



ISSAAS INTERNATIONAL CONGRESS 2010

"Agricultural Adaptation in Response to Climate Change"

BALI, 14 - 18 NOVEMBER 2010



Website: www.issaasbali.org

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TENTATIVE SCHEDULE

Saturday 14 November 2010		
08.00-	-	The participants were picked up from Ngurah Rai Air Port
18.00-19.00	-	Dinner (ISSAAS Board Members) Venue: Inna Grand Bali Beach Restaurant
Sunday 15 November 2010		
08.00-09.00	-	Registration
09.00-09.05	-	Welcome dance : Pendet Dance
09.05-09.15	-	Welcoming address by President of ISSAAS. Prof. Dr. Dewa Ngurah Suprpta, M.Sc
09.15-09.20	-	Address by The Secretary of The Society for Agricultural Educatin Research Board (SAEDA)
09.20.09.30	-	Opening of the Conference, by The Governor of Bali Made Mangku Pastika
09.30-10.30		Keynote Speech by By Minister of Environment Republic of Indonesia "Agriculture adaptation in respond to climate change"
10.30-11.00		Refreshment Break
11.00-12.00		ISSAAS General meeting
12.00-13.00		Lunch
Plenary Session		
Chairman: Prof. Dr. Tineke Mandang/Prof. Dr. Roberto Ranola		
13.01-13.20	-	Indonesia : Prof. Dr. I Wayan Kasa Local Wisdom in Relation to Climate Change
13.20-13.40		Indonesia : Dr. Yusman Syaukat
13.40-14.00	-	Japan : Dr. Hiroyuki Kawashima Climate Change and Agriculture
14.00-14.20		Malaysia : Prof. Dr. Ghizan Saleh Direction In Utilisation Of Crops For Bio-Energy In



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		Malaysia In Response To Climate Change
14.20-14.40	-	Philippine: Dr. Romeo R. Quilang Philippine Policies on Agribusiness and Rural Development to Adopt with Climate Change
14.40-15.00	-	Thailand : Associate Professor Uthai Kantho An Integrated Animal-Plant Agriculture in Thailand in Response to Climate Change
15.00-15.20	-	Vietnam : Associate Prof. Dr. Tran Duc Vien Climate change and its impact on agriculture in Vietnam
15.20-15.30		Floor discussion
15.30-16.00		Refreshment Break

Academic Presentation (16.00-17.00)

Room A. Agricultural Biotechnology to Breed Plants and Animals

16.00-16.12	-	IDENTIFICATION OF A POTYVIRUS ASSOCIATED WITH MOSAIC DISEASE ON PATCHOULI PLANTS IN INDONESIA (<u>Rita Noveriza</u>)
16.12-16.24	-	THE EFFECTS OF NUMBER OF SCIONS GRAFTED AND CUT-DOWN PRODUCTIVE BRANCHES ON THE GROWTH OF NEW SHOOTS IN SIDE GRAFTING TECHNIQUE OF CASHEW TREES (<u>Imam Suharto</u>)
16.24-16.36	-	THE ELIMINATION OF <i>Cymbidium mosaic virus</i> FROM <i>Dendrobium</i> ORCHID PLBs BY CHEMOTHERAPY (<u>Sermisiri Chanprame</u>)
16.36-16.48	-	DEVELOPMENT OF BIO-PCR TECHNIQUE FOR DETECTION OF <i>Xanthomonas campestris</i> pv. <i>Vesicatoria</i> (<u>Niphone Thaveechai</u>)
16.48.17.00	-	APPLICATION OF NEW MICROBIAL FORMULATION FOR INCREASED GLUCOSINOLATE CONTENT AGAINST HEAVY RAIN AND DISEASES OF KALE CROP (<u>Nalina Hemsanit</u>)

Room B. Rural Development and Agribusinesses

16.00-16.12	-	PANGASINAN STATE UNIVERSITY ORGANIC FERTILIZER PROJECT EXTENSION STRATEGIES AND INITIATIVES (<u>Elisa S. Della</u>)
16.12-16.24	-	MUSHROOM FOR PROFIT: A LIVELIHOOD ASSISTANCE PROJECT FOR THE MARGINALIZED SECTORS IN REGION I (<u>Cesar G. Della</u>)
16.24-16.36	-	ECONOMIC ANALYSIS OF THE CONVERSION TO A MORE FRIENDLY FARM MANAGEMENT: A STUDY IN CIANJUR DISTRICT, WEST JAVA, INDONESIA (<u>Siti Jahroh</u>)
16.36-16.48	-	ENVIRONMENTAL PERFORMANCE EVALUATION CHICKEN FARM CASE STUDY MO2 TAYTALAD MUENG LOPBURI (<u>Palagon Songtarn</u>)



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16.48.17.00	-	COMPETITIVENESS ANALYSIS OF SMALL AND MEDIUM-SIZED ENTERPRISES IN THE NORTHERN RURAL AREAS OF VIETNAM (Nguyen Hung Anh)
Room C. Food Security and Development of Bioenergy		
16.00-16.12	-	OPTIMIZATION OF THE SPRAY DRYING PERFORMANCE OF BANABA [<i>Lagerstroemia Speciosa</i> (L.) PERS.] LEAF EXTRACT FOR INSTANT TEA (Mari Rowena C. Tanquilut)
16.12-16.24		SUSTAINABLE BIOENERGY DEVELOPMENT AND FOOD SECURITY UNDER THE CLIMATE CHANGE CONDITION (I Wayan Budiasa)
16.24-16.36		GROWING RICE ON AN AMENDED ACID SULFATE SOIL UNDER RAIN-FED CONDITION (J. Shamshuddin)
16.36-16.48		HEALTH COST OF PESTICIDE USE PRACTICES IN MUNG BEAN (<i>Vigna radiata</i> L) PRODUCTION IN MYANMAR (Seinn Seinn Mu)
16.48.17.00		PERFORMANCE EVALUATION OF SWEET SORGHUM LINES FOR BIO-ETHANOL AND GRAINS UNDER PANGASINAN CONDITION (Cesar G. Della)
Room D. Bioresource Management and Revitalization of Local Wisdom		
16.00-16.12	-	HYPOGLYCEMIC EFFECT OF <i>Lagerstroemia Speciosa</i> (L.) PERS. ON ALLOXAN-INDUCED DIABETIC MICE (Neil C. Tanquilut)
16.12-16.24		CLIMATE CHANGE ADAPTATION OF PRIORITY FAUNAL SPECIES IN MOUNT ISAROG NATURAL PARK (MINP) (Lirag, Ma. Teresa B)
16.24-16.36		GLOBAL-OVER FISHING: UNDER THE CONDITION OF CLIMATE CHANGE (Anucha Wittayakorn-Puripunpinyoo)
16.36-16.48		CO ₂ AND N ₂ FUMIGATION FOR ORCHID SNAIL CONTROL (Parson Saradhuldhath)
16.48.17.00		IMPACTS OF FLOWERING TREES ON CLIMATE CHANGE IN METROPOLITAN AREAS (Fernando C. Sanchez, Jr)
19.00-21.00	Welcome Party for The International Participants Location : Jaya Sabha (The Residence of Bali Province Governor)	

Monday 16 November 2010

Academic Presentation (09.00- 10.00)

Room A. Agricultural Biotechnology to Breed Plants and Animals

09.00-09.12	-	IMPROVED RICE RESISTANCE TO DISEASE AND DROUGHT STRESS AFTER TREATMENT WITH NEW MICROBIAL PRODUCT AFFECTS ANTIOXIDANT REGULATION (Sutruedee Prathuangwong)
09.12-09.24	-	IMPROVING THE YIELD PERFORMANCE OF CABBAGE IN CLUBROOT INFESTED SOIL IN NORTHERN PHILIPPINES USING BENEFICIAL MICROORGANISM (Asuncion L. Nagpala)
09.24-09.36	-	ESTABLISHMENT OF CRITICAL PEST LEVEL AND



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		PHENOLOGICAL FORECAST OF THE LEAF HOPPER, <i>Amrasca Biguttula</i> AND ASSOCIATED INSECT PESTS ATTACKING OKRA, <i>Hibiscus Esculentus (L)</i> . (<u>Manuelo V. Agsaoay</u>)
09.36-09.48	-	INCORPORATING CLIMATE CHANGE ADAPTATION INTO SUSTAINABLE DEVELOPMENT: A CASE STUDY OF SALT WATER INTRUSION IN SOUTHERN VIETNAM (<u>Atsuko Tanaka</u>)
09.48.10.00	-	MOLECULAR CHARACTERIZATION OF CYMBIDIUM MOSAIC VIRUS (CymMV) INFECTING ORCHIDS IN JAVA, INDONESIA (<u>Irwan Lakani</u>)
Room B. Rural Development and Agribusinesses		
09.00-09.12	-	DECISION MAKING BY UPLAND FARMERS ON FOREST MANAGEMENT IN THE NORTHWEST MOUNTAINOUS REGION OF VIETNAM (<u>Trinh Quang Thoai</u>)
09.12-09.24	-	A SITUATION OF MATRITIS – MASTITIS – AGALACTIA (MMA) SYNDROME IN EXOTIC SOWS RAISING AT FARMS IN THAI BINH PROVINCE, VIETNAM AND PRESCRIPTIONS TO TREAT (<u>Trinh Dinh Thau</u>)
09.24-09.36	-	VERTICAL INTEGRATION IN PRODUCTION AND DISTRIBUTION OF EXPORTED VEGETABLES: PERSPECTIVES OF FARMERS AND FIRMS IN LUC NAM DISTRICT, BAC GIANG PROVINCE, VIETNAM (<u>Nguyen Anh Tru</u>)
09.36-09.48	-	ACCESSIBILITY TO RURAL PUBLIC SERVICES IN VIETNAM :AN OUTLOOK FROM THE RED RIVER DELTA (<u>Le Huu Anh</u>)
09.48.10.00	-	SUSTAINABILITY OF THE INDIGENOUS WOMEN'S UPLAND FARMING SYSTEM: LESSONS FOR CLIMATE CHANGE ADAPTATION IN THE HIGHLANDS OF OCCIDENTAL MINDORO, PHILIPPINES (<u>Susanita G. Lumbo</u>)
Room C. Food Security and Development of Bioenergy		
09.00-09.12	-	THE POTENTIAL OF GREENHOUSE GAS REDUCTION FROM CLEAN DEVELOPMENT MECHANISM IMPLEMENTATION IN SWINE FARMS IN THAILAND (<u>Naphawan Deepankaeo</u>)
09.12-09.24		PACKAGE OF TECHNOLOGY (POT) FOR CHICKPEA PRODUCTION UNDER LOWLAND AND HIGHLAND CONDITIONS OF BENGUET PROVINCE, PHILIPPINES (<u>F. R. Gonzales</u>)
09.24-09.36		ANTIMICROBIAL ACTIVITY OF KEFIR AND LACTIC ACID BACTERIA ISOLATED FROM KEFIR (<u>Ketut Suriasih</u>)
09.36-09.48		THE EFFECT OF LENGTH OF DELAYED PROCESSING AND CONDITIONING ON THE QUALITY OF CURED VANILLA BEANS (<u>Nyoman Sucipta</u>)
09.48.10.00		DROUGHT TOLERANCE EVALUATION OF RICE AT DIFFERENT WATER SUPPLY, CULTIVATED UNDER VINYL HOUSE (<u>Junaedi</u>)
Room D. Bioresource Management and Revitalization of Local Wisdom		
09.00-09.12	-	POTENTIALS OF AGROFORESTRY IN CLIMATE CHANGE ADAPTATION: EXPERIENCES OF THE SELECTED



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		AGROFORESTRY FARMERS IN THE PHILIPPINES (<u>Lutgarda L. Tolentino</u>)
09.12-09.24		ASSOCIATION OF ROOT-KNOT NEMATODE SPECIES, <i>Meloidogyne</i> spp. WITH BRANCHED TUBER DISEASE ON CARROT IN INDONESIA (<u>Wawan Kurniawan</u>)
09.24-09.36		DISTRIBUTION OF DRY MASS, NITROGEN, PHOSPHORUS AND POTASSIUM IN THAI PUMMELO FRUITS (<u>Lop Phavaphutanon</u>)
09.36-09.48		CHARACTERISTICS OF ROADSIDE PUMMELO STALLS IN NAKHON PATHOM PROVINCE, THAILAND (<u>Lop Phavaphutanon</u>)
09.48.10.00		RICE STRAW DEGREADATION BY THERMOPHILIC FUNGI UNDER LIQUID AND SOLID STATE FERMENTATION (<u>Pradub Reanprayoon</u>)

10.00.10.30		REFRESHMENT BREAK
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Academic Presentation (10.30- 11.30)

Room A. Agricultural Biotechnology to Breed Plants and Animals

10.30-10.42	-	DEVELOPMENT OF WATER MANAGEMENT IN PADDY FIELDS TO REDUCE METHANE EMISSION (<u>Duangnapa Vanichsan</u>)
10.42-10.54		YELLOWING DISEASE OUTBREAKS IN TOMATO IN INDONESIA ASSOCIATED WITH INFECTION OF <i>TOMATO CHLOROSIS VIRUS</i> AND <i>TOMATO INFECTIOUS CHLOROSIS</i> (<u>G. Suastika</u>)
10.54-11.06		PERFORMANCE OF GRAFTED TOMATO UNDER DIFFERENT PROTECTIVE STRUCTURES IN TARLAC PROVINCE (<u>Tessie A. Boncato</u>)
11.06-11.18		GEOGRAPHICAL DISTRIBUTION OF EGGPLANT (<i>Solanum melongena</i> Linn.) VARIETIES IN THE LANDSCAPE OF ALBAY PROVINCE: PHENOLOGY AND STOCHASTICITY OF GERMPLASM (<u>Joey A. Soniega</u>)
11.18-11.30		BACTERIAL LEAF BLIGHT ON <i>Acacia crassicarpa</i> CAUSED BY <i>Xanthomonas campestris</i> IN INDONESIA (<u>Tjahjono B</u>)

Room B. Rural Development and Agribusinesses

10.30-10.42	-	SUSTAINABLE AGRICULTURAL DEVELOPMENT EXTENSION PROGRAM (SADEP): THE OMSC's PARADIGM IN EDUCATING COMMUNITIES ON CLIMATE CHANGE ADAPTATION IN OCCIDENTAL MINDORO, PHILIPPINES (<u>Mary Yole Apple M</u>)
10.42-10.54		ASSESSMENT OF THE EFFECTS OF REGULATING THE USE OF PLASTIC BAGS AS PACKAGING MATERIAL IN COMMERCIAL ESTABLISHMENTS IN LOS BANOS, LAGUNA PHILIPPINES (<u>Julieta A. Delos Reyes</u>)
10.54-11.06		USING OF BEEF SKIN FOR MAKING CRACKLINGS IN THAILAND (<u>Wirat Sumon</u>)
11.06-11.18		COMPARATIVE STUDY OF AGRICULTURAL LAND USE SYSTEM IN THREE PROVINCES IN THE RED RIVER DELTA, VIETNAM



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		(Phan Vu Quynh Chi)
11.18-11.30		IN RESPONSE TO CLIMATE CHANGE: ADAPTIVE MEASURES IN FARMING AS PERCEIVED BY CHILDREN IN THE PHILIPPINES? (Florante D Solano)
Room C. Food Security and Development of Bioenergy		
10.30-10.42	-	WATER CONSUMPTION VARIATION AMONG RICE VARIETIES SHOWING POSSIBILITY TO EXPLORE BENEFIT OF WATER USE EFFICIENCY (Supijatno, A)
10.42-10.54		GROWTH AND YIELD PERFORMANCE OF AN UPLAND RICE VARIETY UNDER VARYING LEVELS OF ORGANIC FERTILIZER AND DIFFERENT TILLAGE SYSTEMS (Mario B. Marigmen)
10.54-11.06		PROCESSING AND UTILIZATION OF REJECTS AND NON-MARKETABLE CARABAO MANGO FRUITS (L.M. Valdez)
11.06-11.18		THE NUTRIENT SUPPLYING AND PESTICIDAL EFFECTS OF RICE DUCK FARMING SYSTEM (Antonio J. Barroga)
11.18-11.30		AFLATOXIN- PRODUCING POTENTIAL OF <i>Aspergillus</i> AND <i>EUROTUM</i> ISOLATED OF RICE (Yazdani, D)
Room D. Bioresource Management and Revitalization of Local Wisdom		
10.30-10.42	-	GEOGRAPHICAL INFORMATION SYSTEM OF ENDANGERED TREES OF BALI ISLAND (Made Suidiana Mahendra)
10.42-10.54		AGRICULTURAL ADAPTATION IN A PROTECTED TROPICAL HABITAT : IMPACT OF CHAIN REACTION (Kua Rittiboon)
10.54-11.06		DEVELOPMENT OF SOIL FERTILITY INFORMATION SYSTEM (SFIS) USING OPEN SOURCE GIS TOOLS AS AN ADAPTATION TO CLIMATE CHANGE: THE CASE OF LIBON, ALBAY, PHILIPPINES (Edwin R. Abucay)
11.06-11.18		REVITALIZATION OF LOCAL WISDOM TO RESPONSE CLIMATE CHANGE IN SMALL ISLANDS: A CASE OF MALUKU PROVINCE (Wardis Girsang)
11.18-11.30		EFFICACY OF ENTOMOPATHOGENIC FUNGI AGAINST COCOA POD BORRER, <i>Conopomorpha cramerella</i> (Senellen) (Lepidoptera: Gracillariidae) (I W. Susila)

Academic Presentation (11.30- 12.30)

Room A. Agricultural Biotechnology to Breed Plants and Animals

11.30-11.42	-	OCCURRENCE OF BACTERIAL WILT ON ACACIAS AND EUCALYPTS IN INDONESIA (Tjahjono B)
11.42-11.54		THE USE OF H ₂ O ₂ FOR THE STUDY OF SOIL ORGANIC MATTER STABILIZATION (A. Siregar)
11.54-12.06		DEVELOPMENT AND VALIDATION OF THE RAPID IMMUNOCHROMATOGRAPHIC STRIP FOR <i>Cucumber Green Mottle Mosaic Virus</i> (Ratchanee Hongprayoon)
12.06-12.18		THE POTENTIAL NEW 'MARRIAGE' BETWEEN POLICY STUDIES AND APPLIED SCIENCE AND TECHNOLOGY: THE EXAMPLE OF



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		THE LINK BETWEEN CLIMATE CHANGE AND THE AGRICULTURAL SCIENCES (<u>Cameron Richards</u>)
12.18-12.30		COMPARATIVE PERFORMANCE OF DIETARY PEPTIDES IN HOGS (<u>Antonio J. Barroga</u>)
Room B. Rural Development and Agribusiness		
11.30-11.42	-	BIOTECHNOLOGY-BASED PLANT AND ANIMAL BREEDING: PERCEPTION OF PEOPLE IN A RURAL COMMUNITY IN THE PHILIPPINES (<u>Dorothy C Solano</u>)
11.42-11.54		PERCEPTION ON CLIMATE CHANGE OF PEOPLE IN A RURAL COMMUNITY IN THE PHILIPPINES (<u>Florie B. Gapido</u>)
11.54-12.06		THE PHILIPPINE COMPREHENSIVE AGRARIAN REFORM PROGRAM : ITS PERCEIVED IMPACT TO ECONOMIC DEVELOPMENT OF FARMERS (<u>Virgie N Callo-Etis</u>)
12.06-12.18		LAND USE CHANGE IN HUAYNAMPHUNG SUB-WATERSHED, THAILAND: TREND, DRIVERS AND RECOMMENDATIONS FOR SUSTAINABLE LAND USE MANAGEMENT (<u>D.B. Magcale-Macandog</u>)
12.18-12.30		APPLICATION OF GEOMATICS AND SYSTEMS APPROACH MODELING IN ASSESSING RAINFALL-INDUCED LANDSLIDES IN INFANTA, QUEZON: OPTIONS FOR CLIMATE CHANGE ADAPTATION OF HUMAN SETTLEMENTS (<u>D.B. Magcale-Macandog</u>)
Room C. Food Security and Development of Bioenergy		
11.30-11.42	-	DIFFERENTIAL CARBOHYDRATE METABOLISM OCCURS DURING SUBMERGED GERMINATION AND EARLY GROWTH IN BARNYARDGRASS (<i>Echinochloa</i> spp.) AND CONTRASTING RICE (<i>Oryza sativa</i> L.) GENOTYPES (<u>Lucy P. Estioko</u>)
11.42-11.54		WATER REGIMES AND NUTRIENT REQUIREMENTS FOR AEROBIC RICE PRODUCTION SYSTEM (<u>Junel B. Soriano</u>)
11.54-12.06		LONGEVITY OF SAFED MUSLI (<i>Chlorophytum borivillianum</i>) UNDER DIFFERENT STORAGE CONDITION (<u>J. J. Nakasha</u>)
12.06-12.18		RESPONSE OF TWO SOYBEAN VARIETIES TO THE APPLICATION OF ORGANIC FERTILIZERS IN SATURATED SOIL CULTURE SYSTEM (<u>Sandra Arifin Aziz</u>)
12.18-12.30		RESPONSE OF TWO SOYBEAN VARIETIES TO THE APPLICATION OF ORGANIC FERTILIZERS IN AN ORGANIC FARMING SYSTEM (<u>Maya Melati</u>)
Venue: Room D. Bioresource Management and Revitalization of Local Wisdom		
11.30-11.42	-	POPULATION DENSITY AND SOIL MICROBIAL DIVERSITY IN BANANA PLANT HABITAT WITH AND WITHOUT FUSARIUM WILT SYMPTOM (<u>I Made Sudarma</u>)
11.42-11.54		MAIN DESEASES OF <i>Aloe Barbadensis</i> MILLER IN BALI (<u>Retno Kawuri</u>)
11.54-12.06		CURRENT BIODIVERSITY AND DISTRIBUTION OF



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		FRESHWATER FISHES FROM INLAND WATERS IN CENTRAL LUZON, PHILIPPINES (<u>Karl Marx A. Quiazon</u>)
12.06-12.18		EFFECTIVENESS, GROWTH, AND SURVIVAL OF PLANT GROWTH PROMOTING BACTERIA (PGPB) IN THREE SOILS (<u>Jayvee Cruz</u>)
12.18-12.30		ENHANCED EX-SITU BIOREMEDIATION OF SOIL CONTAMINATED WITH PETROLEUM HYDROCARBONS (<u>Rowena R. Sazon</u>)
12.30-13.30		LUNCH

Academic Presentation (13.30- 14.30)

Room A. Agricultural Biotechnology to Breed Plants and Animals

13.30-13.42	-	PRODUCTION OF POLYCLONAL ANTIBODY AGAINST AN INDONESIAN ISOLATE OF CHRYSANTHEMUM VIRUS B (CVB) (<u>I Gede Rai Maya Temaja</u>)
13.42-13.54		ANTICLASTOGENIC EFFECTS OF BANABA (<i>Lagerstroemia speciosa</i>) AND VIRGIN COCONUT OIL (<i>Cocos nucifera</i>) ON THE CHROMOSOME BREAKING POTENTIAL OF TETRACYCLINE-INDUCED IN SPRAGUE DAWLEY RATS (<u>Geraldine C. Sanchez</u>)
13.54-14.06		GERMINATION MEDIA FOR PHYSIC NUT (<i>JATROPHA CURCAS</i>) SEEDNUTS (<u>Fe B. Perlas</u>)
14.06-14.18		POTTING MEDIA FOR PHYSIC NUT (<i>Jatropha curcas</i>) SEEDLINGS GROWN UNDER OPEN AND GREENHOUSE CONDITIONS (<u>Fe B. Perlas</u>)
14.18-14.30		SURVIVAL OF PHYSIC NUT (<i>Jatropha curcas</i>) AS INFLUENCED BY PLANTING METHOD (<u>Fe B. Perlas</u>)

Room B. Rural Development and Agribusinesses

13.30-13.42	-	PILOT DEMONSTRATION OF FARMER-MANAGED EARWIG (<i>Euborellia annulata</i>) MASS PRODUCTION: A STRATEGY FOR ACCELERATING ADOPTION FOR CONTROL OF ASIAN CORN BORER (<i>Ostrinia furnacalis</i> Guenee) AND OTHER MAJOR INSECT PESTS OF CORN (<u>JS Tolentino, Jr</u>)
13.42-13.54		ADAPTATION OF FARMING COMMUNITIES TO CLIMATE CHANGE AND CLIMATE RELATED HAZARDS (<u>Roberto F. Rañola</u>)
13.54-14.06		INITIATIVES TO PROMOTE ORGANIC AGRICULTURE IN THE PROVINCE OF PAMPANGA, PHILIPPINES (<u>Norman G. De Jesus</u>)
14.06-14.18		ASSESSMENT OF CURRENT FARMING PRACTICES AND PRODUCTIVITY OF THE RAIN-FED RICE FARMERS IN REGION III, PHILIPPINES (<u>Norman G. De JesusU</u>)
14.18-14.30		SUPPLY CHAIN ANALYSIS OF HIGH VALUE VEGETABLES IN THE PHILIPPINES (<u>Flordeliza A. Lantican</u>)

Room C. Food Security and Development of Bioenergy

13.30-13.42	-	THE EFFECT OF WATER DEPTH AND BED WIDTH ON THE
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		PRODUCTION OF SOYBEAN (<i>Glycine max L. Merr</i>) UNDER SATURATED SOIL CULTURE ON TIDAL SWAMPS (Munif Ghulamahdi)
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Room C. Agricultural Biotechnology to Breed Plants and Animals

13.42-13.54		POPULATION GENETIC STUDIES ON <i>Oryctes rhinoceros</i> (L.) (Coleoptera: Scarabaeidae) USING RANDOM AMPLIFIED MICROSATELLITE (RAMS) MARKERS (Muhamad, R.)
13.54-14.06		SEED QUALITY OF SOYBEAN IN RELATION TO PHOMOPSIS SEED DECAY IN TWO SEASON IN MALAYSIA (Samiyeh Raeisi)
14.06-14.18		CRYOPRESERVATION OF PROTOCORM-LIKE BODIES (PLBS) OF <i>Brassidium</i> SHOOTING STAR ORCHID BY VITRIFICATION AND ENCAPSULATION DEHYDRATION (Sreeramanan Subramaniam)
14.18-14.30		MANNANASE PRODUCTION AND ITS POTENT APPLICATION IN FEED (Nisa Saelee)

Room D. Bioresource Management and Revitalization of Local Wisdom

13.30-13.42	-	BIOLOGICAL STRATEGY OF PARASITIDS ASSOCIATED WITH PEA LEAFMINER FLY, <i>Liriomyza huidobrensis</i> (Blanchard)(Diptera: Agromyzidae) TO COMPETE AND PERFORM PARASITIZATION OF THEIR HOST (I Wayan Supartha)
13.42-13.54		EFFECT OF DIFFERENT TEMPERATURE REGIMES ON SEED GERMINATION IN BLACK CUMIN (<i>Bunium persicum</i>) ECOTYPES (Mohsen Ghasemi)
13.54-14.06		POPULATION ABUNDANCE OF FLEA BEETLE <i>Phyllotreta</i> sp. IN ORGANIC FARM (R. Muahmad)
14.06-14.18		COMPOSITION AND ECO-BIOLOGICAL CHARACTERISTICS OF PARASITIDS OF SOYBEAN MAJOR PESTS AT GIALAM, HANOI (Dang Thi Dung)
14.18-14.30		FLORAL DIVERSITY ASSESSMENT OF MANGROVE ECOSYSTEMS IN MASINLOC, ZAMBALES (Sazon, Raymundo A)

14.30-15.00		REFRESHMENT BREAK
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Academic Presentation (15.00- 16.00)

Room A. Agricultural Biotechnology to Breed Plants and Animals

15.00-15.12	-	VIRUSES ASSOCIATED WITH MOSAIC DISEASE ON CHILI PEPPER IN BALI, INDONESIA (Dewa Nyoman Nyana)
15.12-15.24		ABUNDANCE OF FLUORESCENT, HEAT TOLERANT, AND CHITINOLYTIC BACTERIA IN THE RHIZOSPHERE OF BANANA AND THE ANTAGONISTIC ACTIVITIES TO <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> (Abdjad Asih Nawangsih)
15.24-15.36		BIO-ECOLOGY AND CONTROL OF MANGO TWIG BORER,



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		<i>Callimetopus capito</i> (PACOE) (Beverly Mae)
15.36-15.48		DEFENSE RESPONSE ELICITOR ACTIVITIES OF COMPOUNDS FROM <i>Ganoderma</i> CELL WALLS: A COMPARISON (Y. C. Chee)
15.48.16.00		SENSITIVITY OF SOYBEAN [<i>Glycine max</i> (L) Merrill] POLLEN QUALITY TO HIGH TEMPERATURE STRESS DURING REPRODUCTIVE DEVELOPMENT (M. Thuzar)
Room B. Rural Development and Agribusiness		
15.00-15.12	-	PHOSPHORUS USE EFFICIENCY IN MALAYSIAN UPLAND RICE (Zaharah, A.R)
15.12-15.24		STRENGTHENING CAPACITIES FOR CLIMATE RISK MANAGEMENT AND DISASTER PREPAREDNESS: A GOP-FAO INITIATIVE IN THE BICOL REGION (Arnulfo M. Mascariñas)
15.24-15.36		INDIGENOUS FARMING FOR ECOLOGICAL RECOVERY (Saisakul Fongmul)
15.36-15.48		EVALUATION OF VEGETABLE, ROOT, AND TUBER (VRT) CONSUMPTION PROMOTION AMONG CHILDREN (Dalen T. Meldoz)
15.48.16.00		
Room C. Bioresource Management and Revitalization of Local Wisdom		
15.00-15.12	-	EFFECT OF STORAGE CONDITION ON SKIN BROWNING AND QUALITY OF LITCHI FRUITS (Nguyen Thi Bich Thuy)
15.12-15.24		MODIFIED FRUIT BAGGING TECHNIQUES FOR MANGO (Brenda C. Panelo)
15.24-15.36		
15.36-15.48		
15.48.16.00		
Room D. Bioresource Management and Revitalization of Local Wisdom		
15.00-15.12	-	THE PRELIMINARY SPATIAL STUDY OF ENDOMYCORRHIZAL FUNGI IN ROOT-PLANTS OF DRIED AREAS IN BULELENG, BALI (Meitini W. Proborini)
15.12-15.24		DIFFERENT MORPHOLOGICAL CHARACTERS OF <i>Spathoglottis plicata</i> INDUCED BY GAMMA IRRADIATION (Pimpan Pimonrat)
15.24-15.36		INTERCROPPING OF <i>Anthurium</i> sp IN RUBBER TREE (<i>Hevea brasiliensis</i>) PLANTATION IN SOUTHERN THAILAND (Potjamarn Suraninpong)
15.36-15.48		THE ABILITY OF HYPOVIRULENT MICROBES TO CONTROL PATHOGENS OF BANANA WILT DISEASE (I Made Sudana)
15.48.16.00		INVESTIGATION THE INFLUENCE OF <i>BIO-URINE</i> ,



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		FERMENTED WITH LOCAL MICROORGANISMS (MOL) FROM GAMAL (<i>Gliricidia sepium</i>) LEAVES ON THE GROWTH AND YIELD OF GREEN MUSTARD (<i>Brassica juncea L.</i>) (Ni Wayan Sri Sutari)
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16.00-16.30	-	Closing Ceremony Closing address by President of ISSAAS. Prof. Dr. Dewa Ngurah Suprpta, M.Sc.
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19.00-21.30	-	Farewell Party Location : Hongkong Garden Restaurant
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Tuesday 17 November 2010

09.00-16.00	-	Congress Tour
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