



agriculture,
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Department:
Agriculture, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA



African Forum for Agricultural
Advisory Services
Knowledge & Novelty for Africa's Livelihoods



SASAE

PROGRAMME

2017

JOINT CONFERENCE:

3rd AFAAS AFRICA-WIDE AGRICULTURAL EXTENSION WEEK

**51st ANNUAL CONFERENCE OF THE SOUTH AFRICAN SOCIETY FOR
AGRICULTURAL EXTENSION**

**“SCALING UP CLIMATE SMART AGRICULTURE;
INTEGRATING YOUTH, WOMEN AND THE DIGITAL
REVOLUTION”**

Tsogo Sun Elangeni & Maharani Hotels,
Durban, KwaZulu Natal.

30 October to 3 November 2017 (Arriving 29 October, departing morning of 4 November)



BACKGROUND TO AGRICULTURAL EXTENSION WEEK 2017, SOUTH AFRICA.

The African Forum for Agricultural Advisory Services (AFAAS) is a Continental body that brings National Agricultural Extension & Advisory Services (AEAS) actors under one umbrella. The AFAAS' goal is to enhance utilization of improved knowledge, technologies and innovations by agricultural value chain actors for improving productivity oriented towards their individual and national development objectives. AEAS is a key component of the innovation system, playing a pivotal role in promoting productivity, increasing food security, strengthening rural communities, and underpinning agriculture as the engine for pro-poor economic growth. AEAS is one of the key pillars for transforming rural livelihoods and contributing to Africa's agenda 2063. AFAAS upholds the 2014 Malabo Declaration and the Comprehensive Africa Agriculture Development Programme (CAADP), whose Monitoring and Evaluation Framework is overarching for the CAADP institutions.

One of the main mechanisms that AFAAS has used for pursuing its mission is by promoting lesson learning, sharing of information and increased professional interaction through the "Agricultural Extension Week" (AEW) events. The AEW is a key mechanism for AFAAS to pursue its mission and capitalizes on in order to reach its stakeholders and delivering results. This mechanism was demanded and identified by AEAS stakeholders in Africa as a tool to bring together AEAS stakeholders from all African countries to focus on topical issues that need concerted actions including technology and innovation adaptation and scaling up and out, policy advocacy, promoting lesson learning, sharing information on good practices and increased professional interaction – specially to influence AEAS policies and programming in Africa. The AEW is held biennially, and so far, two AEWs have been held. The first AEW was held in August 2013 in Gaborone, Botswana focusing on "Value Chain Approach in Agricultural Development: Coping with new demands for Agricultural Advisory Services". The second one was held in Addis Ababa, Ethiopia, in October 2015 under the theme: "Reinvigorating Extension Services for Market-led Agriculture within the Context of the Malabo Declaration". The 3rd AEW will be held in Durban South Africa from 30th October to 3rd November 2017.

THEME OF THE WEEK

The AFAAS and the South African Society for Agricultural Extension (SASAE) together with Department of Agriculture, Forestry and Fisheries (DAFF) will be organising the 3rd AEW conference on the theme of:

"Scaling up Climate Smart Agriculture (CSA): integrating youth, women, and the digital revolution".

SUB-THEMES

1. Integrating youth and women in CSA
2. Scaling up ICT innovations for CSA
3. Scalable CSA technologies and innovations
4. Capacity development for scaling up CSA innovations
5. Knowledge management for CSA
6. Innovation for entrepreneurship

GOAL, OBJECTIVES AND EXPECTED OUTCOMES:

Goal: Contribute to mainstreaming of CSA techniques in AEAS approaches to enhance environmental sustainability and climate resilience of most vulnerable farming populations- especially women and youth in Africa.

Objectives:

- i. Facilitate networking and enhance information, knowledge and experience sharing on CSA among several stakeholders (including policy makers and technocrats);
- ii. Promote mainstreaming of CSA in AEAS at local, national and continental level;
- iii. Build consensus for scaling up and out CSA technologies, innovations and practices;
- iv. Creating space for women and youth to be integral in finding solutions within the CSA knowledge platforms;
- v. Take stock of available CSA technologies, innovations and practices and devise joint strategies for scaling up and out through partnerships;
- vi. Build strong linkages of IFAD Country programs and other Development Partners' programmes/ projects within the continental AEAS knowledge and innovation networks.

Expected outcomes: Established and strengthened partnerships and improved knowledge and awareness of the importance of CSA to support the vulnerable rural farmers to demand and for better access to and utilization of technologies, innovations, management practices created and shared among AEAS actors.

Expected outputs:

- i. Knowledge on scaling up CSA in AEAS for multiple actors to support farmers, especially youth and women to increase and add value to their agricultural productivity, production and marketing shared;
- ii. Best fit practices on CSA for reducing vulnerability profiled and a framework developed for sharing among AEAS actors;
- iii. Strong linkages of IFAD Country programs and other Development Partners' programmes/ projects within the continental AEAS knowledge and innovation networks developed;
- iv. Two follow up operational meetings held for internal reflection and lesson learning;
- v. Reporting from AEW proceedings generated and shared with participants.

SUNDAY, 29th OCTOBER 2017	
09:00 – 13:00	AFAAS Board Meeting / LOC Meeting
12:00 – 18:00	REGISTRATION
16:00 – 19:00	SASAE Board Meeting
20:00 – 21:00	KZN Branch of SASAE AGM
	DINNER OWN ARRANGEMENTS

DAY 1: MONDAY, 30th OCTOBER 2017	
<i>OPENING SESSION – CHAIRPERSON: ACTING DG DAFF</i>	
08:00 – 09:00	LATE REGISTRATION
09:00 – 09:10	Singing of the National Anthems (South Africa & African Union)
09:10 – 09:30	Welcome to the eThekweni Metro: Executive Mayor
09:30 – 09:45	Message by Hon. Prof. R. Oniang'o (AFAAS Patron)
09:45 – 10:05	Message by president of SASAE
10:05 – 10:20	Introduction of the Premier of KwaZulu-Natal by the Executive Mayor: eThekweni Metro.
10:20 – 10:40	Remarks and message of support by the Premier of KwaZulu-Natal
10:40 – 10:55	Introduction of Minister by KwaZulu-Natal MEC of Agriculture and Rural Development
10:55 – 11:25	Official Opening of AEW by Hon. Mr. Senzeni Zokwana, (MP) Minister of Agriculture, Forestry and Fisheries
11:30 – 11:45	Group Photo
11:45 – 12:15	TEA BREAK
12:15 – 12:45	Key Note Speaker – Reposition Agricultural Extension to contribute effectively to inclusive CSA and Resilient Africa Associate Prof. M Mangheni, Makerere University, Uganda
12:45 – 13:30	SA best practices: Reaching the plate: Success stories of South African Agriculture by means of Extension Dr J. A. Van Niekerk (University of Free State, FAO, University of Ghent)
13:30 – 14:30	LUNCH BREAK
<i>SECOND SESSION - Chairperson: Prof. E M Zwane</i>	
14:30 – 15:00	Climate Smart Agriculture Strategic Framework Dr I. B. Kgakatsi (DAFF)
15:00 – 15:30	Sector specific drought indicators and drought monitoring in South Africa Prof. A. Jordaan
15:30 – 16:00	Panel Discussion: Dr J. Mutimba; Dr P. Djamene; Prof. T. Arokoyo,
16:00 – 16:30	TEA BREAK
18:30 – 22:00	GALA DINNER AND NATIONAL EXTENSION AND ADVISORY SERVICES AWARDS, SOUTH AFRICA. At Amphitheatre opposite Elangeni Hotel.

TUESDAY, 31st OCTOBER 2017				
<i>THIRD SESSION: Chairperson: Ms. L Botsheleng</i>				
08:30 – 10:00	Korean - KAFACI Experience in agricultural extension and Advisory services Dr Cho Rae, KAFACI Sub-theme 1: Integrating youth and women in CSA – Ms S. Mwamakamba (FANRPAN) Sub-theme 2: Scaling up ICT innovations for CSA – Mr A. Rasoanindrainy (AFAAS)			
10:00 – 10:30	TEA BREAK			
	Chairperson: Mr R. H. Khwidzhili	Chairperson; Ms M. L. Mbongo	Chairperson: Mr T. T. Mabuza	Chairperson: Ms C. Levendal
10:30 – 11:00	Sub-theme 1 paper 1 Adoption Choice of Climate Smart Agriculture Practices by	Sub-theme 1 paper 2 Behavioural approaches of rural women farmers to mitigation and adaptation measures of	Sub-theme 2 paper 1 The Potential of Innovation Platforms and ICTs in Enhancing Adoption	Sub-theme 2 paper 2 Mapping and monitoring the “footprint” of

	Rural Women in Southern Nigeria. <u>Etim Nsikak-Abasi A. & Etim NseAbasi N.</u>	climate change in Abia State, Nigeria. <u>Umeh, O.J. & Nwachukwu, I.</u>	of CSA Innovations in Smallholder Dairying: Evidence from Zimbabwe. <u>Hanyani-Mlambo, B.; Mudhara, M.; Mafongoya, P. & Nyikahadzoi, K.</u>	agriculture in the Western Cape. <u>Wallace, M.G.</u>
11:10 – 11:40	Sub-theme 1 paper 3 Perceived effects of climate change on vegetable production among women farmers in Kwara State, Nigeria. <u>Olooto F.M., Yusuf O.J., Ayanda I.F. & Salawudeen O.L.</u>	Sub-theme 1 paper 4 The role of Operation Sukuma Sakhe (OSS) on Climate Smart Agriculture awareness in Youth and its impact on food security in KwaZulu Natal. <u>Khali, G., Tembe, S. & Hlatshwayo, P.</u>	Sub-theme 2 paper 3 Access and training needs in telephone applications among extension workers in Edo state: Implications for climate smart agriculture in Nigeria. <u>Kovenikan, M.J., Ohiomoba, I.S. & Abdusalam-Saghir, P.</u>	Sub-theme 2 paper 4 Socio-Economic determinants of mobile phone adoption as ICT tool for agricultural marketing among smallholder irrigation farmers in South Africa. <u>Akinyemi B.E & Mushunje, A.</u>
11:50 – 12:20	Sub-theme 1 paper 5 Participation of the youth in agricultural extension programmes of the Manzini region, Swaziland. <u>Jibowo, A.A. & Sihlongoyane, M.N.</u>	Sub-theme 1 paper 6 Gender Involvement in Climate Smart Aquaculture Value Chain of South West States, Nigeria. <u>Akinyemi A.O., Fregene, B.T., & Omonona BB.T.</u>	Sub-theme 2 paper 5 Scaling up climate smart agriculture from the Koup pilot project of 80 000ha to 500 000ha. Doing it the LandCare way. <u>Stevn, F.</u>	Sub-theme 2 paper 6 Developing farmer capacity to practice conservation agriculture (CA) at farm level. <u>Pierre, A., Du Toit, P.N. & Nemadodzi, E.A.</u>
12:20 – 12:50	Sub-theme 1 paper 7 Integrating agricultural videos in rural extension as tools to enhance climate smart agriculture in Cameroon. <u>Labu, N.B. & Ngouambe, N.</u>	Sub-theme 1 paper 8 Outcomes of Assessment of the Nutritional Status of Children from Historically Disadvantaged Agri-business Families, South Africa. <i>(A challenge for a responsive agricultural extension function)</i> <u>Sonandi, A., Zwane, E.M. & Van Niekerk, J.A.</u>	Sub-theme 2 paper 7 Extension workers perceptions regarding the Digital mobile technology services in addressing climate change issues: A case study of Botswana. <u>Hulela, K., Moremedi, G.</u>	Sub-theme 2 paper 8 Development of a 'Planting App' for Maize across South Africa. <u>Walker, S., Kaempffer, L.C., Newby, T., Ferguson, J. & Van der Burgt, F.</u>
13:00 –14:00	LUNCH			
FOURTH SESSION - CHAIRPERSON: Dr. K Davis				
14:00 –15:30	Sub-theme 3: Scalable CSA Technologies and Innovations: Dr I. Trautmann (Department of Agriculture, Western Cape) Sub-theme 4: Capacity development for scaling up CSA innovations: Dr M. Akeredolu (AFAAS) Respondent: Prof. M. Zinnah			
15:30 – 16:00	TEA BREAK			
	Chairperson; Ms M. E. Bornman	Chairperson: Dr A. Sonandi	Chairperson: Ms J. Mtungwa	Chairperson: Ms L. Matthews
16:00 – 16:30	Sub-theme 3 paper 1 FRUITLOOK: A spatial approach to assess and improve water use efficiency of vineyards and deciduous	Sub-theme 3 paper 2 Introduction of biogas-digester technology as a climate change mitigation measure in small-scale farming communities of	Sub-theme 4 paper 1 Capacity development for scaling up Climate Smart Agriculture: The Sasakawa Africa Fund for Extension Model of experiential learning.	Sub-theme 4 paper 2 Rainwater Harvesting: Climate Smart Techniques for increased Smallholder Productivity.

	fruit orchards in South Africa. Roux, A., Jarman, C. & Goudriaan, R.	Amatole District Municipality (Eastern Cape). Ndzimande, N., Dumani, A., Moeketsi, M. & Nape, M.	Naibakelao, D., Akeredolu, M. & Oladele, O.I.	Botha, J.J.; Anderson, J.J. & Koatla, T.A.B.
16:40 – 17:10	Sub-theme 3 paper 3 Crossbreeding in beef cattle for increased efficiency in response to environmental conditions. Theunissen, A., Scholtz, M.M., Mokolobate, M.C. Ntwaeagae, O. & Ferreira, M.	Sub-theme 3 paper 4 Solar powered irrigation technology helping to integrate women and youth into Climate Smart Agriculture (CSA) in Gwanda, Zimbabwe. Zheke, H.G.	Sub-theme 4 paper 3 Building capacity of agricultural extension services in southern Africa for scaling up climate smart agriculture innovations. Förch, W., Podisi, B. & Beerhalter, S.	Sub-theme 4 paper 4 Capacity development for scaling up CSA innovations. Zwane, E.M.
17:20 – 17:50	Sub-theme 3 paper 5 A farmer-centred Innovation Systems Approach to scale up Conservation Agriculture (CA) in South Africa. Smith, H.	Sub-theme 3 paper 6 Potential and farmer-based dissemination of conservation agriculture in semi-arid West Africa. Djamen, P.	Sub-theme 4 paper 5 Best Technology for Addressing Climate Change in Sudan. Bereir, A.M.A.R.	Sub-theme 4 paper 6 The role of a Virtual Irrigation Academy (VIA) to improve water productivity in Malawi, Tanzania and South Africa. Stevens, J. B.
17:50 – 18:20	Sub-theme 3 paper 7 Delivery of climate smart agricultural extension in Uganda; Incorporating gender & nutrition, ICT and youth in agriculture. Luzobe, B.		Sub-theme 4 paper 7 The first twenty years - the development and adoption of a climate smart grain production system for the Swartland region of the Western Cape Province. Strauss, J.A. & Swanepoel, A.	Sub-theme 4 paper 8 Project CSA Bateké: Building Community Resilience. Kazika, A.
19:00 – 22:00	Cultural Evening – Braai style menu at Amphitheatre - opposite Elangeni Hotel.			

WEDNESDAY, 01st NOVEMBER 2017

FIFTH SESSION - CHAIRPERSON: Mr J. T. Van Rooyen

08:30 – 09:30	Plenary – Discussion of projects to be visited
09:30 – 17:00	Board Busses: Field Excursion: visit 5 projects
09:00 – 17:00 Congela Room	Side Event - The New Extensionist and Professionalisation of Rural Advisory Services. Ms. H Ngwenya, GFRAS
10:00 – 17:00	AFAAS Board Meeting

THURSDAY, 02st NOVEMBER 2017

SIXTH SESSION - CHAIRPERSON: Dr M. Blum

08:30 – 09:30	Feedback from field visits from Rapporteurs			
09:30 – 10:30	Sub-theme 5: Knowledge Management for CSA: Mr K. Mampholo (DAFF) Sub-theme 6: Innovation for entrepreneurship: Dr J. Mutimba (AFAAS) Respondent: IFAD / FANRPAN Dr T. Takavarasha			
10:00 – 10:30	TEA BREAK			
	Chairperson: Ms H. J. Ngwenya	Chairperson: Dr Y. Pakela-Jezile	Chairperson: Mr T. Sedumedi	Chairperson: Mr G. Shole
10:30 – 11:00	Sub-theme 5 paper 1	Sub-theme 5 paper 2	Sub-theme 6 paper 1	Sub-theme 6 paper 2

	The relevance of smallholder farmers' adoption decision-making behaviours in the adoption of climate smart agricultural (CSA) practices in South Africa: the case of soil conservation at Qamata Irrigation Scheme, Eastern Cape. Ighodaro, I.D., & Mushunje, A.	Maize farmers' perception of the effects of climate change and coping strategies in Nassarawa innovation platform, Nigeria. Tologbonse, E.B., Arokoyo, T. & Akeredolu, M.	Farmer Perspective on the role of Conservation Agriculture on Food Security and Land Restoration in the Maize Triangle, Vanderbijlpark, Sedibeng District, Gauteng Province. Mokoka, S.J.	Promoting entrepreneurship and SMME's through extension: Case of the Mngcunube mentorship program amongst small scale livestock farmers. Jordaan, A.J., Kew, L. & Blaker, J.
11:10 – 11:40	Sub-theme 5 paper 3 Farmers' knowledge of alternate wet and dry techniques in lowland rice production in Ndop, Cameroon. Chimewah, A.N. & Oladele, I.O.	Sub-theme 5 paper 4 Determinants of farmers' adoption alternate wet and dry techniques in lowland rice production in Ghana and Uganda for climate smart agriculture. Oladele, O.I.	Sub-theme 6 paper 3 Developing Agripreneurship Behaviour of Innovative Youth Farmers in Ethiopia Teklehaimanot, A.	Sub-theme 6 paper 4 Cultivated pastures by smallholder farmers to transform and reorient agricultural systems and promote entrepreneurship in communal areas. Dlamini, S.S., Khali, W.G., Hlatshwayo, P.P., Luthuli, C.F. & Mfusi, M.J.
11:50 – 12:20	Sub-theme 5 paper 5 Adoption of agro-weather information sources for climate-smart agriculture among farmers in Embu and Ada'a Districts of Kenya and Ethiopia. Oladele O.I., Shimeles A., Mamo G., Aregawi, F., Gitika M.P., Ngari F. & Braimoh A.K.	Sub-theme 5 paper 6 Perceived Impacts and Adaptation Responses to Climate Change: An Assessment of Livestock Smallholder Farmers in Amathole District Municipality, Eastern Cape Province, South Africa. Sopein, O., Monde, N. & Yusuf, S.F.G.	Sub-theme 6 paper 5 Analysing urban household food security in the Cape Town Metropole of South Africa, with reference to the role of urban agriculture. Swanepoel, J.W., Van Niekerk, J.A. & D'Haese, L.	Sub-theme 6 paper 6 Performance Levels of Agri-SMMEs in Entrepreneurial Leadership: A Call for Effective TQM-empowered Agricultural Extension Services. Sonandi, A., Neuland, E. & Ladzani, W.
12:20 – 12:50	Sub-theme 5 paper 7 Strengthening Systems for Regional Knowledge Management and Sharing for CSA. Zengenene, D., Förch, W. & Podisi, B.		Sub-theme 6 paper 7 Collaborative research project: Climate smart and sustainable viticulture in the Western Cape, South Africa. Ponstein, H. Presented by Steyn, F.	
13:00 – 14:00	LUNCH			
SEVENTH SESSION - CHAIRPERSON: Dr S. Franzel				
14:00 –17:00	Poster/ Share Fair/ Network and Workshop sessions			
14:00 –17:00 Suite 4 -5	Side Event - Global Forum for Rural Advisory Services Nutrition Working Group Launch. Ms E. Kuyper University of California, Davis, USA			
14:00 –17:00 Tugela	Side Event - Business models and dissemination techniques for sustaining promotion of postharvest management. Mr J. Egessa, AFAAS			
14:00 –17:00 Congela	Side Event - Farmers teaching farmers: Optimizing use of the farmer-to-farmer extension approach for promoting Climate Smart Agriculture. Dr S. Franzel, World Agroforestry Centre, USA			

14:00 – 17:00 Great Elanga	Side Event - Field Schools and Climate Change adaptation. Mr E. Adenya, FAO, Kenya
17:15 – 18:30	51st SASAE Annual General Meeting

FRIDAY, 3rd NOVEMBER 2017		
<i>EIGHTH SESSION - CHAIRPERSON: Dr. M Simon</i>		
	Breakaway Session: To commence at 09:00 *	Breakaway Session
08:30 – 11:00		Poster/ Exhibition/ and Side Event session
08:30 – 11:00 Tugela Room		Side Event - Farmer-to-farmer videos as an effective tool for extension and advisory services. Dr N Ojjo, Access Agriculture, Kenya.
09:00 – 09:45 Great Elanga	*Presentation of Science Agenda for Agriculture in Africa and its implications for Agricultural Extension and Advisory Services: Dr Yemi Akinbamijo: Executive Director: Forum for Agricultural Research in Africa (FARA)	
09:45 – 11:00 Great Elanga	Panel discussion: Highlights of the week	
11:00 – 11:30	TEA BREAK	
11:30 – 13:00	FORMAL CLOSING SESSION	
	Declaration / AFAAS	
	Official Closing <i>Hon. Deputy Minister: General Bheki Cele, Agriculture, Forestry & Fisheries</i> <i>SA National Anthem</i>	
13:00 – 14:00	LUNCH	
	Conference concludes: Delegates Depart at own leisure	
14:00 – 17:00	AFAAS General Assembly Meeting	
18:30	DINNER OWN ARRANGEMENTS	

SATURDAY, 04th NOVEMBER 2017	
08:30 – 17:00 Suite 5	Side Event - Strengthening Extension and Rural Advisory Services Systems in Africa. Ms N. Ernst, GFRAS
09:00 – 13:00	Local Organising Committee (LOC) Aftermath discussion: AEW 2017

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We would like to thank: The Government of South Africa and the Sponsors and Delegates for supporting and participating in the Agricultural Extension Week 2017.

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AU Anthem

Let us all unite and celebrate together
The victories won for our liberation
Let us dedicate ourselves to rise together
To defend our liberty and unity

O Sons and Daughters of Africa
Flesh of the Sun and Flesh of the Sky
Let us make Africa the Tree of Life

Let us all unite and sing together
To uphold the bonds that frame our destiny
Let us dedicate ourselves to fight together
For lasting peace and justice on earth

O Sons and Daughters of Africa
Flesh of the Sun and Flesh of the Sky
Let us make Africa the Tree of Life

Let us all unite and toil together
To give the best we have to Africa
The cradle of mankind and fount of culture
Our pride and hope at break of dawn.

O Sons and Daughters of Africa
Flesh of the Sun and Flesh of the Sky
Let us make Africa the Tree of Life

(Words of SA Anthem can be printed without this “big in MB” picture below).

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