



# ISSAAS 2015



International Congress and General Meeting  
(Joint Conference: 118<sup>th</sup> Annual Meeting of the Japanese Society for Tropical Agriculture)

## Agricultural Sciences for Sustainable Development

日本、タイ、インドネシア、フィリピン、ベトナム、マレーシアの農学研究者の活動を支える東南アジア国際農学会。本年度の大会（共催 東南アジア国際農学会(ISSAAS)および日本熱帯農業学会(JSTA)、後援 東京農業大学(Tokyo NODAI)・一般社団法人海外農業教育・研究開発協会(SAEDA)）を下記のように開催いたします。

場所 東京農業大学世田谷キャンパス横井講堂および1号館

### 日程

11月7日(土)

- 8:00 受付開始  
9:00 総会  
授賞式 ISSAAS Matsuda Award Prof. Herry SUHARDIYANTO (Rector, Bogor Agricultural University/ Indonesian)  
Young Scientist Award Dr. Nina Nocon-SHIMOGUCHI (Part-time Lecturer, Tokyo University of Agriculture/ Filipino)
- 10:00 基調講演 (横井講堂) (一般公開、ただし座席に限りがあります)  
1) Dr. Mario T. TABUCANON (United Nations University Institute for the Advanced Study of Sustainability)  
"Sustainability Science: Bridging Agricultural Sciences and Sustainable Development"  
2) 縄田栄治 教授 (京都大学大学院農学研究科)  
"Agricultural Sciences for Sustainable Development - Recent Situation of Agricultural Production in Southeast Asia and Future Development"
- 12:00 昼食休憩  
13:00 全体講演 (参加6国からの講演)  
インドネシア Dr. Hermanto SINEGAR (Bogor Agricultural University)  
"Reducing Economic Inequality through Agrarian Transformation: A Role of Rural Saving and Investment"  
日本 馬場正 教授 (東京農業大学)  
"Action Research to Promote the Sustainable Development of Local Agriculture in Southeast Asia"  
マレーシア Dr. Siva BALASUNDRAM (Universiti Putra Malaysia)  
"Towards a Greener Agriculture"  
フィリピン Dr. Fernando SANCHEZ, Jr (University of the Philippines Los Banos)  
"An Overview of the Challenges Faced by Philippines Agriculture and Strategies towards Sustainable Development"  
タイ Dr. Seksom ATTAMANGKUNE (Kasetsart University)  
"Transforming Agricultural Education System for Sustainable Development"  
ベトナム Dr. Tran Duc VIEN (Vietnam National University of Agriculture)  
"Wastewater reuse: challenges and perspectives for sustainable agriculture in Vietnam"
- 15:00 休憩 (研究ポスターや企業展示見学)  
15:30 一般講演 (8会場およびポスター会場において約250題の研究報告)  
18:00 歓迎パーティ (生協グリーン)

11月8日(日)

- 9:00 一般講演、研究ポスターや企業展示見学  
12:30 昼食休憩  
13:30 一般講演、研究ポスターや企業展示見学  
18:00 さよならパーティ (生協グリーン)

東京農大生の聴講(無料)を歓迎します。一般から学会参加をご希望の方は、会費(一般会費1万円、学生会費5千円)と登録料(ISSAAS員1万5千円)を受付にてお支払いください。

問い合わせ: ISSAAS 2015 組織委員会 [issaas15@nodai.ac.jp](mailto:issaas15@nodai.ac.jp)

# Program at a Glance

<b>Date and Time</b>	Nov. 7 (09:00~10:00): General Assembly at <b>Yokoi Hall</b>						
	Nov. 7 (10:00~12:00): Keynote Lectures at <b>Yokoi Hall</b>						
	Nov. 7 (13:00~15:00): Plenary session at <b>Room 331</b>						
	<b>Room no. 311</b>	<b>Room no. 312</b>	<b>Room no. 313</b>	<b>Room no. 411</b>	<b>Room no. 412</b>	<b>Room no. 413</b>	<b>Room no. 321</b>
Nov. 7 (Sat) 15:30~17:00	Plant Production (A01 ~A04)	Plant Production (A30 ~A35)	Plant Production (A60 ~A65)	Social Sciences (C01~C06)	Social Sciences (C31~C36)	Animal Life Science (E01~E06)	Boundary Agriculture (G01~G06)
Nov. 8 (Sun) 09:00~10:30	Plant Production (A06~A11)	Plant Production (A36 ~A41)	Plant Production (A66 ~A71)	Social Sciences (C07~C12)	Social Sciences (C37~C42)	Animal Life Science (E07~E12)	Agricultural Chemistry (H01~H06)
Nov. 8 (Sun) 11:00~12:30	Plant Production (A12 ~A17)	Plant Production (A42 ~A47)	Plant Production (A72 ~A77)	Social Sciences (C13~C18)	Social Sciences (C43~C45) Forest Science (D01, D02)	Animal Life Science (E13~E18)	Agricultural Chemistry (H07~H12)
Nov. 8 (Sun) 13:30~15:00	Plant Production (A18 ~A23)	Plant Production (A48 ~A53)	Plant Production (A78~A83)	Social Sciences (C19~C24)	/	Animal Life Science (E19~E24)	Satellite session (I01 ~I05)
Nov. 8 (Sun) 15:30~17:00	Plant Production (A24 ~A29)	Plant Production (A54 ~A59)	Aquatic science (B01~B06)	Social Sciences (C25~C30)	/	Agro-engineering (F01~F06)	Satellite session (I06 ~I09)
Nov. 7 (13:00 ~ 17:00) Nov. 8 (09:00 ~17:00)	Poster sessions at Rooms <b>421, 422, 423, 424, 425</b> and <b>426</b>						

Session Info	Paper ID	First Author	Title
<b>Plant Production</b>  <b>Nov. 7 (Sat)</b> <b>15:30~17:00</b>  <b>Room no. 311</b>	A-01	MARCELINO, Rocky	Interest Rate Sensitivity On Loans Of Small-Scale Farmers In The Philippines
	A-02	GARCIA, Jose Nestor	Community-Based Vulnerability Assessment For Climate Change: Methodology Development
	A-03	RAHIM, Supli Effendi	Developing A Tool For Land Suitability Evaluation Of Plantation Crops In Mobile Android Application
	A-04	JACINTO, Daniel	Household Characteristics And Farmer-Irrigators' Willingness To Pay For Improved Watershed Of The Tumauni Irrigation System (Tis), Tumauni, Isabela
<b>Plant Production</b>  <b>Nov. 7 (Sat)</b> <b>15:30~17:00</b>  <b>Room no. 312</b>	A-30	ODEJAR, Fredric	Underutilized Indigenous Plants From Southern Tagalog Region Of The Philippines With Potential Economic Uses
	A-31	MARILYN, Painagan	Simulation Of Corn Yield In Carmen North Cotabato, Philippines Using Aquacrop Model
	A-32	HARUN, M. Umar	The Effect Of Depths Of Man-Made Biopore On Soil Water Content, Growth, And Yield Of Oil Palm In South Sumatera, Indonesia
	A-33	MARIO, Marigmen	Preliminary Studies On Black Rice: Basis For Development Of Its Sustainable Production Technologies
	A-34	NAKABARU, Mai	The Environmental Characteristic Analysis For Effective Cultivation Of Jatropha In Botswana As Semi Arid And Cold Area
	A-35	Melina, Melina	The Quality Attributes Measurement Of Cocoa Beans In Several Regencies In South Sulawesi
<b>Plant Production</b>  <b>Nov. 7 (Sat)</b> <b>15:30~17:00</b>  <b>Room no. 313</b>	A-60	I KETUT , Suada	The Control Of Clubroot Disease Caused By Plasmodiophora Brassicae Wor. On Cabbage (Brassica Oleracea L. Var. Capitata L.) Using Some Plant Extracts
	A-61	MASANGCAY, Teresita	Mapping Of Bacterial Wilt Population In Potato Growing Areas In Benguet And Mountain Province: An Important Facet In Seed Production
	A-62	LUIS, Janet	Survey And Identification Of Quarantine Diseases And Other Important Diseases Of Economic Crops In Car, Philippines
	A-63	HERLINDA, Siti	Composition And Abundance Of Spiders Inhabiting Paddy Field On Fresh Swamp And Tidal Lowland In South Sumatra, Indonesia
	A-64	SJAM, Sylvia	Combination Of Natural Plant Product As Attractant To Fruit Flies (Batrocera Spp.)
	A-65	DEWI, Vien Sartika	A Superior Cacao Clones Resistant Of The Indonesia Province Of South Sulawesi Against Cacao Pod Borer, Conopomorpha Cramerella Snellen And Helopeltis Sp On Cacao Intercropping System
<b>Social Sciences</b>  <b>Nov. 7 (Sat)</b> <b>15:30~17:00</b>  <b>Room no. 411</b>	C-1	BUDIASA, I Wayan	A Community Establishment For Achieving Implementation Of Integrated Water Resources Management And Sustainable Agriculture At Saba River Basin Level, Northern Bali, Indonesia
	C-2	PORCIUNCULA, Fe	Supply Chain Improvement Of Organically Grown Vegetables In Central Luzon, Philippines
	C-3	PEREZ, Jocelyn	Development Of Pest Management Products And Systems For Organic Vegetable Production In The Cordillera Administrative Region: A Journey From The Laboratory To The Farm
	C-4	GARCIA, Joseph Andrew	A Study Of Consumers' Attitude Towards Organic Vegetables In Metro Manila, Philippines
	C-5	NAJIB, Mukhamad	Consumer'S Perception And Attitude About Organic Food: A Case Study Of Consumers From The Rural And
	C-6	RUEDAS, Mary Yole Apple	Agricultural Extension Workers' Attitude Toward Organic Agriculture In Magsaysay, Occidental Mindoro

Session Info	Paper ID	First Author	Title
<b>Social Sciences</b>  <b>Nov. 7 (Sat)</b> <b>15:30~17:00</b>  <b>Room no. 412</b>	C-31	DWI, Yuzaria	The Effect Of The Partnership System On The Supply Chain And Companies Performance Of Japfa Broiler Business In The City Of Padang
	C-32	KAMARULZAMAN, Nitty Hirawaty	Readiness Towards Halal Logistics Among Food-Based Logistics Service Providers (Lsps) In Malaysia
	C-33	BATES, Bathan	Trade Impacts Of Sanitary And Phytosanitary Measures On Philippine Fresh Banana Exports In Asia, 1990-2014
	C-34	TAGARINO, Darlyn	Channel Choice Of Vegetable Producers In The Cordilleras, Philippines: A Transaction Cost Approach
	C-35	RIZZI ANGELICA, Dagos	Market Chain Analysis Of Hybrid Corn In Sablayan, Occidental Mindoro
	C-36	LUCAS, Marilou	Supply Chain Improvement Of Bamboo: Case Of A Quasi-Integration Model For Region I, Philippines
<b>Animal Life Science</b>  <b>Nov. 7 (Sat)</b> <b>15:30~17:00</b>  <b>Room no. 413</b>	E-01	CRUZ, Emilio	Production Performance Of Backyard And Commercial Goat Farms In Central Luzon, Philippines
	E-02	ORDEN, Edgar	Rural Enterprise Development Through Innovative Goat Production Systems In Nueva Ecija, Philippines
	E-03	LACONI, Erika Budiarti	Strategy Of Beef Cattle Development Based On Agricultural By Product (Study In West Java, Indonesia)
	E-04	RATTANATABTIMTONG, Sukanya	Study On Physical Characteristic Of Commercial Broiler Feed In Thailand
	E-05	PEQUENA, Teresita	Egg Hatchability, Egg Qualities And Profitabilityof Diverse Native Chickens Raised In Varying Confinement Spaces & Levels Of Pili (Canarium Ovatum) Pulp In The Laying Ration
	E-06	LONTOC, Carla Alilie	Performances Of Gestating Sows Of Different Parities And Breeding Batch In Houses With And Without Evaporative Cooling System
<b>Boundary Agriculture</b>  <b>Nov. 7 (Sat)</b> <b>15:30~17:00</b>  <b>Room no. 321</b>	G-01	CHANPRAME, Sontichai	The Expression Of Mips In Three Genotypes Of Sugarcane Under Salt Stress
	G-02	ESPINO, Marco Rafael M.	Simple Sequence Repeat (Ssr) Marker Based Variety Identification In Philippine Mango (Mangifera Indica L.)
	G-03	TONOGBANUA, Karen	Identifying Variety Specific Loci In Philippine Citrus Collection Using Simple Sequence Repeat (Ssr) Markers
	G-04	YAMAMOTO, Sota	Preliminary Survey On Usage Of Capsicum Spp. On The Yap Islands, Yap State, The Federated States Of Micronesia
	G-05	TANPICHAI, Prasong	New-Generation Of Agriculture Teacher Training Model For Sustainable Development Of Vocational Agriculture Education In Thailand
	G-06	ATTAMANGKUNE, Sksom	Transform Of Agricultural Education System For Sustainable Development

<b>Plant Production</b>  <b>Nov. 8 (Sun)</b> <b>09:00~10:30</b>  <b>Room no. 311</b>	A-06	CHANPRAME, Semsiri	The Production Of New Chrysanthemum Cultivars Via In Vitro Somaclonal Variation
	A-07	HASMEDA, Mery	Introgression Of Sub-1 Gene To Selected Local Swamp Rice Genotypes By Marked Assisted Backcross (Mab)
	A-08	KONGJAIMUN, Alisa	Fine Mapping And Candidate Gene Prediction Of Pod Length Qtl Pdl7.1+ In Yardlong Bean [Vigna Unguiculata (L.) Walp. Cv.-Gr. Sesquipedalis]
	A-09	MARUBODEE, Rusama	Rad-Seq Analysis For Developing A High Density Linkage Map For Salt Tolerance Qtl Analysis Using A Hybrid Population Derived From Closely Related Parents In Vigna Vexillata
	A-10	TEEINSEREE, Nongluk	Expression Of Alcohol Dehydrogenases (Adh) And Pyruvate Decarboxylase (Pdc) Genes In Jatropha Under Waterlogging Condition
	A-11	SUTJAHJO, Surjono Hadi	Induced Mutations By 495 Gy Gamma Ray Irradiation In Tomato (Lycopersicon Esculentum Mill.)

Session Info	Paper ID	First Author	Title
<b>Plant Production</b>  <b>Nov. 8 (Sun) 09:00~10:30</b>  <b>Room no. 312</b>	A-36	YAHYA, Awang	Kenaf Core Fibre As A Potential Renewable Soilless Growing Media
	A-37	LENG, Vira	Change In Soil Chemical Properties And Microbial Activities Under Conservation Agriculture Compared With Conventional Tillage In Lowland Rice Agroecosystem In Cambodia
	A-38	PARSON, Saradhuldhath	Fruit Size Increase In 'Khai' Banana (Musa Aa) By Cppu And Ga3
	A-39	KIKUNO, Hidehiko	Study On Vine Propagation For Seed Tuber Production Of Water Yam (Dioscorea Alata L.)
	A-40	KARINTANYAKIT, Pinit	Effects Of Different Greenhouse On Transplanting Succession And Growth Of Banana Plantlets At Pakchong Research Station, Thailand
	A-41	NAVARRO, Baby Richard R.	Comparative Analysis Of The Antioxidant Property And Biopigment Production Of Monascus Purpureus Using Taro (Colocasia Esculenta L Schott) And Tannia (Xanthosoma Sagittifolium (L.) Schott Cv As Substrates
<b>Plant Production</b>  <b>Nov. 8 (Sun) 09:00~10:30</b>  <b>Room no. 313</b>	A-66	SITI IZERA, Ismail	Morphological Identification And Molecular Characterization Of Colletotrichum Gloeosporioides Causing Anthracnose Disease On Mango (Mangifera Indica L.) In Malaysia
	A-67	DAMIRI, Nurhayati	Distribution And Control Of Corynespora Leaf Fall Disease On Rubber In Indonesia
	A-68	WIYONO, Suryo	Technique For Field Detection And Inoculation Of Rigidoporus Microporus, White Root Fungus Of Hevea
	A-69	PUJIASTUTI, Yulia	Bioeffectivity Of Bacillus Thuringiensis-Based Product On Media Of Several Agricultural Waste Towards Lepidopteran Insect Pests
	A-70	ROSMANA, Ade	The Impact Of Organic Fertilizer Utilization On Phytophthora Pod Rot And Cocoa Pod Borer Incidences In Cacao Plantation
	A-71	JURUENA, Merlina	Resistance And Susceptibility Of Selected Banana Cultivars To Fusarium Oxysporum F.Sp. Cubense Strains In The Philippines
<b>Social Sciences</b>  <b>Nov. 8 (Sun) 09:00~10:30</b>  <b>Room no. 411</b>	C-7	SALLES, Vince Henry	Enabling Factors Associated With The Implementation Of The National Greening Program Towards Sustainable Agriculture In The Philippines As Perceived By The Students Of A Southern Tagalog Agricultural State University
	C-8	HEDREYDA, Cynthia	Enhancing Agricultural Biotechnology Education : The Philippine Experience
	C-9	HAMZAH, Nur Amalina	Local Community'S Perspectives On Marine Park Area In Tinggi And Sibul Islands, Johor, Malaysia
	C-10	CATELO, Maria Angeles	Moving Toward Going Green: Sustainable Productivity Growth In The Philippine Swine Sector
	C-11	CATELO, Salvador	Valuing Natural Ingredients For Sustainable Agriculture
	C-12	DE GUZMAN, Rowena	Evaluation Of The 'Gulayan Sa Paaralan' (Gpp) In Selected Secondary Schools In Taguig, Philippines
<b>Social Sciences</b>  <b>Nov. 8 (Sun) 09:00~10:30</b>  <b>Room no. 412</b>	C-37	MAZLAN, Norida	Pest Management Practices Of Herbs' Farmers In Malaysia
	C-38	MOHD AZAMAN, Nur Nazurah	Factor Influencing Hygiene Practices Towards Minimizing Aflatoxins Contamination In Peanut-Based Products
	C-39	HIDAYAT, Aceng	Capturing Size Restriction Model Of Blue Crab For Improving Small Fishermen'S Income And Resource Sustainability
	C-40	PANGILINAN, Lei	Impact Assessment Of The Fish For Every Family Project In Occidental Mindoro, Philippines
	C-41	DELOS REYES, Julieta	Preference And Consumption Pattern For Specialty Rice
	C-42	NURFADILLAH, Suryani	Indonesian Broiler Competitiveness Towards Asean Economic Community (Aec)

Session Info	Paper ID	First Author	Title
<b>Animal Life Science</b> <b>Nov. 8 (Sun)</b> <b>09:00~10:30</b> <b>Room no. 413</b>	E-07	YULIA, Yellita	Immunostimulant Effect Of Andrographis Paniculata Nees Extract Methanol To Leucocyte Differentiation Broiler Infected Eimeria Tenella
	E-08	NERAMIT, Sookmanee	Colostrum Immunity Against Classical Swine Fever And Aujeszky'S Disease Derived By Oral And Suckle In Piglets
	E-09	JUNLAPHO, Wirawan	Evaluation Of Staphylococcus Aureus And Escherichia Coli Caused Mastitis And Hygiene Control In Milking Process By Using Duplex Polymerase Chain Reaction Technique.
	E-10	RAUNGPRIM, Taweeporn	Kamphaeng Saen Synthetic Thai Beef Cattle Breed
	E-11	MAITREEJET, Wisut	Study Of Steroid-Based Program For Synchronizing Ovulation On Reproductive Performance Of Brahman X Thai-Native Crossbreed And Kamphaeng Saen Cows
	E-12	MAJARUNE, Sutisa	Influence Of Age On Frozen Semen Quality Of Kamphaeng Saen Bulls
<b>Agricultural Chemistry</b> <b>Nov. 8 (Sun)</b> <b>09:00~10:30</b> <b>Room no. 321</b>	H-01	THANACHOD, Thammachat	Medical Application Of Mucuna Pruriens Seed Cultivate In Thailand
	H-02	SUSAN MAY, Calumpang	Dietary Risk Assessment Of Insecticide Residues In Fresh Salad Vegetables
	H-03	CAGUIOA, Maria Elena	Molecular And Biochemical Characterization For The Enzymatic Expression Of Osglp8-2 In Developing Rice Grain
	H-04	TRUONG NGOC , Minh	Phenolic Compounds And Antioxidant Of Commercial Phalaenopsis
	H-05	PHUNG, Thi Tuyen	Antioxidant Activity And Phenolic Compounds Of Castanopsis Phuthoensis Luong And Castanopsis Grandicaticrata N. H. Xia & D. H. Vuong Growing In Vietnam
	H-06	GULUBDDIN, Gulab	Physiological Study Of Tomato (Solanum Lycopersicum) To Keep Fruit Freshness Under High Temperature Condition

<b>Plant Production</b> <b>Nov. 8 (Sun)</b> <b>11:00~12:30</b> <b>Room no. 311</b>	A-12	ANGELES, Sugar	Hydration-Dehydration With Agnihotra Ash And Potentization Can Improve Seedling Vigor In Rice (Oryza Sativa)
	A-13	OMAE, Hide	Dissemination Study Of Conservation Agriculture In Ghana And Burkina Faso (4) Development Of Dibbles, And Its Utilization With Rock Phosphate For Pigeon Pea Cultivation
	A-14	AMKHA, Suphachai	Effect Of Silicon Fertilizer For Enhancing Growth And Yield Quality Of Sweet Pepper And Melon In Dwt System
	A-15	SUKKAEW, Eakkarin	Utilization Of Calcium Silicate Fertilizer On Pepper Seedling Production
	A-16	RUNGCHAROENTHONG, Pornpairin	Silicon Induced Trichome In Solanum Seedling
	A-17	SAENGKAI, Kriangkrai	Effect Of Calcium Silicate On Yield And Antioxidant Activity In Pepper
<b>Plant Production</b> <b>Nov. 8 (Sun)</b> <b>11:00~12:30</b> <b>Room no. 312</b>	A-42	BANGI, Juliet	Morphogenetic Characteristics Of Traditional Upland Rice Cultivars In Arakan Valley, Cotabato, Philippines
	A-43	ABU SIN, Maizura	Estimation Of Genetic Diversity Among Tropical Forage Corn Inbred Lines Using Molecular Markers And Agronomic Traits For Hybrid Production
	A-44	TANDANG, Leoncia	Characterization, Evaluation And Diversity And Cluster Analyses Of Eighteen Varieties Of Pole Snap Beans In La Trinidad, Benguet, Philippines
	A-45	ABDULLAH, Sumaiyah	Diversity Of Malaysian Lentinus Fr. And Chemical Analysis Of Antioxidative Extract From Mycelia Of Lentinus Squarrosulus Mont.
	A-46	SINTHO WAHYUNING, Ardie	Different Root Anatomical Changes In Salt Tolerant- And Salt Sensitive Foxtail Millet (Setaria Italica L. Beauv) Genotypes
	A-47	DACHAPAK, Sujinna	Genetic Diversity Of Zombi Pea, An Understilted Legume, Assessed By 11 Ssr Markers



Session Info	Paper ID	First Author	Title
<b>Plant Production</b>  <b>Nov. 8 (Sun) 11:00~12:30</b>  <b>Room no. 313</b>	A-72	HONGPRAYOON, Ratchanee	Optimal Storage Condition For Prolonged Use Of Immunochromatographic Strip
	A-73	NAGPALA, Asuncion L.	Diversity Of Microorganisms In Farms Grown With Semi Temperate Crops In High And Mid-Mountain Zones In Benguet Northern Philippines
	A-74	MUHAMMAD, Rusdy	Impact Of Chromolaena Odorata Invasion On Plant Biodiversity, Botanical Composition And Soil Mineral Contents In Pasture Area.
	A-75	BHUVITARKORN, Samabhorn	Symptom Expression And Transmission Of Columnea Latent Viroid Related To Eggplant Growth Stages.
	A-76	SUPARMAN, Suparman	Response Of Parasa Lepida Cramer (Lepidoptera: Limacodidae) To The Inoculation Of Entomopathogenic Virus Extracted From Naturally Infected Setora Nitens Walker (Lepidoptera: Limacodidae)
	A-77	PRADANA, Ankardiansyah Pandu	Exploring The Potential Of Endophytic Bacterial Consortium As Biocontrol For Meloidogyne Javanica In Tomatoes
<b>Social Sciences</b>  <b>Nov. 8 (Sun) 11:00~12:30</b>  <b>Room no. 411</b>	C-13	ROESSALI, Wiludjeng	Management Responses To Farm Risks : Evidence Of Fattening Cattle Business In Central Java Indonesia
	C-14	YUSOFF, Melissa Alina	Constrains, Issues And Challenges In Malaysia Small Ruminant Farming
	C-15	AMBARAWATI, I Gusti Agung Ayu	Rice Farming And Agriculture Insurance In Bali, Indonesia
	C-16	CHAUHAN , Sonali Hasmukh	Adoption, Impact And Sustainable Management Of Medicinal Plant Cultivation For Alternative Income Generation In Tribal Communities In Gujarat
	C-17	AGRUPIS, Shirley	Bioprocessing Of Non-Food Biomass For Sweet Sorghum For Cellulose Ethanol
	C-18	BAGA, Lukman	Islamic Financing Risk Analysis In Agricultural Sector
<b>Social Sciences and Forest Science</b>  <b>Nov. 8 (Sun) 11:00~12:30</b>  <b>Room no. 412</b>	C-43	JUWITA, Riskina	Comparison Analysis Of Characteristics And Profitability Of Nutmeg Production In Bogor Regency, Indonesia
	C-44	FALATEHAN, A Faroby	Input Elasticities And Economic Scale Of Red Chilli In District Of Garut, West Java, Indonesia
	C-45	HYAKUMURA, Kimihiko	"Shakai Jisso": A New Trend In Practical Research To Benefit Society In The Field Of Tropical Agriculture—Satreps Projects As Case Studies
	D-01	ELLEN GRACE, Funesto	Effects Of Physicochemical Factors And The Local Ecological Knowledge On The Population Of Helicostyla Daphnis In Borbon And Sogod, Cebu
	D-02	WAN MOHD NAZRI, Wan Abdul Rahman	Fiberboard Made From Cultivated Leucaena And Rubberwood
<b>Animal Life Science</b>  <b>Nov. 8 (Sun) 11:00~12:30</b>  <b>Room no. 413</b>	E-13	MARIA, Maria Endo Mahata	The Effect Of Different Combination Of Boiled And Unboiled Tomato Waste In Diet On Broiler Performance And Blood Serum Lipoprotein
	E-14	NURAINI, Nuraini	Durian Fruit Waste Fermented By Phanerochaete Chrysosporium And Neurospora Crassa In Quail Diet: Effects On Laying Performance And Egg Quality
	E-15	SIRATHONPONG, Orathai	The Effect Of L-Methionine Replacement On Broiler Performance And Carcass Trait.
	E-16	SAVEEWONLOP, Nitjawan	Effects Of Different Phase Feeding Program And Forms Of Feed On Broiler Performance And Carcass Traits
	E-17	SRIBOONYONG, Pichet	Glycerol-A Great Potential Source Of Energy For Layer
	E-18	TRAIRATAPIWAN, Tassanee	Determination Of Phosphorus Digestibility Of Mono-Dicalcium Phosphate, Monocalcium Phosphate And Dicalcium Phosphate In Broiler Chickens

Session Info	Paper ID	First Author	Title
<b>Agricultural Chemistry</b> <b>Nov. 8 (Sun)</b> <b>11:00~12:30</b> <b>Room no. 321</b>	H-07	TRAN DANG, Xuan	Correlation Among Phytoalexins And Resistance To Drought, Salinity, And Weeds In Rice
	H-08	DO TAN, Khang	Allelochemicals In Germination Of Rice And Weeds
	H-09	LUONG THE, Minh	Phenolic Compounds Involving In Salinity Tolerance Of Rice
	H-10	NGUYEN, Thanh Quan	Involvement Of Secondary Metabolites In Response To Drought Stress Of Rice ( <i>Oryza Sativa</i> L.)
	H-11	YANG, Anhao	Bioactivity Of Root Exudates And Identification Of Allelochemicals From Sweet Sorghum
	H-12	GU, Gangqiang	Biological Control Of Paddy Weeds By Rice Allelopathy

<b>Plant Production</b> <b>Nov. 8 (Sun)</b> <b>13:30~15:00</b> <b>Room no. 311</b>	A-18	MARJORIE, Delos Angeles	Chemical Characteristics Of Abandoned Mine Tailing Ponds Amended With Varying Levels Of Compost In Mankayan Benguet, Philippines
	A-19	LORN, Vicheka	Effects Of Biochar Made From Rice Husk Or Chromolaena Odorata On Bok Choy ( <i>Brassica Rapa</i> Subsp. <i>Chinensis</i> ) In Sandy Floodplain, Cambodia
	A-20	SITI AISHAH, Hassan	Andrographolides, Antioxidant Activity And Biomass Of <i>Andrographis Paniculata</i> As Affected By Time Of Fertilization And Ratoon Crop
	A-21	VIJANDRAN, Rajah	Effect Of Fertilisers Forms On Nitrogen And Potassium Surface Runoff Losses Under Mature Oil Palm
	A-22	YABUTA, Shin	Effect Of Soil Application Of Bio-Char On <i>Jatropha</i> Growth And Water Use Efficiency
	A-23	DEL ROSARIO, Menchie	Response Of Soil Physical-Hydric Variables To Biochar Application
<b>Plant Production</b> <b>Nov. 8 (Sun)</b> <b>13:30~15:00</b> <b>Room no. 312</b>	A-48	GALINDEZ, Jonathan	Performance Of Red Onion (Bulb Type) In Fully Converted Organic Area As Affected By Frequency Of Organic Fertilizer Application Combined With <i>Trichoderma</i> Spp.
	A-49	PATRICIO, Marilyn	Integrated Crop Management Adoption For Production And Postharvest Quality In Mango (Philippine 'Carabao' Var.)
	A-50	CERVANTES, Carmelita	Technology Needs For Small Organic Farmers In The Philippines
	A-51	BENEDICTO, Batiles, Jr	Growth And Yield Response Of Tomato ( <i>Lycopersicon Esculentum</i> ) 'Diamante' Variety On Different Forms Of Fermented Golden Apple Snail ( <i>Pomacea Canaliculata</i> ) Organic Fertilizer Application
	A-52	JURAIMI, Abdul Shukor	Allelopathic Effect Of <i>Tinospora Tuberculata</i> Leaf On Growth Of Weeds In Rice Field
	A-53	IWAI, Chuleemas Boonthai	Poultry Waste Management By Using Vermicomposting Technology Amended With Different Agricultural Residues
<b>Plant Production</b> <b>Nov. 8 (Sun)</b> <b>13:30~15:00</b> <b>Room no. 313</b>	A-78	SWE, Khin Lay	Bio-Resource Management In Rainfed Farming In Central Myanmar
	A-79	RABENA, Mark Anthony	Spatio-Temporal Pattern Of Water And Soil Nutrients And Grain Yield In The Rice Terraces Landscape Of Banaue, Ifugao, Philippines
	A-80	PURWANTO, Yohanes Aris	Classification Of Sugar Acid Ratio In 'Gedong Gincu' Mango Using Near Infrared Spectroscopy
	A-81	EHSAN, Mohaqqeq	Effect Of Low Temperature Storage On Tomato Fruit Quality
	A-82	DAWLAT, Poyesh	Effect Of 1-Mcp Treatment On Quality Of Several Vegetables
	A-83	VIEN, Tran Duc	Effect Of Selected Edible Coatings To Extend Shelf-Life Of Longan Fruits Var. 'Huong Chi'



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	C-22	LAMADRID, Richel	Strengthening The Vegetable Sector In The Cordillera Administrative Region (Car), Philippines Through An Entrepreneurial Oriented Approach
	C-23	GOTO, Naoko	The Bottom-Up Activities Of Farmer'S Groups In Indonesia -A Case Study At Pemalang District, Central Java-
	C-24	WICAKSONO, Agung	Sugarcane Cultivation After The Ruin Of New Order Regime
<b>Animal Life Science</b>	E-19	NORBERTO, Tadeo	Organoleptic And Physical Characteritics Of Milk From Moringa-Fed Buffaloes
<b>Nov. 8 (Sun) 13:30~15:00</b>	E-20	ARITONANG, Salam	The Using Of $\beta$ -Galaktosidase Enzyme From Enterobacter Cloacae To Produce Low Lactose Uht Milk.
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	E-22	ELLY ROZA, Elly Roza	The Haematological Of Lactation Buffalo Fed A Forage Based On Local Feeding As Feed Supplement
	E-23	SALVEDIA, Claire	Effect Of Probiotic Feeding On Weight Gain, Blood Biochemical And Hematological Indices Of Crossbred Dairy Goat Kids
	E-24	BUAPHAN, Sirirat	Effect Of Crude Glycerin Level In Dairy Cow Diets On In Vitro Gas Production
<b>Satellite session</b>	I-01	MIYAURA, Rie	Agricultural Resources And Farmers' Practices For Sustainable Agroecological Management In West Java, Indonesia
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	<b>Room no. 321</b>	I-03	ASEP, Sudarman
	I-04	SYAUKAT, Fadhillah Izzaty	Improving Smallholder Farmers' Livelihood Through Small-Ruminant Husbandry In West Java, Indonesia
	I-05	SYAUKAT, Yusman	Problem Of Limited Capital And Its Impact On Sheep Farmers' Incomes In Petir Village, Bogor Regency, Indonesia
<b>Plant Production</b>	A-24	JUNAEDI, Ahmad	Grain Filling Of Rice Varieties As Response To Temperature Elevation Under Plastic House
<b>Nov. 8 (Sun) 15:30~17:00</b>	A-25	GARCIA, Diana Rose	Productivity Of Heirloom Rice Varieties In Rainfed Lowland Ecosystem: A Climate Change Adaptation Strategy
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	A-27	TAUFIK, Muhammad	Utilization Of Microbes And Reduce Fertilizers To Improve Resistance And Yield Upland Rice
	A-28	PHAM THI THU, Ha	Genetic Variability And Diversity In Drought And Yield Component Traits In Rice (Oryza Sativa. L.)
	A-29	OKADA, Kensuke	Improving Nitrogen And Water Use Efficiency In Contour-Levee Rice System In Colombia

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	A-55	MOHD ISHADI, Nur Adibah	Spinosad Resistance Selected In Field Collected Population Of Diamondback Moth In Selangor, Malaysia
	A-56	I WAYAN, Supartha	Community Characteristics And Potential Of Egg Parasitoids As A Biological Control Agents Of Yellow Rice Stem Borer, Schirpophaga Incertulas Walker {Lepidoptera: Pyralidae} In Bali Of Indonesia
	A-57	KARYANI, Rani Dessy	Suitability Test Of Parasitoid Anagyrus Lopezi De Santis (Hymenoptera: Encyrtidae) On Mealybug Species Associated With Cassava (Manihot Esculenta Crantz)
	A-58	YUNGRAHANG, Sukanya	The Study On Genetic Diversity Of Earthworm From Different Habitat By Coi Gene
	A-59	I WAYAN , Susila	Study On Efficacy Of Nutmeg Essential Oil (Myristica Fragans Houtt) As An Attractant And Botanical Insecticide Of Fruit Fly (Bactrocera Dorsalis Complex)
<b>Aquatic science</b>  <b>Nov. 8 (Sun)</b> <b>15:30~17:00</b>  <b>Room no. 313</b>	B-01	JOSUE, Danilo	Empowering Communities Through Capacity Building In Conflict Affected Areas In Mindanao (Cd-Caam) Program: Promoting Tilapia Culture1
	B-02	PAPA, Delfin	Empowering Communities Through Capacity Building In Conflict Affected Areas In Mindanao (Cd-Caam) Program: Promoting Tilapia Marketing1
	B-03	SANCHEZ, Jacob Anderson	Dna Barcoding Of "Sinarapan", Mystichtys Luzonensis (Smith, 1902) In Four Different Lakes Of Bicol Region
	B-04	PENDATUN , Patarasa	Outcomes Of Pilot Projects Under Capacity Building In Conflict Affected Areas In Mindanao (Cd-Caam) Program
	B-05	RAGASA, Lorenz Rhuell	Analysis Of Immune Related Genes In Milkfish (Chanos Chanos ) By Transcriptome Sequencing
	B-06	Cong, Vo Huu	Electrochemical Response And Removal Of Endocrine Disrupting Chemical By A Carbon Electrolytic Reactor
<b>Social Sciences</b>  <b>Nov. 8 (Sun)</b> <b>15:30~17:00</b>  <b>Room no. 411</b>	C-25	NENA, Pajarillo	The Indigenous Food And Its Role In Household Food Security Among The Tau-Buids In Occidental Mindoro, Philippines
	C-26	LUMBO, Susanita	Upland Women And Climate-Responsive Farming In The Highlands Of Occidental Mindoro, Philippines
	C-27	NISHIMURA, Yoshihiko	A Study Of The Farming System In Hilly Areas In Son La, Northwest Vietnam
	C-28	CUETO, Carol	Are Rice Tenants Paying More Than The True Economic Land Rent?
	C-29	BULATAO, Mary Jean	Enhancing The Livelihood Opportunities Of Women Farmers Of Mulanay, Quezon, Philippines
	C-30	SULTAN, Hardiyanti	The Effect Of Transaction Cost On Profits And Capital Formation Of Soybean Farming In Lamongan, East Java
<b>Agro-engineering</b>  <b>Nov. 8 (Sun)</b> <b>15:30~17:00</b>  <b>Room no. 413</b>	F-01	SUMALDE, Adrian Augusto	Empirical Evaluation Of Crystalline Silicon And Amorphous Silicon Thin-Film Photovoltaic Module Output Power And Efficiency Using Current-Voltage Characteristics
	F-02	MAORE, Jacob	Development Of Portable Artificial Rainfall Simulator For Evaluating Sustainable Farming Practices In Kenya
	F-03	DAWLATZAI, Abdul Malik	Current Agricultural Conditions And Constrains In Paktya Province Of Afghanistan
	F-04	HASBI, Hasbi	Performance Of Rice Husk Energy Box Dryer Using Strip Exchanger Type For Paddy Drying
	F-05	NAKAGIRI, Takao	Possibility Of Estimation Of Actually Cultivated Area In Paddy Field Using Modis Images
	F-06	MUHAMMAD, Hatta	The Production Of Syrup Sugar From Jackfruit Using A Membrane Technology
<b>Satellite session</b>  <b>Nov. 8 (Sun)</b> <b>15:30~17:00</b>  <b>Room no. 321</b>	I-06	DADANG, Dadang	Mortality Effect Of Tephrosia Vogellii And Alpinia Galanga Extracts Againts Myzus Persicae
	I-07	MASUYAMA, Kohei	Effects Of Rainy Season Pruning On Flowering Of Calamondin (X Citrofortunella Microcarpa)
	I-08	YOSHIDA, Mika	Antioxidant Capacity Of Calamondin (X Citrofortunella Microcarpa) Fruits And Commercial Beverage Products In The Philippines
	I-09	KAWAI, Yoshitaka	Effects Of Benzyladenine And Light On Calamondin (X Citrofortunella Microcarpa) Postharvest Fruit Color And Quality

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P02	SYAHRUDDIN, Erman	Effect Of Substitution Of Fermented Kapok Seed (Ceiba Petandra) To Soybean Meal On Production And Egg Quality From Native Laying Hens
P03	ZAULDA, Fides Angeli	Genetic Diversity Of The Banana Bunchy Top Virus (Bbtv) In The Philippines
P05	ENCARNACION, Richard	Construction Of A Plant Transformation Cassette Using A Red Fluorescent Protein (Rfp) Gene
P06	LORENZANA, Louella Rowena	Development Of A Bait Trap For Mango Pulp Weevil [Sternochetus Frigidus (Fabr.)(Coleoptera: Curculionidae)] In The Philippines
P07	RAMOS, Margarete	Salicylic Acid Induced Reduction Of Single Cymbidium Mosaic Potexvirus (Cymmv) And Mixed Cymbidium Mosaic Potexvirus And Odontoglossum Ringspot Tobamovirus (Orsv) Infection In In-Vitro Mokara Protocorm Cultures
P08	AQUINO, Vermando	Molecular Characterization And Detection Of Two Bunchy Top Viruses Infecting Abaca In The Philippines
P09	RAMOS, Margarete	Salicylic Acid Induced Reduction Of Single Cymbidium Mosaic Potexvirus (Cymmv) And Mixed Cymbidium Mosaic Potexvirus And Odontoglossum Ringspot Tobamovirus (Orsv) Infection In In-Vitro Mokara Protocorm Cultures
P10	TAYOBONG, Ryan Rodrigo	Balbas Bakiro (Momordica Cochinchinensis): An Underutilised “Super” Fruit In The Philippines
P11	APACIONADO , Bryan	Edible Landscaping Starter Kit: A Promotional Material For Technology Adoption In The Philippines
P12	ALGAR, Ara Fatima	Exploring The Potential Uses Of Philippine Edible Canna (Canna Indica)
P13	MEDINA, Norma	Propagation Of Selected Philippine Indigenous Plants With Potential Economic Uses
P14	SANCHEZ, Fernando Jr.	Nationwide Information Dissemination Of Edible Landscaping To Attain Self-Sufficiency In Household Level
P18	GONZALES, Ines	Empowering Potato Farmers To Produce Quality Planting Materials
P19	SIMATUPANG, Zulfahrizal	Prediction Of Fat Content In Intact Cocoa Beans Using Near Infrared Reflectance Spectroscopy
P20	GAYAO, Betty	Traditional Roots And Tubers Diversity And Knowledge Transfer Among Four Indigenous Peoples In Northern Philippines
P21	MELDOZ, Dalen	Indigenous Knowledge And Production Of Roots And Tubers Among Kalanguya Tribes Of Nueva Vizcaya, Northern Philippines
P22	SASAKI, Megumi	Comparison Of Egyptian Maize Cultivars On Effects Of Salt Treatments On Growth, Yield And Mineral Components
P23	AZIZI, Muhammad Alif	Entomopathogenic Nematodes Exploration And Potential Test As Practical, Effective, And Environmentally Friendly Termites (Coptotermes Spp. And Cryptotermes Spp.) Biological Control Agents
P24	ENDO, Fuyoru	Contribution Of Nutrient Derived From Seawater To Sugarcane By Using Stable Sulfur Isotopic Method
P25	RONALDO, Orpiano	Correlating Soil Physical Properties With The Yield Of Dry-Seeded And Transplanted Rice In Ecologically- Intensified Rice-Based Cropping Systems
P26	ANDO, Kazuo	Pra On Emergency Measure For Agricultural Damage By Cyclone In Hatiya Island, Bangladesh
P27	SUGIYAMA, Tomomi	Effects Of Bacteria Isolated From Anaerobically Digested Dairy Slurry On Fusarium
P28	OMARI , Richard Ansong	Influence Of N Application Rates On Soil Chemical And Biological Composition At Two Agro-Ecological Zones In Ghana
P29	LAPITAN, Victoria	Genetic Improvement For Upland Rice Through Marker-Assisted Selection (Mas) For Tolerance To Phosphorus Deficiency

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P33	TAKARAGAWA, Hiroo	Effects Of Bio-Char Application On Soil Properties And Sunflower Growth
P34	TAKADA, Kanako	Study On Biological Nitrogen Fixation Associated With Water Yam ( <i>Dioscorea Alata</i> L.)
P35	MATSUMOTO, Maiko	Characterization Of Artificial-Polyploid Plants On White Guniea Yam ( <i>Dioscorea Rotundata</i> Poir.)
P36	KEATISAK, Soisuwan	Effect Of Ginger Root Powder Supplementation On Growth Performances And Carcass Characteristics Of Broiler Chickens As Rearing In Hot Climate
P37	CHUTIMANUKUL, Preuk	Growth Of Sago Palm Seedlings Under Different Soil Ph Conditions At The Experimental Farm In Kendari, Indonesia
P38	ANDREA, Flores	Use Of Electrical Conductivity In Soil-Specific Nitrogen Fertilizer Recommendation For Sugarcane Production
P39	MANGAWIL, Lirio Gudina	Isolation Of Phosphate Solubilizing Microorganisms (Psm) From Vegetables Rhizosphere And Its Germination Effect On Tomato ( <i>Lycopersicon</i> Spp.)
P40	KIKUTA, Mayumi	Yield Performance Of Nericas Under Different Water Management Practices In Mwea, Kenya
P41	RAHIM, Muhammad Danial	Simultaneous Multiplex Rt-Per Detection Of Papaya-Infecting Potyvirus Species
P42	KAKEHASHI, Takahiro	Effects Of Sri Methods On Growth And Yield Of Rice In Mwea, Kenya
P43	JOAN, Agustin	Modified Atmosphere Packaging Extends Storage Life Of Dragon Fruit <i>Hylocereus Polyrhizus</i> (Weber) Britton & Rose]
P44	QUILANG, Jonas	Genetic Variation Of Milkfish ( <i>Chanos Chanos</i> ) Broodstock And Hatchery-Produced Fingerlings And Juveniles In The Philippines
P45	SANTOS, Brian	Shape Differences In Five Strains Of Genetically Improved Nile Tilapia ( <i>Oreochromis Niloticus</i> ) Using Geometric Morphometrics
P46	TAKEDA, Shinya	Diffusion Of 'Community Forestry' And 'Paddy Agroforestry' Among Swiddeners In The Bago Mountains Of Myanmar
P47	JANMANEE, Orn-Anong	Proteomic Analysis Of Milk Protein Component And Concentration Based On Sds-Page To Detect Powdered Milk In Raw Cow Milk
P48	NGUYEN PHU, Toan	Involvement Of Secondary Metabolites Relevant To Blast Disease Resistance Of Rice
P49	BASIAO, Zubaida	Dna Barcoding Of Feral Tilapias In Philippine Lakes
P50	BENJAMIN, Joanne Pearl Frances	Rapd Analysis In Wild And Hatchery-Bred Milkfish Juveniles ( <i>Chanos Chanos Forsskål</i> )
P51	MIKI, Takahiro	Evaluation For Cooked Rice Properties Of An Eating-Quality Qtl In <i>Oryza Sativa</i> L. Cv. Koshihikari
P52	MARUYAMA, Keisuke	Characteristics Of Fermented Wheat Starch And Application In Processed Foods
P53	TSUJII, Yoshimasa	Japanese Cooked Rice Metabolome Analysis By Gas Chromatography-Mass Spectrometry
P54	NAGASHIMA, Mami	Field Survey Of Roselle ( <i>Hibiscus Sabdariffa</i> L.) And Kenaf ( <i>Hibiscus Cannabinus</i> L.) In Myanmar, 2015
P55	BOTANGEN, Esther	Evaluation Of Potato Entries For Its Chipping Quality