

# The Future of Agriculture and Food Nutrition Security in Africa Conference 2013

'As in the rest of the continent, developing Africa's breadbaskets depends on improving the productivity, profitability and sustainability of smallholder farmers; the majority of them of them women. Feeding the majority of the poor and vulnerable populations in Africa, while preserving the natural resource base and the environment, is one of the most pressing development challenges of the century' Kofi Annan: former UN Secretary General; on food security

17<sup>th</sup> – 19<sup>th</sup> September 2013



## Why attend?

- Strengthen and Develop African Women's Programmes in Agriculture and Rural Development.
- Discuss how best to incorporate smallholders into value chains to promote agricultural and rural development.
- Explore Opportunities and Challenges for Using ICTs in African Agriculture
- Promote Agribusiness Initiatives among Smallholder farmers in rural Africa.
- Identify conditions necessary to create a broader and more solid knowledge base for the promotion of sustainable agricultural value chains
- Discover best practices and lessons learned from leading organizations around South Africa, and the region, in a dynamic environment.
- Promote Research into how climate change alter agricultural strategies to support food security and nutrition in Africa
- Design Strategies for Commercializing Smallholder Agriculture in Africa.
- Suggest Research Priorities for Food Security and Nutrition Adequacy in Africa

## OUR SPEAKERS

- **Prof Salome Mutayoba-Associate Prof; Animal Breeding and Livestock: Sokoine University of Agriculture Tanzania**
- **Dr Karabo Mabe (PhD)-HOD: Agricultural Economics and Extension; Faculty of Agriculture, Science and Technology. North West University**
- **Dr Emmanuel Mwendera-Programme Manager; Soil and Water Science, South Africa Agriculture Research Council (ARC)-Institute for Soil, Climate and Water**
- **Mrs. Sabina Khoza Managing Director; Fair Deal Agricultural Training Centre Gauteng Region; South Africa Formerly; Gauteng Women Farmer of the Year**
- **Dr Mitsuru Tsubo-Programme Manager; Agro Climatology ARC-ISCW**
- **Dr Nicholas Ozor-Senior Research Officer African Technology Policy Studies Network (ATPS) Nairobi; Kenya**
- **Dr Hans Balyamujura General Manager; Agri Business ABSA Retail and Business Bank**
- **Prof Mandi Rukuni MD; International Business Service Consulting (Zimbabwe) Director; and Founder; Wisdom Africa Leadership Academy Formerly; Director; Africa Programs: W.K. Kellogg Foundation**

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## Conference Overview

Africa is blessed with unique regions characterized by good soils, adequate rainfall, basic infrastructure and large numbers of smallholder farmers. These are Africa's breadbasket areas where there exists tremendous potential to increase farmer productivity as well as implement ideas and solutions that if successful could be scaled up in other countries. Recent research has revealed that the population in Africa is expected to double by 2050, and African nations will have to double their food production just to keep pace with population growth. However, in the last 20 years, food production in Africa has lagged behind population growth, and the source of the problem has been low productivity on Africa's farms. Smallholder agriculture must be a central investment focus in order to support broad-based poverty reduction and food and nutrition security. In order to succeed in supporting broad-based poverty reduction and food and nutrition security, gender must be a priority. In light of this, one main message of the conference is the development of African Women's programmes in agriculture.

This unique conference will bring together agricultural experts, and policy makers, based within and outside of South Africa to foster scientific collaborations with the potential to create new pathways out of poverty for African farming families by addressing issues related to the crops and livestock on which they depend. The gathering will, also, discuss how mobile access can help to improve the living standards of farmers, enhance their productivity and meet the challenges of a modernized agriculture. Have your say in how to establish a dynamic and enabling environment where ICTs for agriculture can flourish and be part of the debate as we discuss topics such as; commercializing smallholder agriculture, developing African Women's programmes in agriculture, agriculture value chains, In addition to learning about agriculture in the SADC, and Africa; participants will be given the opportunity to describe their own areas of expertise and explore with other conference participants possible collaborations that could contribute to the advancement of agriculture in Southern Africa.

## WHO SHOULD ATTEND?

- Agricultural Economists
- Agribusiness Executives and Managers
- Rural Development Specialists
- Parliamentary Portfolio Committee Members on; Agriculture, Forestry, and Fisheries.
- Agriculture Extension Officers
- Women Farmers
- Officials from Local and Regional Agricultural Research Organizations
- Parliamentary Portfolio Committee Members on; Water and Environmental Affairs
- Agricultural Scientists
- State Department of Agriculture, Forestry and Fisheries Officials.
- Cooperatives Development Centers
- Agricultural Researchers/ ICT Experts
- Farmers and Community organizations
- Development Practitioners
- Food Security Experts / Information Specialists
- Academics and Researchers
- Officials from; FAO, SADC, IFPRI, USAID, IFAD, NEPAD, CGIAR.
- College and University Lecturers
- Agricultural Research Institute Scientists
- Women working in agricultural research and development.
- Agricultural Associations Staff
- Agricultural Entrepreneurs

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## Day one

**08H00** Registration and Early Morning Refreshments

**08H30** Chairperson's Welcome and Opening Remarks

**08H45** Developing and Strengthening African Women's Program's in Agriculture and Rural Development

- Inequality in the sharing of power and decision-making at all levels
- Insufficient mechanisms at all levels to promote the advancement of women
- Inequality in women's access to, and participation in, the definition of economic structures and the productive process itself
- Policy, planning and research: projects focused on the collection and dissemination of statistics disaggregated by gender and place of residence, on the gender division of labour, and on overcoming the main constraints rural women continue to face.
- Institutional strengthening. Projects in this category include gender analysis training programmes for government officials and agricultural extension agents and the creation of Women In Agriculture and Development units.
- Strengthen Needs assessments for rural women.
- Avail funding for African Women to engage themselves in Agricultural Research and Training.
- Causes of poverty and its effects on rural women and their families
- Calling for the reorganization of extension systems, placing more emphasis on researching issues of concern to rural women.
- The role of women in natural resource use and management.
- Support for Local Initiatives and Strengthening of Women's Groups and Associations

Prof Salome Mutayoba-Associate Prof; Animal Breeding and Livestock: Sokoine University of Agriculture; Tanzania **Fellow; African Women In Agricultural Research and Development**



**10H30** MID-MORNING REFRESHMENTS

**11H00** The Future of ICTs for African Agriculture

- Benefits of Information and Communication Technologies (ICT) in agriculture, remain an ongoing challenge
- Supplementing the agricultural value chain using information and communication technology
- Improved and timely information accessing and dissemination
- Better and integrated production planning, monitoring and follow-up
- Access to the latest results of research; linked to agricultural production technology, markets, pest and disease control, etc
- Developing alternative internet services for rural communities in Africa.
- Discussing how mobile access can help improve standards of farmers, enhance their productivity and meet the challenges of a modernized agriculture

**Dr Karabo Mabe (PhD) HOD: Agricultural Economics and Extension; Faculty of Agriculture, Science and Technology. North West University**



**12H30** LUNCH AND NETWORKING

**13H30** The Land Issues and Africa's Security Architecture and Impact on Food and Nutrition Security

## Day one cont...

- A food security analytical model of Land Tenure
- Livelihood Options and Land Tenure
- Land Tenure and Poverty.
- Land Tenure, Agriculture and Food Security.
- Land Tenure and Land Use in Africa: Agriculture; Agriculture; Protected Areas.
- Tenure and Sustainable Resources Management
- Land Tenure and Gender Relations: Women's Ownership and Tenure of Land; Gendered Aspects of Poverty and Marginalization

**14H30** AFTERNOON REFRESHMENTS

**15H00** WORKSHOP: The Land Use and Africa's Architecture Continues

- Tenure and Sustainable Resources Management.
- Land Tenure, Social Vulnerability/Marginality and Environmental Stress.
- Good Practice in Sustaining Livelihoods
- Land Tenure and Environmental Security..
- Discussing Land and Agrarian Reform Policy Making in selected African countries: What are the lessons learned of successful new farmers in Zimbabwe and other SADC countries

**Prof Mandi Rukuni MD; International Business Service Consulting (Zimbabwe) Director; and Founder; Wisdom Africa Leadership Academy Formerly; Director; Africa Programs: W.K. Kellogg Foundation**

**16H00** Chairperson's Closing Remarks

End of Day One

## Day two

**08H00** Registration and Early Morning Refreshments

**08H30** Chairperson's Welcome and Opening Remarks

**08H45** Cost-sharing as an effective strategy for the provision of Agricultural Extension Service: Evidence from Nigeria

- The delivery of services to farmers as well as financing the delivery system
- Ensuring that farmers especially in rural areas receive proven advisory services and adopt same for productive agriculture
- Limited participation of this provision by the private sector actors in most developing countries
- Declining government and donors supports for conventional provision of extension service
- Recognizing the need for alternative methods
- Unpacking the concept of cost-sharing: as an effective strategy for ensuring that farmers receive advisory services that are of relevance to their felt needs as well as efficient in delivering services promptly to them
- Explaining details of the study conducted in rural Nigeria
- Perceptions ascertained; of farmers and extension professionals towards cost-sharing
- Priority areas identified in which farmers were willing to share costs as well as determined preferred patterns for cost-sharing

## Day two cont...

- Conclusions of the study relating to increasing farmer's participation in the provision of agricultural extension service
- Empowering farmers and increasing their voice in agricultural extension management
- Recommendations of the study about agricultural extension services; especially in rural Africa

**Dr Nicholas Ozor -Senior Research Officer African Technology Policy Studies Network (ATPS) Nairobi; Kenya**



**10H30**

### **MID-MORNING REFRESHMENTS**

## **11H00 Case Study of a Successful Smaller holder Agricultural Entrepreneurship: Fair Deal Agricultural Training Centre**

- Nationally-accredited agricultural skills training centre.
- Founded by Mrs Sabina Khoza in 2003
- Focus on farm diversification from a management and entrepreneurship perspective
- Education with Production as the guiding motto.
- Teaching sustainable farming practices
- Diversifying into Biotechnology at Fair Deal Agricultural Training Centre
- Defining Farm entrepreneurship
- Sharing experiences and knowledge with others
- Farmers trained so far
- Ability to be successful by focusing on a n activity which is 'guaranteed' to be successful
- Socially responsible entrepreneurship: farmers who recognise that the financial success of the farm needs to balance with a social and environmental role.

**Mrs. Sabina Khoza Managing Director; Fair Deal Agricultural Training Centre Gauteng Region; South Africa Formerly; Gauteng Women Farmer of the Year**



**12H30**

### **LUNCH AND NETWORKING**

## **13H30 Climate Change and Food Production in Africa**

- Unpacking the main drivers of climate change
- Vulnerability of Southern African's agriculture to climate change
- Key elements of food production: agriculture, fisheries and livestock
- Climate change adaptation options for southern African's agricultural sector
- Climate change mitigation options in the region
- Adopting and strengthening more research to help farmers adapt to climate change
- Meeting the food and nutrition needs of the region's growing population without damaging forests of soils
- Making agricultural technologies more adaptive to geographic locations
- Direct impact of climate change on marine ecosystems
- Concrete actions to address the impacts of climate change on food production

**Dr Mitsuru Tsubo Programme Manager; Agro Climatology ARC-ISCW**

## **14H30 ATERNOON REFRESHMENTS**

**15H00** Water Conservation Strategies in Sub Saharan Africa (with emphasis on soil-water-nutrient-biodiversity conservation technologies and water use efficiency)

## Day two cont...

- Soil Nutrient Heterogeneity and Market Volatility
- Inter-country river-basin cooperation
- Critically examining irrigation efforts and identify factors which can determine success or failure
- Cooperation in WRM of shared rivers
- Protection of watersheds and wetlands
- Food security through irrigation and water harvesting
- Capacity building, utilization and retention
- Accelerating transition to sustainable and equitable water use
- Demand management and water conservation
- Can Irrigation Kick-Start African Agriculture?
- Integrated approach to water resources management.
- Country-driven development making use of Africa capabilities, resources, and experiences
- Develop knowledge and approaches through applied Research

**Dr Emmanuel Mwendera - Programme Manager; Soil and Water Science - South Africa, Agriculture Research Council (ARC)-Institute for Soil, Climate and Water**

**16H00** Chairperson's Closing Remarks- End of Day Two

## Day three

**08H00** Registration and Early Morning Refreshments

**08H30** Chairperson's Welcome and Opening Remarks

**08H45** **The Role of Technology in ensuring adequate food security in Africa**

- Advocating for the adoption of good mixes of technologies by small scale farmers in Africa
- Focusing on country-specific priorities, existing policies, availability of infrastructure, the place of research and development as well as the absorptive capacities of farmers
- Role of diverse technologies that exist in Africa in ensuring adequate food security in the continent
- Nature and scope of technologies in Africa; including indigenous technology options
- Examining the current food security situation in Africa with particular reference of sub Sahara Africa (SSA)
- The opportunities offered by different technologies in addressing the food security situation
- An exhaustive desk study research and case examples were utilizing an exhaustive desk study research and case study in addressing

**Dr Nicholas Ozor, Senior Research Officer, African Technology Policy Studies Network (ATPS) Nairobi; Kenya**



**10H30**

### **MID-MORNING REFRESHMENTS**

**11H00** Promotion and Development of Agricultural Value Chains in Africa

- Dynamics of Africa's Agricultural Value Chains. Innovations for Agricultural Value Chains. Linking Agriculture with Food Security and Nutrition. Using value chain in Agribusiness. Trade and Investment opportunities in the African agricultural value chain Strengthening agriculture and livestock value chains. Women as key to unlocking Africa's agriculture value chains. Transforming the agricultural value chain in Africa.

**Dr Hans Balyamujura General Manager; Agri Business ABSA Retail and Business Bank**



**12H30**

### **LUNCH AND NETWORKING**

**1330** **CHAIRPERSON'S CLOSING REMARKS!!!! END OF CONFERENCE AND DEPARTURE**

## REGISTRATION FORM (Romeo)

# The Future of Agriculture and Food Nutrition Security in Africa

17<sup>th</sup> – 19<sup>th</sup> September 2013

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The signatory must be authorised to sign on behalf of the stated company.  
I acknowledge that I have read and understood all of the Payment Methods, Policies and Terms & Conditions.

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VAT # if applicable: \_\_\_\_\_

Name: \_\_\_\_\_ Signature \_\_\_\_\_

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Email: \_\_\_\_\_

Booking Date : \_\_\_\_\_ Date of payment: \_\_\_\_\_

**To register more than three delegates please duplicate this registration form**

### DELEGATE 1 DETAILS

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

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Name: \_\_\_\_\_

Designation: \_\_\_\_\_

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### DELEGATE 3 DETAILS

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

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Tel: \_\_\_\_\_

### Banking Details:

**Name of Account:** Intelligent Commerce T/A Envision International

**Bank:** Standard Bank

**Branch Name:** Fourways Crossing

**Branch Code:** 009953

**Account #:** 201344742



**Delegate Fee Structure: R9 999.00 Exc VAT for three days!!!!**

☐ **Pretoria: 17<sup>th</sup> – 19<sup>th</sup> September 2013**

**Manhattan Hotel- South Africa**

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