

## Curriculum Vitae

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Nationality: Kenyan.  
Marital Status: Married.

### **Education**

Ph.D., in Economics, Göteborg University, 2006  
Licentiate in Economics, Göteborg University, 2003  
M.A., Economics University of Nairobi, 1992  
B.A., Economics University of Nairobi, 1989

### **BIO**

Nyangena holds the Ph.D. degree in Economics from Göteborg University, Sweden. He is an Environmental and Resource Economist by training and has considerable research experience evaluation of development projects in poverty, economic valuation and income distribution. He also researches on development and environment economics with a bias on the nexus between poverty and environment. Nyangena has won research grants in his areas of specialization from both local and international organizations. Participation and leadership in collaboration projects, both locally and internationally has played an important role in enhancing his research capacity.

His leadership skills in research assignment are confirmed by positions held in research coordination. Currently he is the National Coordinator of the Environment for Development (EfD-Kenya) an initiative that advocates mainstreaming environmental and natural resource issues into the development process in Kenya.

leader for a project on Chronic Poverty, Vulnerability  
in Kenya, a collaborative project with the Institute  
University of Manchester, UK.

At the School of Economics, Nyangena was in-charge of organizing seminars and workshops. Currently, he is the coordinator of the newly established research unit at the School of Economics.

### **Employment Record**

**2010- present: Senior Lecturer**, School of Economics, University of Nairobi, Kenya

**1994- 2010: Lecturer**, School of Economics, University of Nairobi, Kenya,

**1991- 94: Assistant Lecturer**, School of Economics, University of Nairobi, Kenya,

**1985-86: Clerk**, Kenya Commercial Bank.

### **University of Nairobi-School of Economics Responsibilities**

- Teach and examine undergraduate and postgraduate students in Faculty of Arts, Faculty of Commerce and the School of Economics.
- Conduct research and supervised postgraduate research projects and thesis preparation.
- Participated in university outreach programmes.
- Generate and disseminate knowledge in Economics through research and publication as attested to by publications.

### **Postgraduate research project supervision and thesis examination**

- Supervised 10 M.A project papers/theses. (Won the Best Thesis Award in 2007 by the AERC- Simon Wagura).
- A member of Board of Examiners of 15 M.Sc theses and 8 Ph.D theses.
- Supervised to completion with others 5 Ph.D thesis.
- External Examiner University of Dar es Salaam since 2012
- External Examiner-Department of Economics- Moi University since 2011

### **Academic Visiting Appointments and Visits**

#### **Visiting Lecturer-University of Dar es Salaam AERC CPP (March 2007)**

Under the AERC-Collaborative PhD Programme (CPP) of which the School of Economics is a partner and with support from the African Economic Research

#### **Other responsibilities and University service**

- Seminars coordinator-School of Economics.
- Served as a member of the School of Economics Restructuring Committee
- *AERC-CPP comprehensive Examination Committee Micro economics group (secretary)*
- *Review of AERC-CMAP and CPP syllabi for Microeconomics and Environmental and Natural Resource Economics.*

### ts to the University

- AICAD Project (2006/07) Resource Scarcity in Pastoral Areas-A Case Study of Narok through Grants and the College of Architecture and Engineering-
- World Bank Project (2010- ) Migration in Africa, with Dr. Rose Ngugi-Through School of Economics and Grants Office
- Sida Environment for Development (EfD-K)

#### **National Coordinator-EfD-Kenya: (2007-Present)**

The EfD initiative is managed and supported by the Environmental Economics Unit at Göteborg University. The project is funded by the Swedish International Development Cooperation Agency, (Sida). EfD-Kenya is a local network for researchers, statisticians and policy makers Nyangena is the coordinator for EfD-Kenya and his duties include identification of research priorities for mainstreaming Environmental Economics in Kenya; liaising with the EfD partners, international researchers and policy analysts and donors for the growth of EfD-Kenya. Being the focal point for national and regional stakeholders, mobilizing local researchers and other stakeholders, organizing EfD-Kenya national events, disseminating information in the country, liaising with national and regional research institutions, statistical offices and relevant governmental agencies and identifying opportunities for cross country collaboration.

#### **Consultancy Projects and Activities**

- Lead Author-“Policy Analysis and Options for Action”-Kenya State of the Environment and Outlook, UNEP/National Environment Management Agency (NEMA) January –May 2011.
- Evaluation of the Institutional Strategic Environmental Assessment (I- SEA) of the Kenya Forests Act, World Bank/Sida (January-February 2010)
- Evaluation of forest sector reforms in Kenya, (March 2009).
- “Climate Change Impacts, Vulnerability and Adaptation in Kenya: The Case of DFID Programmes and Projects: An Economic and Cost Benefit Analysis of Adaptation Options” for DFID/UK. 2008/2009.
- Consultant for GTZ- Assessment of the impact of climate change on the East African Community December 2008- July 2009.
- Lead Consultant in preparation of Strategic Plan (2008-2012) for the Office of the Vice President and Ministry of Home Affairs. December 2008-March 2009.
- *Lead consultant in Lake Victoria Environmental Management Project II. The overall objective of the project was to conduct an Economic and Financial Feasibility for phase two of the project for the World Bank Financing. A joint World Bank-Lake Victoria Environment Management Programme (LVEMP) GoK project. June- December 2007.*
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technology adoption on household labour force  
evaluation Report. - Swedish International  
Development Agency (SIDA), Stockholm, October 2005.

- Assessment of resource allocative and technical efficiency among poor rural agricultural households: A comparative analysis between Kenya and Ethiopia.
- Coordinated a thematic review of past and present soil and water conservation projects in Ethiopia to document what works and what does not. Presented findings and answered questions from various stakeholders, government ministries, NGOs and donors at the Third International Conference on the Ethiopian Economy, June 2-4, 2005.
- Wrote and persuasively presented a proposal to donors on the urgent need for research and training on recycling and natural waste treatment in Addis Ababa.
- A member of a team, commissioned to undertake a study on the follow-up survey on the impact of voluntary early retirement scheme component on retirees. The overall aim of the study was to monitor and evaluate the impact of the programme (VERS) on the retiree's aspects such as socio-psychological, socio-economic and entrepreneurship skills development and recommend to the government of Kenya the feasible support systems to enhance the success of the programme in achieving the civil service reform programme. A joint World Bank-GOK funded project. March 1997.
- A member of a team of consultants commissioned by the Directorate of Personnel Management (DPM) in collaboration with the World Bank to undertake an evaluation study on the "Impact of VERS on retirees' socio-economic life after retirement". This involved data collection, data analysis, and report writing. August - November 1995

**Environmental Economics Policy Forum for Ethiopia (EEPFE), Addis Ababa, Ethiopia,  
Research Fellow: *March-June, 2005***

Coordinating a mid term review of past and present soil and water conservation projects in Ethiopia to document what works and what does not. Supervisor- Prof. Gunnar Köhlin.

**Royal Swedish Academy of Sciences**

**Beijer Institute for Ecological Economics**

***January – September 1999***

**Visiting Researcher-**

Under this appointment supported by the Swedish Institute, Mr. Wilfred Nyangena worked on a Collaborative project on poverty environment nexus. This involved extensive modeling and discussion on poverty- environment and political economy linkages in Kenya. There was extensive feedback and interaction from staff at the Beijer Institute. Supervisor- Prof. Karl-Goran Mäler.

**Participation in Technical Workshops/ Short Courses**

Programs: Economic Policy Research Institute (South Africa), Wageningen University (Netherlands) and University of Cape Town.

Ex-Post and ex-ante livelihood impact analysis of shocks: International Food Policy Research Institute(IFPRI), 9-20<sup>th</sup> March, 2009. Washington DC.

Review of Microeconomics syllabi for CMAP and CPP, African Economic Research Consortium (AERC) September, 2008, Arusha. Served as Chair for the group.

Review of papers on Natural Resource Management and Climate Change for the 20<sup>th</sup> anniversary of capacity building in Economics in SSA for sub-Saharan Africa. 15-17<sup>th</sup> September, 2008.

Review of Environmental and Natural Resource Economics syllabi for CMAP and CPP, African Economic Research Consortium (AERC) May, 2007, Nairobi.

Updating of Microeconomic reading list for CMAP and CPP, African Economic Research Consortium (AERC) July, 2007, Nairobi.

Game Theory and Information Economics retooling course, African Economic Research Consortium (AERC) February, 2006, Nairobi.

Computable General Equilibrium Modelling (CGE), Norwegian University for Agricultural Sciences, Ås, August 2003.

Nonsampling errors June, 11-17, 2003, Tallberg, Sweden organized by the Swedish Statistical Association.

Advanced Course on Poverty Analysis for Development, Institute of Economics, Copenhagen, Denmark, June 13-23, 2000.

Advanced Course on Ecological Modelling Santa Fe Institute, Santa Fe, New Mexico December, 13-20, 1998. Topics covered a variety of ecological models such models for population dynamics, ecosystem services and climate change, welfare economics and theory of economic valuation with applications to ecosystem services.

Environmental and Resource Economics Cape Town, South Africa, January, 6-17, 1997, - organized by the Beijer International Institute for Ecological Economics. Topics covered welfare economic foundations of environmental economics, theories of externalities, property rights, valuation of non-market goods, and environmental policies.

Common Property Resource Management –Ahmedabad, India June 1997, an advanced course in the management of common property resources.

#### ations

**12)** Environmental Goods Collection and Children's Schooling: Evidence from Kenya, in *Regional Environmental Change DOI 10.1007/s10113-010-168-7*.

Ogada. M, **Nyangena. W** & Yesuf, M (2010) Production risk and farm technology adoption in the rain-fed semi-arid lands of Kenya, paper accepted for publication in *African Journal for Agricultural & Resource Economics, Vol4 nr.2, June, pp 159-174*.

**W. Nyangena** & T. Sterner (2009) Social Capital and rural institutions in Kenya-Is Machakos unique? *Chinese Business Review, Vol (8)nr.10 pp.1-18*.

Mortimore, M. With contributions from S. Anderson, L. Cotula, J. Davies, K. Facer, C. Hesse, J. Morton, **W. Nyangena**, J. Skinner and C. Wolfangel (2009) *Dryland Opportunities: A new paradigm for people, ecosystems and development*, IUCN, Gland, Switzerland; IIED, London, UK and UNDP/DDC, Nairobi, Kenya.

**W. Nyangena** (2008) Social Determinants of Soil and Water Conservation in Rural Kenya, *Environment, Development and Sustainability, Vol (10) pp.745-767*.

**W. Nyangena** (2002) Perspectives on Poverty and Resource Degradation, Institute for Development Studies, University of Nairobi. Working Paper 532

A. Duraiappah, G. K. Ikiara, M. Manundu, **W. Nyangena** and R. Sinange (2000) "Land Tenure, Land Use, Environmental Degradation and Conflict Resolution: a PASIR Analysis for the Narok District, Kenya", *International Institute for Environment and Development, London and Institute for Environmental Studies, Amsterdam*. Working Paper No 33

**Nyangena, W** Contingent Valuation in Environmental Policy: A Case Study of Lake Bogoria National Reserve 1997: 4 Department of Economics, Environmental Economics Unit, Göteborg University.

#### Book Chapters

**B1. Wilfred Nyangena (ed) (2012)** "Natural Resource Management and Climate Change in Africa" 3 volumes on conference plenary papers, Natural Resources and Climate Change; *AERC publication*

**B2.** "Agricultural Investment and Productivity in East Africa" in Bluffstone, R and Kohlin, G., (2011) *Agricultural Investment and Productivity in East Africa*; RFF & Earthscan

**B3.** "Economic Processes and Poverty in Kenya" in Ng'ethe, N and Omosa, M., (2010) *Drivers and Maintainers of Poverty in Kenya- A Research Agenda*; IDS Occasional Paper No. 73, Institute for Development Studies.



ts of Land Markets in Kenya” in Otsuka, K., Place, F.,  
*Emergence of Land Markets in Africa*, RFF Press,  
Washington, USA.

**B5.** “Economic Issues for Environmental and Resource Management in Kenya” in  
Okidi, C.O, Mbote, P and Akech, M (eds) (2008) *Environmental Governance in Kenya:  
Implementing the Framework Law pp.61-89 East African Educational Publishers,*  
Nairobi.

**B6.** G.K. Ikiara, M.I.Muriira and **W. Nyangena** (2001) “Kenya’s Trade in Services:  
Should the Country Fully Liberalize? In Robert M. Stern *Services in the International  
Economy* The University of Michigan Press.

**B7.** “Socio-Economic and Land Use Indicators” in S.K. Mutiso, D.A. Obara, E.K.  
Muchunga, **W. Nyangena**, A.M. Chege and F.M. Munene (1997) *National Land  
Degradation Assessment and Mapping in Kenya, Government of Kenya, Royal  
Netherlands Government and United Nations Environment Programme.*

**B8.** “Political and Practical Constraints to Joint Implementation in Kenya” in R.S.Maya  
and J. Gupta (1996) *Joint Implementation: Carbon Colonies or Business  
Opportunities? Weighing the odds in an information vacuum*, Southern Centre for  
Energy and Environment.

#### *Recent Conference Proceedings*

C1. “Social capital and institutions in Kenya: Is Machakos unique?” Proceedings of  
International Conference European Association for Environmental and  
Resource Economics (EAERE), Budapest Hungary (June 22-26, 2004).

C2. “Determinants of SWC Conservation in Rural Kenya” Proceedings from The 3<sup>rd</sup>  
Workshop on Sustainable Natural Resource Management, Hangzhou,  
China (January 8-10, 2005) organized by the Chinese Academy of  
Sciences and Peking University.

C3. “Economic Assessment of SWC Technology Adoption” Proceedings of the  
Ethiopian Economics Association Annual Conference, Addis Ababa May,  
31-June, 3, 2005.

C4. “Participatory forestry in Kenya” Proceedings of a Policy Workshop on Increasing  
Forest Cover in Ethiopia, Global Hotel, Addis Abeba, 18-19 September 2007.

C5. “Climate Change and Adaptation in Kenya” Sustainable Land Management  
Workshop in Eastern Africa, Environmental Economics Policy Forum,  
Addis Abeba, April 12-14, 2007

ra" Proceedings of a Policy Workshop on Increasing  
Hotel, Addis Abeba, 18-19 September 2007.

- C7. "Economic Assessment of Soil and Water Conservation Investments: An application to crop yield in Kenya" Economic Development in Africa, Centre for the Study of African Economies (CSAE conference 2008), Oxford, March 16-19, 2008.

#### Research Reports

R1. "Climate Change Impacts, Vulnerability and Adaptation in Kenya: The Case of DFID Programmes and Projects: An Economic and Cost Benefit Analysis of Adaptation Options" for DFID/UK

R2. "Economic assessment of the role of the environment and renewable natural resources in economic growth and poverty reduction in Kenya", for UNDP/ Ministry of Planning and National Development.

R3. "The Lake Victoria Environmental Management Project /National Economic and Financial Analysis of LVEMP II" for Ministry Of Environment and Natural Resources/World Bank.

R4. "Economic Impacts of Climate Change in East Africa", for GTZ and East African Community with Josef Seitz. January 2009

R5. "Land Governance in Support of the MDGs: Responding to new challenges," for World Bank, Washington DC March 2009.

#### *Journal referee*

Environment Development Economics (EDE),  
Ecological Economics (EE),  
Ethiopian Journal of Economics,  
UNRISD journal  
Ambio

#### *Other refereeing*

International Foundation for Science (IFS) research proposals, EAERE papers,

#### *Book reviews*

Kinyanjui, M. N., and Khayesi, M (2006) *Social Capital and Urban Development in East Africa*, CODESRIA.

**REFEREES** (Available upon request)