

Scientific Program

Joint meet on
2nd International Conference on
AGRICULTURE, FOOD AND AQUA
&
15th Annual Conference on
CROP SCIENCE AND AGRICULTURE
November 18-19, 2019 | Bali, Indonesia



AGRICULTURE, FOOD AND AQUA

2019

Conference Series llc Ltd

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Monday 18th November 2019

Day 1

09:00-09:30

Registration Opens

Hall

09:30-10:00

Opening Ceremony

10:00-11:00

Keynote Presentation

Title: Sustained growth in horticulture made India a global leader in micro irrigation

Thakur Bahadur Singh Rajput, Water Technology Centre-Indian Agricultural Research Institute, India



11:00-11:30

Networking and Refreshments Break with Group Photo

Sessions: Novel Food Processing Technologies | Food Microbiology | Food Analysis, Safety, and Health | Agriculture Economics and Agribusiness | Agricultural Economics & Agri-Business

Session Chair: **Hiroaki Yamauchi**, Obihiro University of Agriculture and Veterinary Medicine, Japan

11:30-12:00

Title: Bread quality of novel Yudane bread made with joule heating dough

Hiroaki Yamauchi, Obihiro University of Agriculture and Veterinary Medicine, Japan

12:00-12:30

Title: Color sorting as a quick and cheap mycotoxin reduction method in the rye

Bojan Sarkanj, University North, Croatia

Lunch Break 12:30-13:30 @ Pre-function Area

13:30-14:00

Title: Effects of watering frequency and soil types on growth and yield of Kgengwe (*Citrullus lanatus* var. *citroides*)

Samodimo Ngwako, Botswana University of Agriculture and Natural Resources, Botswana

14:00-14:30

Title: Effect of seasons, growth and production cycle on hematology and biochemical references values

Faten K Abdullah, Environment and Life Sciences Research Center, Kuwait

14:30-15:00

Title: Importance of lifelong learning in the food processing industry in Croatia

Marin Milkovic, University North, Croatia

15:00-15:30

Title: Evaluation of inorganic NPKS and nano NPKS fertilizers on maize growth: Preliminary study

Lebogang Maureen Katata-Seru, North-West University, South Africa

15:30-16:00

Title: Effect of phosphorus on yield and nutrient uptake of cowpea and maize intercrop

Samodimo Ngwako, Botswana University of Agriculture and Natural Resources, Botswana

16:00-16:30

Networking and Refreshments Break

Panel Discussion

Hall



Keynote Presentation

10:00-11:00

Title: Important staple food crops production in Indonesia
 Yusuf Leonard Henuk, Sumatera Utara University, Indonesia

11:00-11:30

Networking and Refreshments Break

Sessions: Agriculture & Horticulture | Agriculture & Food Security | Nutrition & Sustainable Agriculture
 | Agriculture & Environment

Session Chair: Ezzat Abd El Lateef, National Research Centre, Egypt

11:30-12:00

Title: Arbuscular mycorrhizal fungi and bisozyme effect of yield, dry production and revenue cost ratio age of elephant grass (*Pennisetum purpureum* cv. Taiwan) in ultisol land for first harvesting
 Evita yani, Andalas University, Indonesia

12:00-12:30

Title: Climate change mitigation of mungbean (*Vigna radiate* L. Wilczek) under Mediterranean climate
 Ezzat Abd El Lateef, National Research Centre, Egypt

Lunch Break 12:30-13:30 @ Pre-function area

13:30-14:00

Title: The influence of N, P and K fertilizer dosage and FMA (*Glomus manihotis*) application on *in vitro* digestibility from elephant grass (*Pennisetum purpureum* cv. Taiwan) planted on coal mine reclamation land
 Evitayani, Andalas University, Indonesia

Young Researcher Forum(YRF)

14:00-14:20

Title: Optimization of enzymes addition to improve Yudane Bread making quality by response surface methodology
 Koki Matsushita, Iwate University, Japan

14:20-14:40

Title: Study on oven spring mechanism during bread baking
 Daisuke Goshima, Obihiro University of Agriculture and Veterinary Medicine, Japan

14:40-15:00

Title: Solubility, structural characteristics, and antioxidant properties of potato protein hydrolysate
 Chiung-Yueh Chang, Taipei Medical University, Taiwan

Poster Presentation (15:00-15:30)

ACM-1

Title: Drought manifested by climate change is expanding poverty in South African region
 Joneboina Eswar kumar, CSIR-National Environmental Engineering and Research Institute, India

ACM-2

Title: Effect of Saathi organic fertilizer on performance of wheat and cauliflower
 Sabina Devkota, Soil Science Division, Nepal

ACM-3

Title: The efficacy of various filter media in removing copper from treated seawater
 Keshia Govender, South African Association for Marine Biological Research, South Africa

ACM-4

Title: The utilization of *Artocarpus heterophyllus* (jackfruit seeds) as fish feed additive
 Rhejuia M Nortiza, Philippine Science High School System, Philippines

15:30-16:00

Networking and Refreshments Break

Panel Discussion

Closing Ceremony