental Studies, University of Nairobi. (graduated in 1998)**

d) Supervision of M.A students supervised in the last 10 years

2014 to date: Maiyo Ben Kiprotich “An assessment of the Challenges affecting the implementation of E-waste Management in Kenya: A Case study of Electrical Waste and Electronic Equipment Centre, Nairobi” (on-going project).

-----do----- Vicky Onderi: “ Assessment of E-Waste Management Among selected Enterprises in the Athi River, Machakos County and Nairobi County, Kenya.” (on-going project).

2013-to date: Rael Chepkorir : Visitors Awareness and Assessment of recreational disturbances of Wildlife In Nairobi National Park

203-to date: Mauren Chemelil : Impact of Poor Hygiene and Environmental Sanitation Management on Community at Zimmerman, Nairobi

203-to-date: Abdullahi Mohamed Yassin; Impact of refugees on the Environment: A Case study of Daadab Refugees Camp in North eastern Kenya.

2012: Rika John Kagai: “ Solid Waste Management: A Study of Variables Contributing to Quantities Generated by Organizations within Anniversary Towers in the Nairobi Central Business District” (Graduated in December 2013)

2011: Abdullahi Mohamed Yassin: “ Impact of Refugees on the Environment: A Case Study of Daadab Refugee Camp, Garissa District”. (Graduated in December 2012)

2010: Mr. Lembara S. Lucas-“The Impacts of Human on Drylands Environment: A Case study of Lorroki Plateau

- In Samburu District, Kenya”. (completed)
- 2008: Mr. Asetto Jack-“Sanitation systems and their effects on the Environment: The Case of Karen, Nairobi”. (completed).
- 2007: Mr. Tito Kodiaga – “An Assessment of the status of Health Care Waste in Kenya: A Case Study of Nyanza Province” (Completed)
- 2006 Ms. Mutiti Frida Nyiva- “Waste Disposal Sanitation and Health: A Case Study of Kasarani, Nairobi.” (completed).
- 2005: Mr. Adipo P. Ouma _” Hospital Waste Management in Nairobi City” (completed).
- 2003: Mr. John Wafula - “Corporate Environmentalism and sustainability: Emerging Trends in Kenya” (completed)
- 2002: Mr. Mwanguni, S. Mutta – “Public Health Problems in Mombasa District: A Case Study of Sewage Management”. Department of Geography, University of Nairobi. (completed).
- 2002: Miriti Kaari M. Rosalid – “The Effect of Sex Composition on Contraceptive Use”. Population Studies and Research Institute (PSRI), University of Nairobi. (completed).
- 2002: Wangui, Joyce Kinari – “Determinants of Fertility Among Adolescents and Youth 15-24 years in Kenya”. Population Studies and Research Institute (PSRI), University of Nairobi. (completed).
- 2002: Tsuma F. Tabitha – “Human Impact on Forest Resources: A Case Study of Mukogodo Forest, Laikipia District” – Department of Geography, University of Nairobi. (submitted for examination).

5. APPOINTMENT AS EXTERNAL EXAMINER

- 2015:** Appointed External Examiner, School of Arts and Social Sciences. Rongo University College, A Constituent of Moi University, Kenya.

- 2014: Reappointed External Examiner, Department of Geography, University of Dar es Salaam, Tanzania.
- 2012: Appointed External Examiner for M.A thesis entitled: “Diversification of Livelihood Strategies Among Kenyan Pastoral Communities: The Case of Isiria Maasai of Lolgorien Division, Transmara District, Kenya”. By Moses Kipainoi Saranta, Kenyatta University, Kenya.
- 2012: Appointed External Examiner for Msc thesis Entitled: “ Effect of urban Population growth on Household Access to Water and Sanitation in Bomet Town, Kenya.” By Edna C, Koskei, Egerton University, Kenya.
- 2011: Appointed External Examiner to Laikipia University College. A Constituent College of Egerton University, Kenya.
- 2009 Appointed External Examiner for PhD thesis entitled: “The Impact of HIV/AIDS on Fertility in Kyela District, Tanzania” by Albina Andrew Chuwa, The Open University of Tanzania, Dar es Salaam, Tanzania.
- 2009 Appointed External Examiner for PhD thesis entitled: “Maternal Referrals to Specialized Care in Mtwara Tanzania: The Impact of a Modified Criteria on Compliance.” By Rose N.M. Mpembeni, Muhimbili University of Health and Allied Sciences. Dar Es Salaam, Tanzania.
- 2008 Appointed external Examiner for PhD thesis entitled:” The Impact of HIV and AIDS on the Elderly People in Machete District, Tanzania.” By Joyce Peters Chonjo, Demographic Training Unit, University of Dar Es salaam, Tanzania.
- 2008 Appointed External Examiner for PhD thesis entitled: “Antecedents of Adolescent Parenthood: A case Study of Bondo and Nairobi Districts in Kenya.”
- 2007-to date: External Examiner, Department of Geography and the Department of Environment and Community Development, Kenyatta University.

- 2007 Appointed External Examiner for PhD Thesis entitled: “Environmental Determinants of Occurrence of Unstable Malaria in Kericho District of Kenya: An Investigation Through Statistical Modelling.” By Warkach Kipkorir Tonui, School of Environmental Sciences, Kenyatta University.
- 2006-to date External Examiner, Department of Geography, Egerton University and Laikipia University College.
- 2007 Appointed External Examiner for Mr. Peter Wekesa’s M.A thesis entitled:” Factors Influencing Household Production of Sorghum and Millet in Kiminini Location of Trans-Nzoia District, Kenya.” Department of Geography, Egerton, University.
- “ “ Appointed External Examiner for Ms. Sarah Ayeri Ogalleh’s M.A. Thesis entitled:” Status of On-farm Tree Establishment and Factors Affecting Tree Planting: The Case Study of River Njoro Watershed, Nakuru District, Kenya.” Egerton University.
- 2006: Appointed as External Examiner for PhD thesis – Faculty of Arts and Social Sciences, University of Dar es Salaam, Tanzania.
- 2004 Re-appointed External Examiner, Department of Behavioural Sciences, Institute of Public Health, Muhimbili University College of Health Sciences, University of Dar Es Salaam, Tanzania
- 2003: External Examiner, Demographic Unit, Dar Es Salaam University, Tanzania.
- 2003: Re-appointed as External Examiner, Department of Geography, Maseno University.
- 2003: Re-appointed External Examiner, Department of Geography, Egerton University.

6. RESEARCH GRANTS AWARDED

- 2012: United Nations Fund for Population Activities (UNFPA) for Research report on Kenya population Situation Analysis; Marriage and Family Patterns
- 2011 Republic of Kenya Consultancy to write Fertility and Nuptiality Monograph. Kenya National Bureau of Statistics, Government of Kenya, 2011.

- 2007; Republic of Kenya Research Grant for work on The Impact Of Climate Change on Human Settlements in Kenya.
- 2006: Joint Research Grant with Professor Urs. Wiesmann to Work on the impact of formal and Non-formal Institutions On OVCS in Kisumu District, Kenya.
- 2005: Macro International Inc. USA ; for further analysis of 2003 KDHS Socio-economic correlates of fertility and contraceptive use in Kenya.
- 2004: Essap Research Grant for a joint project with department of geography, University of Dar Es Salaam, Tanzania. For the study of central places around Mt. Kenya and Mt. Kilimanjaro.
- 2003; APAC Research Grant for Documentation of Agencies involved in HIV/AIDS activities in Nairobi. Kenya.

PUBLICATIONS

7. BOOKS/BIBLIOGRAPHIES

Elias Ayiemba., Samuel Owuor., Anne Omabia and Preetika Bhandari, 2014: Tana River County Sustainable Resource utilization and Environmental Management: Proceedings of the National Scientific Conference on the Tana River County, Mombasa. Published by Wetlands International, Nairobi

Ayiemba, E.H.O., Michael, M. Musyoka and Annett Aduda (2012): Kenya Population and Housing Census: Analytical Report Volume V. Fertility and Nuptiality. Kenya National Bureau of Statistics, **(In press for publication)**

Ayiemba, E.H.O. 2004: SGP; 2005. Introduction to Population Geography B.Ed. Science Programme Lecture Series. Faculty of Science , University of Nairobi. Published by the University Of Nairobi.

Ayiemba, E.H.O. 2003: SGP 102. Introduction to Human Geography B. Ed. Science Programme Lecture series. Faculty of Science, University of Nairobi. Published by the University Of Nairobi.

Ayiemba, E.H.O., Collins O. Opiyo and Mary, K. Muyonga (2002): Kenya Population and Housing Census: Analytical Report; Volume IV, Fertility

8. REFEREED JOURNALS

Saeed Mwanguni and Elias Ayiemba 2013: “Urbanization and Groundwater Pollution in Mombasa, Kenya: Do We have to Transfer the Problem due to Construction of the Dongo-Kundu By- Pass” **In Journal Of Environment and earth Science.. Vol 3, No.4, 2013.**

Kioko, J.B., and Elias H.O.Ayiemba : 2012: Effects of Technological Development On Rural Livelihoods in Developing World: A Case study of Effects of A Large Scale Multipurpose Dam on Malaria Prevalence in A Rural Community Around Kenya’s Largest Dam. **In European Scientific Journal, June edition, Vol 8, No.14, pp 132-148.**

Alice Oluoko-Odingo and Elias, H.O.Ayiemba: 2011: “ Vulnerability to Food Insecurity in Nyando District of Kenya”. In **Hekima: Journal of the Humanities and Social Sciences, Vol V, No. 1, 2011.pp 34-46.**

Charles Omondi and Elias .H.O. Ayiemba: 2005: “Migration Process in Kenya: An Answer to some Questions.” **In Maseno journal of Education, Arts and Science. Vol. 5 No. 1** Maseno University. January 2005 pp 61-76.

Ayiemba, E. H.O., 2003: “ Fertility and Development Issues in Africa: A Critical Review.” **In HEKIMA: Journal of the Humanities and Social Sciences. Vol. 2 No. 1 2003.**

Charles Omondi and Elias, H.O. Ayiemba: 2003: “Contraceptives Use Dynamics Among Migrant Women in Kenya”. **African Population Studies, Vol.18, No. 2,** October 2003.

Charles Omondi and Elias, H.O. Ayiemba., 2003: “ Migration and fertility Relationship: A Case Study of Kenya.” In **African Population Studies, Vol. 18, No. 1. April 2003.**

Ayiemba, E.H.O., et al., (2001): “Kenya Maternal Mortality Baseline Survey: A Summary Report of the Main Findings”. **In Occasional Papers, Vol.1. Population Studies and Research Institute, University of Nairobi: pp43-54.**

Ayiemba, E.H.O., (2001): “The Effects of Health Education Programme on Adolescents Sexual Behaviour: A Case Study of Nairobi City Adolescents”. In **African Population Studies, Vol.16, No.1**, June 2001, pp87-93.

Ayiemba, E.H.O., et al., (2001): “Technology Based Business Development Services in Kenya”. In **Occasional Paper Number 67**. Institute of Development Studies (IDS), University of Nairobi.

Ayiemba, E.H.O. and J. K. Omoke, (2000): “Population Settlement and Forest Cover Dynamics in West Laikipia, Kenya” in **Journal of the Geographical Association of Tanzania, No.28**, July 2000, pp13-34.

9. PUBLISHED PROCEEDINGS OF INTERNATIONAL CONFERENCES / WOPRKSHOPS / SEMINARS

Elias, H.O. Ayiemba and Frida N. Mutui, 2014: An Assessment of Available Educated Labour force For Sustainable Environmental Conservation and Management In Tana River County. In Proceedings of the National Scientific Conference on the Tana River County, Mombasa , Kenya. Published by the Wetlands International, Nairobi.

Ayiemba, Elias H.O., 2003: “Role of A Supervisor in Postgraduate Conception and Preparation of Research Proposal: Keynote Address Toward Harmonisation of Postgraduate Training Through Improved Student-Supervisor Relationship.” **Proceedings of Maseno University Workshop, 24-25th April 2003.**

Ayiemba, E.H.O., (2001): “Refugee Crisis in Socio-economic and Cultural Context: Policy Issues for Sub-Saharan Africa” in **Proceedings of a Conference on Population, Health and Development in Africa: Anthropological Perspectives**. Eds A.B.C. Ocholla-Ayayo, et al. Population Studies and Research Institute, University of Nairobi.

10. CONSULTANCY REPORTS

Ayiemba, E.H.O. (2012): “Kenya population Situation Analysis: Marriage and Family Patterns,” A consultancy report for the United Nations Population Fund Activities (UNFPA), Nairobi Office. Nairobi (**in process for publication**).

Adewuyi, Alfred and Elias, H.O.Ayiemba., 2004: University Of Botswana: External Review Report for the Department of Population Studies. **An Evaluation report for the Centre for Academic Development (CAD)**. September 26-30th, 2004

Ayiemba, Elias H.O., Nyandega Isiah and A.B.C. Ocholla-Ayayo,. 2001: Farming in Tsetse Controlled Areas: A Household Survey of Selected Districts in Western Kenya. **A Consultancy Report forThe FITCA-Kenya Project.** October, 2001, Nairobi, Kenya.

Ayiemba, E.H.O. et al. (1999):**Proposed Country Action Programme.** A proposal for funding prepared on behalf of Kenya National Network Advocacy Group (KENNAG) submitted to JFA-PRESA, ILO Addis Ababa, Ethiopia.

Ayiemba, E.H.O. et al. (1998):**Technology Based Enterprise Projects: A Case study of Kisumu Innovative Centre,** Kenya (KICK), IDS, REME project, University of Nairobi.

Ayiemba, E.H.O. and F. Adeyoyin, (1997): **Module 1: Population and Development Strategies.** A Training Manual for the UNFPA Regional Population

11.. ACADEMIC REFEREES

1. Prof. Richard S. Odingo
Department of Geography
University of Nairobi
P.O. Box 30197 00100
Nairobi - Kenya
2. Prof. John O. Oucho
Population Studies and Research Institute
University of Nairobi
P.O. Box 30197, 00100, GPO.
Nairobi, Kenya.
3. Prof. W.T.S. Gould
Department of Geography
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4. Prof. G. Muriuki
Department of History
University of Nairobi
P.O. Box 30197 00100
Nairobi – Kenya

Dated 8th May 2014.