

# Contribution of the CMAAE- AERC Program in Building Capacity for Land Policy Analysis and Administration

*Prof. Willis Oluoch-Kosura*

*CMAAE-AERC, Nairobi*

# Outline

- The CMAAE Program
- Background
- Channels of Contribution
- Masters Training
- Research
- Outreach
- Land Issues in the curriculum
- Sample student's thesis titles

# The CMAAE PROGRAM

- The CMAAE is a network of 16 university departments
- Program responds to Africa's big agenda of achieving at least 6% growth rate p.a.
- CMAAE is Home-Grown, locally driven and designed for relevant knowledge and skill development and application
- It is a product of a detailed consultative planning exercise

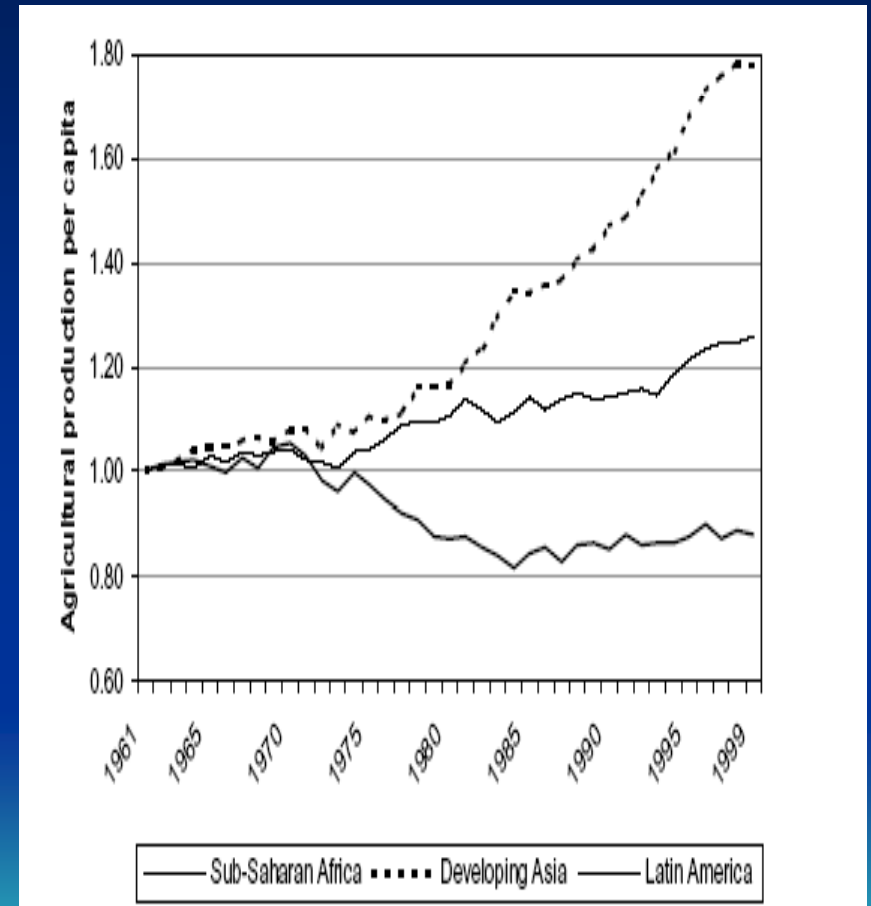


# Program goal

- To strengthen capacity for agricultural policy analysis and research through training to facilitate evidence based policy formulation and implementation in the Eastern, Central and Southern Africa region to begin with.

# Background

- Increasing Agricultural Productivity and Competitiveness key to achieving the first MDG
- Africa the only region where Ag productivity has been declining, poverty depth and breadth increasing and poverty traps rampant over the last four decades.
- Agricultural growth fundamental to growth and poverty reduction in the continent



# Background, Cont...

- Africa's big agenda will not be achieved if there is no rapid agricultural income growth and competitiveness
- Land is the dominant factor of production
- Efficient and effective land policies and administration critical in achieving overall sustainable growth and development in the region
- Addressing Infrastructure, incentive structures; inappropriate technologies; Inefficient input and product markets; Weak institutions; Lack of credit markets; and production uncertainty/risks also important

# The CMAAE Vision of Africa's Green Revolution



CMAAE

# The CMAAE network and the economy

## *The CMAAE Network*

Masters training, Research, Outreach, and building capacity of network departments

*Research outputs of CMAAE, disseminated via journals, workshops, conferences, discussion papers, occasional papers, etc contribute to policy formulation. Various policy considerations can also be researched on to ascertain the best option. Program also builds capacity for policy research and formulation through MSc. training and mentoring.*

*Policies suitable for local conditions formulated. End users also give feedback on these policies to researchers.*

*Policy decision making/formulation*

*Policies that enhance economic growth*

*End users (Commodity value chain practitioners.)*

CMAAE

# Channel of contribution

- The network's contribution is through four key activities:
  - ✓ Masters training in Agricultural and Applied Economics;
  - ✓ Research;
  - ✓ Outreach; and
  - ✓ Building capacity of network departments to offer relevant and quality training

# Masters training

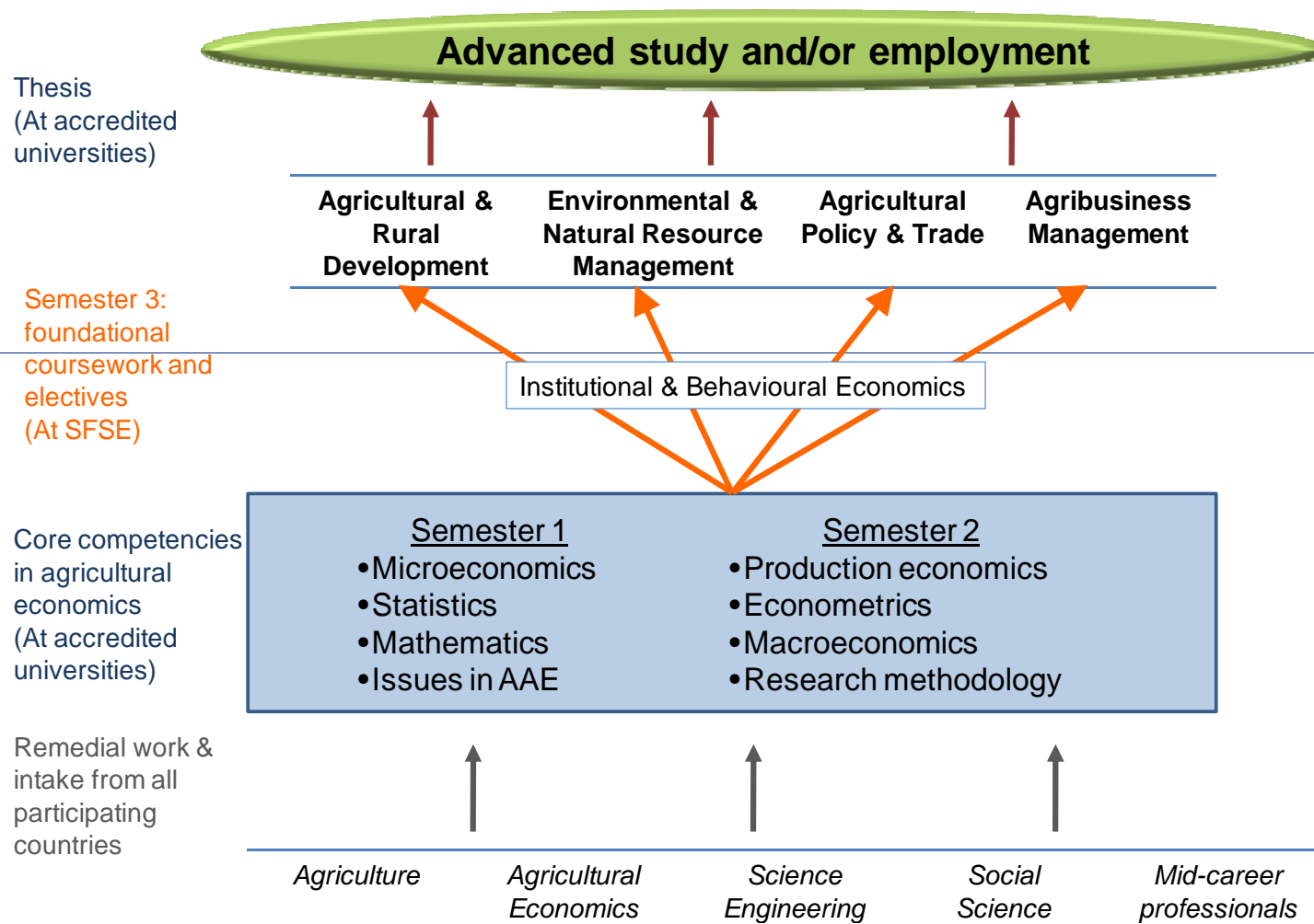
- 3 semesters of courses plus a thesis, all to be completed over five semesters lasting 24 months
- Program offers a range of demand driven elective subjects in four fields (SFSE):
  - ✓ Agriculture and Rural Development;
  - ✓ Agricultural Policy and Trade;
  - ✓ Agribusiness Management; and
  - ✓ Environment and Natural Resource Management.

# Masters training, Cont...

- ✓ All the CMAAE students take a course in **Institutional and Behavioural Economics**
- ✓ The program also benefits from established networks, like CGIAR, WBI and NARS to incorporate knowledge generated from research into curricula



# Structure of the MSc training



# Research activities

- Program currently engages in research at two levels:
  - ✓ Students thesis
  - ✓ Network Faculty Research

# Outreach Activities

- Dissemination of Research Findings:
- Policy Briefs
- National and International Workshops and Conferences
- Consultations with stakeholders on curriculum content and delivery mechanisms

# Land issues in CMAAE Curriculum

## Land Tenure Arrangements and effects on Productivity and Sustainability

- Access, use, control and management of land influence investment on land and productivity and environmental sustainability
- Issues of share cropping arrangements and property rights are covered under the different CMAAE courses

## Foreign Direct Investments on land for food and cash crop production

- CMAAE courses seeks to address the proliferation of foreign investment in agricultural land
- The courses try to analyze the implications of this trend for sustainable development

# Land issues in CMAAE Curriculum Cont...

## Land Use Patterns and effects on Environment and Natural Resource Base

- Assessments for best land use practices under particular environments are covered under this theme

## Scale and size issues in land management and sustainable development

- Survival of smallholder farms in the face of globalization
- Identification of policies which create incentives for value addition and linking farmers to input and output markets to raise farm incomes
- Ways of providing affordable and accessible credit

# Land issues in CMAAE Curriculum Cont...

## Population growth, Intensification of production and environmental concerns

- Transformation of agriculture from subsistence to commercialized farming holds the key to achieving desired development
- In this module, issues of fragmentation and miniaturization of land are covered as well.
- Resource use conflicts arising out of population pressure on land and other resources such as water and forestry and avenues of conflict management and resolution are explored.

# Land issues in CMAAE Curriculum Cont...

## Links between Poverty Traps, inequality and land concentration

- Access to productive resources especially land critical in Poverty trap escape
- Land Concentration to be avoided:
- Reduce inequality of access: Policies of Minimum and maximum size of holdings
- **Contract Farming and Smallholder Agriculture**
- Promotes Commercialization through the value chain

## Land issues in CMAAE Curriculum Cont...

- **PPP Partnership Land Utilization and Environment**
- Sharing Costs of investment in infrastructure through PPP attractive
- Minimizing human –wildlife conflict in resource use
- **Conditions for Effective Land Markets**
- Tenure Conversion to freehold: Registration and titling

## Land issues in CMAAE Curriculum Cont...

- **Land Reforms for Sustainable Development**
- Land Use efficiency and equitable Distribution the key:
- Avoid Land Concentration and conversion of land to non-agricultural uses
- Employ fiscal measures to ensure efficient use of arable land.

## Sample Students Theses covering Land Poverty and Environment

	Name of Student	Nationality	Proposal Topic
1	Millicent Olunga	Kenya	An assessment of factors affecting sustainable forest management in Lower Tana River, Kenya
2	Njiraini Georgina Wambui	Kenya	An assessment of water use efficiency and collective action in Lake Naivasha Basin, Kenya
3	Mulenga Brian Pingulani	Zambia	Contribution of Forest Products to Household Welfare Around National Parks in Zambia: A Case Study of South Luangwa Game Management Area
4	Kibirige Douglas	Uganda	Land Ownership Security and Farm Household Productivity in Selected Districts of Central Uganda
5	Karangwa Mathias	Rwanda	Land fragmentation and technical efficiency in southern Rwanda

## Sample Students Theses covering Land Poverty and Environment cont...

6	Kariuki Daniel Kagwe	Kenya	Analysis of the effect of land tenure on technical efficiency in smallholder crop production in Kenya
7	Artwell Gonese	Zimbabwe	Economic Impact of Global Climate Change on Southern Africa Agricultural Systems: A Pooled Ricardian Approach
8	Sikei, Geophrey Omondi	Kenya	The Effect of Wood Fuel Scarcity on On-Farm Labour Allocation. The case of rural households adjacent to Kakamega forest, Kenya.
9	Moses H Lubinga	Uganda	Policy Options in Conservation of Wetlands: A case of Pallisa District, Uganda
10	Isoto Rosemary Emegu	Uganda	<i>The Impact of an Environmental Disamenity on Value of Land in Central Uganda</i>
11	Alobo Sarah	Uganda	Land tenure systems and the effects on the value of agricultural land

# Emerging Issues on Land policy and Administration

- Comments Invited on Emerging issues to include in the Curriculum under review.

- Thank You

CMAAE