



**UNIVERSITY OF NAIROBI**  
**DEPARTMENT OF AGRICULTURAL ECONOMICS**  
**ANNUAL REPORT 2012/2013**

The following are numbers of students who graduated from the Department with Masters of Science Degree:

<b>YEAR</b>	<b>NO. OF STUDENTS</b>
2008	4
2009	6
2010	11
2011	20
2012	13

The graduation rate has been increasing over the years and so has been the enrollment rate.

### **TEACHING PRACTICE**

The first teaching practice for 27 students of third years Bachelor of Science in Agricultural Education and Extension started on 7<sup>th</sup> May, 2012 and ended August 2012. They did their Farm practice between February to April and immediately after proceeded to teaching practice where they were deployed in secondary schools.

### **CMAAE STUDENTS 3<sup>RD</sup> TERM**

For the first time the Department organized the teaching of CMAAE students during the third semester starting 3<sup>rd</sup> September 2012. The MSc- CMAAE students who did not go to the shared facility at the University of Pretoria South Africa were enrolled to do units offered in South Africa. All the students passed.

### **THE SHARED FACILITY FOR SPECIALIZATION AND ELECTIVES**

The 7<sup>th</sup> cohort of CMAAE students who came from the shared facility undertaking their electives and specialization at the University of Pretoria South Africa also sat for their GRE examinations. There were 19 students. All the students passed their course work except one who was unable to do exams but has now done special/supplementary and passed. The students are all in the field for data collection as most of them have submitted their proposals to the BPS.

The 8<sup>th</sup> cohort (2012/2013) has 24 students. The students have successfully completed their first semester and are now in their second semester. Only 15 students out of the 24 students will go to the shared facility at the University of Pretoria. The Departmental graduation rate so far is 71% for male and 30% for female.

In the 7<sup>th</sup> cohort (2011-2012) academic year, the number of Non-Nationals in the Department was 11 and Nationals were 15.

### **ACADEMIC FIELD TRIPS**

Dr. Wangia, Dr. Nzuma, Dr. Nyikal, Prof. Mbatia organized academic trips for the Departmental students as follows: Trips were made to Magadi on 15/2/2013; Narok 18/1/2013; Keroche Industries 19/1/2013.

### **STAFF EXCHANGE PROGRAMME**

CMAAE implemented staff exchange programme to enable scholars from participating departments to visit other universities across the SSA and beyond and share their knowledge and experiences as part of contributing to agricultural development in the region.

### **ACADEMIC PROGRAMS IN THE DEPARTMENT OF AGRICULTURAL ECONOMICS**

1. BSc. Agribusiness Management
2. BSc. Agricultural Education and Extension
3. MSc. Agricultural Economics
4. MSc. Agricultural and Applied Economics
5. MSc. Agricultural Information Communication and Management
6. PGD Agricultural Information Communication and Management
7. Certificate in Agricultural Information Communication and Management

PhD is by research available in the above programmes.

#### **Number of students admitted into each of the above programs in 2012/2013.**

	<b>COURSE</b>	<b>NO. OF STUDENTS</b>
1.	BSc. in Agribusiness Management	31
2.	BSc. in Agricultural Education and Extension	32
3.	MSc. in Agricultural and Applied Economics	24
4.	MSc. in Agricultural Information Communication and Management	13
5.	PhD students in the Department	14

#### **NUMBER OF STUDENTS WHO GRADUATED IN THE DEPARTMENT:**

1. Undergraduate (BSc)
  - BSc. Agriculture Education and Extension – 26
  - BSc. Agribusiness Management - 27
  - BSc. Agriculture Economics Major - 14
  - 67
  
2. Masters (MSc)
  - MSc. in Agricultural and Applied Economics – 6
  - MSc. in Agricultural Information and Communication Mng. – 5
  - MSc. in Agricultural Economics - 2
  - 13

Total 80

## **SKILLS ENHANCEMENT COURSES**

The following skills enhancement courses were held during the year

### **CMAAE:**

1. Further Training in CMAAE, African Economic Research Consortium: Monitoring visit to the Department of Agricultural Economics, Thursday, July 05, 2012.
2. Training Skills in Curriculum Develop and Review. 21<sup>st</sup> CMAAE Academic Board Meeting held at the Gorillas Golf Hotel, Kigali, Rwanda Friday, January 25, 2013.
3. Thesis dissemination workshop (Kenya) Sarova Panafric Hotel, Nairobi, Kenya – Wednesday, July 4, 2012.
4. Two lecturers identified for CMAAE curriculum review.
5. Prof. Ackello-Ogutu identified for CMAAE mid-term curriculum review in 2013.

## **BSC. IN AGRICULTURAL EDUCATION AND EXTENSION**

1. Dr. Fred I. Mugivane BSc. in Agricultural Education and Extension workshop held twice in Naivasha October 2012 and February 2013.

Records Management attended by the Secretary at Main Campus.

Customer Care attended by the Secretary and the Receptionist at Clinical Studies Department in the College of Agriculture and Veterinary Sciences (CAVS).

## **EXTERNAL EXAMINERS**

Dr. Job Kibiwot Langat from Egerton University, Kenya. Dr. Langat is an Agricultural Economist and has just been promoted to Associate Professor (as from March 2013).

## **RESEARCH ACTIVITIES**

1. Dr. Jonathan Nzuma, Food Price Trends Analysis and Policy Options for Enhancing Fodd Security in Eastern Africa Funded by ASARECA countries March 2012 – October 2013. Total Grant \$ USD 72,395.

## **PUBLICATIONS**

1. Daniel Odero, J. Mburu, C. Ackello-Oguturu and J. H. Nderitu (2012), Competitiveness of Small Holder Snap Bean Production in Kirinyaga County, Kenya. International Review of Business and Social Sciences Vol. 2, No. 1:49-65.
2. John Gachigi, E. Kangai and J. Mburu (2012). An Evaluation of Dynamism in Compliance with Global Gap Standards among Horticultural Smallholder Farmers in Kenya. Paper presented to the Deutsche Tropentag Conference, Goettingen, Germany, 19 – 21 September 2012.

### **WORKSHOPS/CONFERENCES**

1. Dr. Nyikal Rose, Dr. Jonathan Nzuma, Dr. Jakinda Otieno, Prof. Willis Oluoch-Kosura, Conference attended: August 2012, “International Association of Agricultural Economists: IN BRAZIL, FOZ DU IGUACU.
2. Prof. Oluoch-Kosura, Dr. Nyikal Rose, Dr. Jakinda attended conference: October 2012, “African Farm Management Agricultural Association.
3. Dr. Jonathan Nzuma, conference on the political economy of food prices, Cornell University, Ithaca, New York, USA.
4. The Futures Agriculture Conference, Pretoria, South Africa – March 2013.
5. Dr. J. J. Okello and Mr. Kelvin Shikuku, workshop title “Application of PGIS in Natural Resource Management in Kenya.
6. Dr. Fred Mugivane and Mr. Kelvin Shikuku, September 2012, Plant Clinic Training workshop.
7. Dr. John Mburu, DRIVLIC-Kenya Project Final Results’ dissemination workshop, Jan 21-23, KARI HQS, Nairobi.
8. Dr. John Mburu Capacity Building on Environmental Impact Assessment in Dadaab 26-29<sup>th</sup> March 2013.

### **THESIS**

#### **6<sup>th</sup> Cohort – 2010 Admissions**

<b>NO.</b>	<b>NAME AND REG. NO.</b>	<b>MSC. THESIS TITLE</b>
1.	Mwita Samwel Wambura A56/60109/2010	Profit Efficiency of Sweet Potato Farmers in Kuria West District, Kenya
2.	Nobert Tuyishime A56/60401/2011	An Assessment of The Transmission of International Prices into Rwanda’s Rice Markets
3.	Mbugua Mercy Wanjiru A56/60402/2011	Analysis for Demand For Layers’ Antibiotics in Kiambu County, Kenya
4.	Moni Alfred Ngula A56/60403/2011	An Assessment of Consumption Patterns of Five Major Meat Types in Kenya.
5.	Kabanda N Jean Victor A56/60404/2011	An Analysis of the Trade Effects of the East African Customs Union on Agricultural Intra-regional Trade.
6.	Kaseva Damaris Mwikali A56/60405/2011	An Assessment of the Optimal Agroforestry Enterprise Mix Under Production Risk in Mbooni District, Kenya.
7.	Kelvin Mashisia Shikuku	Assessment of Urban and Peri-Urban Farmers

	A56/60406/2011	Perceptions and Demand for Organic Fertilisers: The Case of Peepoo Fertiliser in Nairobi, Kenya.
8.	Omondi Samwel Onyango A56/60407/2011	Valuation of Irrigation Water in Kenya.
9.	Sangwa Silvie A56/60409/2011	An Assessment of Factors Influencing Non-adoption of Biogas Technology in Rural Households in Rwanda.
9.	Kurgat Samson A56/60410/2011	Spatial Price Transmission and Asymmetry in Kenya's Maize Market.
10.	Nthambi Mary A56/60411/2011	An Economic Assessment of Household Solid Waste Management Options in Kibera Slum, Kenya.
11.	Mutinda Rhoda Kakuti A56/60465/2011	Estimation of Optimal Livestock Mix for Sustainable Profits in Thika District, Kenya.
12.	Mutisya Tabitha Nduku A56/63895/2010	A Cost and Benefit Analysis of Cereal Banks in Bungoma.
13.	Ariane Zingiro A56/60408/2011	An Assessment of the Impact of Water Harvesting Technologies Adoption on Households' Farm Income in Rwanda.
14.	Njuguna James Kamau A56/64194/2010	The Impact of Export Ban on Raw Nuts on Macadamia Marketing, A Value Chain Analysis.
15.	Mutua Mercy Muli A56/64447/2010	An Estimation of Supply Response to Price and Non-price Factors in Kenya's Sugarcane Production.
16.	Mutuku Judith Mutheu A56/64711/2010	Impact of World Food Programme's Purchase for Progress Pilot Project on Farmers Incomes in Kenya.
17.	Kariuki Sarah A56/64758/2010	An Impact Assessment of the Treadle Pump Technology on the Welfare of Farmers in Bungoma County, Kenya.
18.	Maritim Wesley Kiptoo A56/64864/2010	Determining Socially Optimal Rotation Length in State-Managed Plantation Forest, A Case of Londiani Zone Forest in Kenya.
19.	Ogotu Sylvester Ochieng' A56/65277/2010	Impact of Participating in ICT Based Market Information Service Projects on Smallholder Farm Input Use and Farm Productivity.
20.	Mugabekazi Divine A56/65541/2010	An Evaluation of Economical and Financial Performance of Dry Coffee Processing Firms in Huye District, Rwanda.
21.	Musafiri Emmanuel A56/65542/2010	The Impact of One Cow Per Poor Household Programme on Food Security in Huye District in Rwanda.
22.	Nirere Sylvie A56/66165/2010	Assessment of Farmers' Willingness to Pay for the Protection on Nyabarongo River System, Rwanda

## **KEY VISITORS TO THE DEPARTMENT**

1. Innocent Matshe – AERC Milimani Rd. Nairobi.
2. George Owuor – AERC
3. Tom Mmani – Manager Training AERC
4. John Murimi – Finance Manager AERC
5. Jacqueline Sunday Otieno – Programme Accountant CMAAE – AERC
6. Joyce Isiaho – Programme Administrator CMAAE – AERC
7. Fraser Norton – CABI Wallingford, UK
8. Duncan Chacha – CABI in Africa
9. Abigael Mchara – CABI in Africa
10. Jevs-Peter Barnecow Lillesu – Denmark, University of Copenhagen
11. Bob Woodmansee – Colorado State University
12. Jojoh Faal – Enda LEAD Africa, Dakar, Senegal
13. Dr. Mbaye Dieng – Enda Lead Africa, Dakar, Senegal
14. Timothy Maongu – T.P. Office CEES
15. Dr. Justus O. Inyega – T.P. Office CEES
16. Dr. Melanie Robertson – Africert Ltd.
17. Susan M. Wambugu – Africert Ltd.
18. Tabitha Karimi – Africert Ltd
19. Henrin Egelyny – IFRO, University of Copenhagen
20. William Lyakurwa – ED, AERC
21. Julia Wernersson – University of Gothenburg, SWEDEN

## **OUTREACH ACTIVITIES/COMMUNITY SERVICE**

### **1. COLLABORATIONS IN CAPACITY BUILDING**

*October – November 2012:* Members of the Department who teach Agribusiness Management courses [Dr. Julius Okello, Dr. David Jakinda, Dr. Rose Nyikal, Dr. Sabina Wangia, Dr. Jonathan Nzuma] and Chairman of the Department [Dr. Fred Mugivane] participated in a Committee appointed by the Dean, Faculty of Agriculture to develop a **Certificate Course in Agribusiness Management for STVS college in Somaliland**. This was in response to a formal request from international development partners.

### **2. RESEARCH OUTREACH ACTIVITIES**

- *June - July 2012:* Dissemination workshops for results of research on agricultural commercialization and food security in Eastern Africa. Collaborative workshop between University of Nairobi and the Food and Agriculture Organization of the United Nations (FAO) were held in Nairobi [organized by Dr. Julius Okello].
- *July 2012:* Focus Group Discussions were held with local community members and agriculture leaders in Tana Delta as part of participatory planning stakeholder meetings for a research project on Foreign Land Investments. The meetings were organized by Dr. David Jakinda.

- *August 2012*: Several members of staff attended and presented research papers at the International Conference for Agricultural Economists (ICAE) in Brazil. Those who participated from Agribusiness Programme were Dr. Rose Nyikal, Dr. David Jakinda, Prof. Willis Oluoch-Kosura, Prof. O.L.E. Mbatia, and Dr. Jonathan Nzuma.
- *September 2012 – February 2013*: Stakeholders' planning meetings on livelihood diversification were held in Kakamega as part of collaborative research between University of Nairobi, Lund University and local agricultural institutions in Western Kenya [lead staff was Prof. Willis Oluoch-Kosura].
- *November 2012*: Several members of staff participated by presenting research papers on agribusiness and policy, or by chairing sessions at the Africa Farm Management Association (AFMA) Congress in Nairobi. The Agribusiness staff who participated were Dr. Rose Nyikal, Dr. David Jakinda and Prof. Willis Oluoch-Kosura.
- *December 2012*: Focus Group Discussions were held with community members and food safety officials in Kisumu as part of preparatory planning meetings for a research project on Food Safety and Quality. The meetings were organized by Dr. David Jakinda and Dr. Rose Nyikal.

### **3. PUBLIC POLICY ADVISORY SERVICES**

Members of the Agribusiness Management Programme participated in the review of various national and international policy reports on agribusiness and agricultural policy. A few are listed below:

- *November 2012 – January 2013*: Dr. David Jakinda and Dr. Jonathan Nzuma reviewed Working Papers on Agribusiness and Food Security, for the Kenya Institute for Public Policy Research and Analysis (KIPPRA)
- *January – March 2013*: Prof. Willis Oluoch-Kosura contributed to review of policy documents by the FAO

### **4. STUDENT INDUSTRIAL ATTACHMENT**

Third year Bsc. Agribusiness Management students usually complete a full semester [Year 3 Semester two] on Industrial/Field Attachment in different parts of Kenya. In the last academic year, students were attached in Agribusiness Firms and Companies dealing with Agricultural Marketing/Market Information [e.g., M-Farm, Eastern Africa Grain Council],



Regional Agriculture and Environment [e.g., Arid Lands Information Network], Agricultural Processing [New KCC, Tea Companies, DelMonte], financial institutions for example the Rural Finance Department of Equity Bank, Agricultural Research Institutions such as the Kenya Sugar Research Foundation, and various Farmer Field Schools across the country. Teams of Agribusiness staff normally visit the students after two months of attachment to assess their progress, and obtain useful feedback for improvement of the attachment programme as well as other aspects of the entire Agribusiness Management training. Stakeholders have so far expressed satisfaction with the quality of training offered in the Agribusiness Degree Course. The Agribusiness Management Programme is currently being led by Dr. David Jakinda, and various members of staff are usually requested to perform the assessment in different parts of the country each year.

### **TEACHING FACILITIES ACQUIRED DURING THE YEAR**

- 3 LCDs
- 2 Laptops
- Tonner
- Books donated by Dr. Karugia through ILRI.
- Expanded internet connectivity.
- A lecture room on first floor 8.4.4 building.
- Proposals, theses and dissertation preparation room.

### **LINKAGES ESTABLISHED**

1. Thunen Institute (MA) – Bundesallee 50.38116 Braunschweig/German  
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Through Dr. Jonathan Nzuma of Department of Agricultural Economics

2. AERC – P.O. Box 62882 – 00200 Nairobi, Kenya  
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Fax (+254 20) 2734170 or 2734173  
[www.aercafrica.org](http://www.aercafrica.org)
3. Shenggen Fan  
Director General – IFPRI  
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Tel: +1 202 862 6496 Fax: +1 202 467 4439  
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[www.ifpri.org](http://www.ifpri.org)

Through Chairman Department of Agricultural Economics – Dr. Fred Mugivane and Prof. Willis Oluoch Kosura.

4. LUND UNIVERSITY (SLU) Swedish University of Agricultural Sciences and Department of Agricultural Economics – Through Prof. Willis Oluoch-Kosura of the Department of Agricultural Economics.

#### **DEPARTMENTAL COMMITTEES/MEMBERS**

1. Postgraduate Committee  
Prof. O. L. E. Mbatia
2. Timetabling Committee  
Dr. Kimpei Munei
3. Education Trip Committee  
All Staff Members
4. Industrial/Field Attachment Committee  
Dr. Kimpei Munei  
Dr. David Jakinda  
Dr. Rose Nyikal  
Dr. Sabina Wangia  
Dr. Fred Mugivane
5. Show and Exhibition Committee  
Dr. David Jakinda  
Mr. Hillary Nyang'anga  
Ms. Edna Mutai Moi
6. Field Station Advisory Committee  
Dr. Rose Nyikal  
Dr. Jonathan Nzuma
7. Tree Planting Committee  
Dr. Fred Mugivane  
Dr. Cecilia Ritho
8. Curriculum Review Committee  
Prof. Chris Ackello-Ogutu  
Dr. Rose Nyikal  
Dr. David Jakinda  
Dr. Fred Mugivane

9. Examination Committee  
Dr. Fred Mugivane  
Dr. David Jakinda

10. Business Unit Committee  
Dr. Jonathan Nzuma  
Dr. Rose Nyikal  
Dr. David Jakinda

11. Welfare Committee  
Dr. Sabina Wangia  
Dr. Fred Mugivane  
Dr. Jonathan Nzuma

12. Research, Publications and Seminar Committee  
Prof. Chris Ackello-Ogutu  
Dr. Rose Nyikal  
Dr. Cecilia Ritho  
Dr. Fred Mugivane  
Dr. Jonathan Nzuma

### **MEMBERS OF STAFF IN THE DEPARTMENT**

#### **LIST OF STAFF MEMBERS 2012/2013**

<b>NO.</b>	<b>NAME</b>	<b>DESIGNATION</b>
1.	Dr. Fred I. Mugivane	Chairman & Senior Lecturer
2.	Prof. Willis Oluoch-Kosura	Professor
3.	Prof. Stephen Mbogoh	Associate Professor
4.	Prof. Chris Ackello-Ogutu	Associate Professor
5.	Prof. O. L. E. Mbatia	Associate Professor
6.	Dr. John Mburu	Senior Lecturer
7.	Dr. Rose Nyikal	Senior Lecturer
8.	Dr. Sabina Wangia	Senior Lecturer
9.	Dr. J. J. Okello	Senior Lecturer
10.	Dr. Patrick Irungu	Lecturer
11.	Dr. Jonathan Nzuma	Lecturer
12.	Dr. Kimpei Munei	Lecturer
13.	Dr. Cecilia Ritho	Lecturer

14.	Dr. David J. Otieno	Lecturer
15.	Jennifer Kung'u	Assistant Secretary
16.	Dorothy Mkakisha Nyambu	Receptionist
17.	Edna Moi	Enumerator
18.	Alfred Mulei	Driver
19.	Joshua Muraya	Cleaner
20.	Tobias Ajigo	Cleaner
21.	Omar Komora	Cleaner

### **STUDENTS ORGANIZATIONS**

#### ***BSc. Agricultural Education and Extension (AGEDESA)***

Chairman - Osoro

Vice Chairman - Duncan Saisa

Secretary General - Peter Njonje

Organizing Secretary - Catherine Nyambura

2<sup>nd</sup> Year Class Representative: Macharias Okeyo Ouma

3<sup>rd</sup> Year Class Representative: Simon Karira Kimara

4<sup>th</sup> Year Class Representative: Kevin Mariita