

Scientific Program

INTERNATIONAL CONFERENCE ON

AGRICULTURE, FOOD AND AQUA

NOVEMBER 22-23, 2018 CAPE TOWN, SOUTH AFRICA



AGRI-FOOD-AQUA 2018

Conference Series llc Ltd

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Thursday 22nd November 2018

Day 1

09:00-09:30

Registration Opens

Conference Hall

09:30-10:00

Opening Ceremony

Introduction

10:00-11:00

Keynote Presentation

Title: The importance of a sound policy environment to achieve sustainable food production

Bennie van Zyl, Transvaal Agricultural Union, South Africa



11:00-11:30

Networking and Refreshments Break with Group Photo

Sessions: Agriculture Biotechnology | Sustainable Agriculture | Agriculture Economics | Food Analysis, Safety and Health | Food Biochemistry

Session Chair: **Mohd Kushairi Mohd Rajuddin**, Universiti Selangor-Bestari Jaya Campus, Malaysia

11:30-12:00

Title: Some soil extraction experiments on the enhancement of targeted algae growth in preparation for future development of outdoor mass culture system for microalgae

Mohd Kushairi Mohd Rajuddin, Universiti Selangor-Bestari Jaya Campus, Malaysia

12:00-12:30

Title: Funding agriculture in Africa, creating wealth

Pastor Edward Olutoke, Lagos State University, Nigeria

Lunch Break 12:30-13:30 @ Restaurant

13:30-14:00

Title: Smallholder fresh fish marketing enterprise: A veritable livelihood strategy for economic empowerment in Sub-Saharan Africa

Olusegun Taiwo C/o Ikechi Kelechi Agbugba, Rivers State University, Nigeria

14:00-14:30

Title: Sustainability of income growth of smallholder producers in high value chains: Insights from strategic partnerships in South Africa

Bukelwa Grwambi, Western Cape Department of Agriculture, South Africa

14:30-15:00

Title: The mishandling of pesticidal plants by small-scale farmers in the Eastern Cape Province and its possible impact on food safety and security

Nolitha L Skenjana, Dohne Agricultural Development Institute, South Africa

Networking and Refreshments Break 15:00-15:30 @ Foyer

15:30-16:00

Title: Diet quality as a measure of food security

Phumeza Mkonswana, Nelson Mandela University, South Africa

16:00-16:30

Title: Value addition to enhance sustainable agriculture in Uganda

Kaganda David Businge, Farmers Trend Africa Ltd., Uganda

16:30-17:00

Title: Concentrations and distribution of some heavy metals in the organs of cattle in Ogbomoso, Nigeria

Abdur Rahim Giwa, Ladoké Akintola University of Technology, Nigeria

Panel Discussion

Friday 23rd November 2018

Day 2

Conference Hall

10:00-11:00

Keynote Presentation

Title: Agrarian reform and its contribution to socio-economic development

Elton Mitchel Greeve, EMG Agri Solutions, South Africa



Networking and Refreshments Break 11:00-11:30@ Foyer

Sessions: Sustainable Agriculture | Agriculture Biotechnology | Food Microbiology | Technology of Animal Foods | Aquaculture Science | Fisheries Science

Session Chair: **Wongiwe Theodora Mngwambe**, Potchefstroom College of Agriculture, South Africa

11:30-12:00

Title: Partial nutrient balance in cropping systems: The case of Ganspan Settlement, Northern Cape Province

Wongiwe Theodora Mngwambe, Potchefstroom College of Agriculture, South Africa

12:00-12:30

Title: Sensitivity of broccoli (*brassica oleracea* var. *cymosa*) hybrid seedlings to selected soil applied herbicides under simulated thermoperiods and humidity of Magaliesburg

Emmanuel Ifeanyi Egbueze, Obafemi Awolowo University, South Africa

12:30-13:00

Title: Crop physiology and genetics: The missing links in salinity stress tolerance in cucumber

George Mbira Kere, University of Kabianga, Kenya

Lunch Break 13:00-14:00 @ Restaurant

14:00-14:30

Title: Supplemental feed formulation for the best growth performance of Nile tilapia (*Oreochromis niloticus*) in pond culture system

Firew Admasu Hailu, Jimma University, Ethiopia

Poster Presentations@ 14:30-15:00

P-1

Title: Descriptive sensory profile of chicken meat and its relation to microbial flora during storage

Wendy Katiyo, University of Pretoria, South Africa

P-2

Title: Effect of different levels of wheat distiller's dried grains and enzymes supplementation on fatty acids of broiler chickens' breast muscle

Nuhu Bello Rano, Bayero University, Nigeria

P-3

Title: Equity and ecological outcomes in brazilian agroforestry

Mickhale Green, Yale University School of Forestry & Environmental Studies, USA

Networking and Refreshments Break 15:30-16:00@ Foyer

Panel Discussions

Awards and Closing Ceremony

