

Managing Committee

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Chairs of Awarding Committee	Prof. Dr. Eiji Yamaji	Chair of Excellent Paper Award	
	Prof. Dr. Regucivilla A. Pobar	Chair of Poster Presentation and Excellent Poster Award	

Chairmanship

Oral Presentation

Room 1	Room 2	Room 3	Room 4
1st session, 10:30-12:15 Agricultural Systems (Ag)	1st session, 10:30-12:15 Agricultural Systems (Ag)	1st session, 10:30-12:15 Rural Development (Ru)	1st session, 10:30-12:15 Rural Development (Ru)
Chair Prof. Dr. Barry Noller Co-chair Dr. Toru Nakajima	Prof. Dr. Machito Mihara Dr. Aye Aye Khaing	Dr. Hnin Yu Lwin Dr. Junaid Alam Memon	Dr. Nina Shimoguchi Dr. Lalita Siri wattananon
2nd session, 13:15-15:00 Agricultural Systems (Ag)	2nd session, 13:15-15:00 Environmental Management (En)	2nd session, 13:15-15:00 Rural Development (Ru)	2nd session, 13:15-15:00 Infrastructural System (In)
Chair Prof. Dr. Dieter Trautz Co-chair Prof. Dr. Nang Ohn Myint	Prof. Dr. Inocencio Jr. Buot Dr. Tomas D. Reyes	Prof. Dr. Josefina T. Dizon Dr. Somsak Srisontisuk	Prof. Dr. Hiromu Okazawa Dr. Insa Kühling
3rd session, 15:30-17:15 Agricultural Systems (Ag)	3rd session, 15:30-17:15 Environmental Management (En)	3rd session, 15:30-17:15 Rural Development (Ru)	3rd session, 15:30-17:15 Education for Sustainable Rural Development (Ed)
Chair Prof. Dr. Anan Polthanee Co-chair Dr. Seint San Aye	Dr. Chuleemas Boonthai Iwai Dr. Aung Niang Oo	Prof. Dr. Srdjan Lalic Dr. Sinisa Berjan	Dr. Jeeranuch Sakkhamduang Dr. Merites E. Buot

Poster Presentation

Chair Prof. Dr. Regucivilla A. Pobar			
Agricultural Systems (Ag)	Environmental Management (En)	Rural Development (Ru)	Education for Sustainable Rural Development (Ed)
Co-chairs:	Co-chairs:	Co-chairs:	Co-chairs:
Dr. Anchasa Pramuanjaroenkij Dr. Aye Aye Thwe Prof. Jose Travero Dr. Katsuyuki Shimizu Dr. Kazuyu Nishida Dr. Krisana Rungrojwanich Dr. Krailert Taweekul Dr. Myint Thuzar Dr. Supat Issarangkul Na Ayudhaya Dr. Warinthorn Maneerat	Dr. Adcharaporn Pakdee Dr. Duangrat Thongpak Prof. Dr. Kiichiro Hayashi Prof. Dr. Khin Mi Mi Dr. Mongkon Ta-Oun Dr. Samuel Gulayan Dr. Shinobu Terauchi Dr. Vidhaya Trelo-ges	Dr. Christopher Mantilas Dr. Marietta C. Macalolot Dr. Janya Singkham Dr. Monthicha Puthsakum	Dr. Alisa Sahahirun Dr. Atcharaporn Somparn Dr. Ponsaran Saranrom
Infrastructural and Information Systems (In)			
Co-chairs:			
Dr. Matsuo Eiji Dr. Sergio Azael May Cuevas			

Program of the 9th International Conference on Environmental and Rural Development

February 23, 2018 (Friday)

Registration

17:30-19:00 - Registration at Registration at Grand Amara Hotel, Nay Pyi Taw

February 24, 2018 (Saturday)

Venue : Grand Amara Hotel, Nay Pyi Taw, Myanmar

Part I

Opening Program

07:00 - 08:00

Registration at Registration at Grand Amara Hotel, Nay Pyi Taw

08:00 - 09:00

Opening ceremony

- Introduction of Yezin University by Dr. Aung Naing Oo
- Program announcement and recognition of participants by A/Prof. Dr. Chuleemas Boonthai Iwai
- Welcome address and Opening remark by Professor Dr. Myo Kywe, Rector of Yezin University
- Introduction of ISERD by Professor Dr. Mario T. Tabucanon, President of ISERD
- Outcomes from ISERD Council Meeting by Professor Dr. Machito Mihara, Executive Secretary of ISERD
- Introduction of Excellent Paper Award, Professor Dr. Eiji Yamaji, Chair of Excellent Paper Award, the 9th ICERD
- Introduction of Excellent Poster Presentation Award, Professor Dr. Regucivilla A. Pobar, Chair of Excellent Poster Presentation Award, the 9th ICERD

09:00 - 10:00

Keynote presentation

Professor Dr. Kyaw Ngwe

Department of Soil and Water Science, Yezin Agricultural University

Part II

Scientific Program

10:00 - 10:30

Poster presentation and coffee break

10:30 - 12:15

Session 1 of oral presentations

12:15 - 13:15

Lunch

13:15 - 15:00

Session 2 of oral presentations

15:00 - 15:30

Poster presentation and coffee break

15:30 - 17:00

Session 3 of oral presentations

Part III

Banquet and Awarding ceremony

18:00 - 21:00

Banquet and Awarding Ceremony, Grand Amara Hotel, Nay Pyi Taw

February 25, 2018 (Sunday)

Excursion

07:30

All participants leave hotel to YAU

08:20

Arriving at YAU and observing the campus

09:20

Observing experimental farms of Department of Agriculture Research

10:10

Arriving at Yezin Dam (water reservoir)

11:10

Arriving at Uppatasanti Pagoda

12:20

Having lunch

14:00

Observing local activities at the village

14:20

Visiting National Museum (Group 1) or Gem Museum (Group 2)

16:00

Finishing excursion and moving to airport or hotel

Presentation Program

Oral presentation

Chair of Excellent Paper Award: **Prof. Dr. Eiji Yamaji**

Room 1		Room 2	
<u>Agricultural Systems (Ag)</u>		<u>Agricultural Systems (Ag)</u>	
		<u>Environmental Management (En)</u>	
1st session			
Ag-1		Ag-4	
Time	Chair: Prof. Dr. Barry Noller Co-chair: Dr. Toru Nakajima	p. no.	Chair: Prof. Dr. Machito Mihara Co-chair: Dr. Aye Aye Khaing
10:30-10:45	Dieter Trautz and Felix Grau <i>Applied Sustainable Intensification: Potential of Fertilization with Co-composted Fecal Sludge in Sri Lanka</i>	1	Edrian Paolo B. Tulin and Marlito Jose M. Bande <i>Agroecological Assessment of Different Cultural Practices of Pineapple, Ananas comosus, (Linn) Mer. (Var. Red Spanish) for Sustainable Fiber Production in Geo-Textile Industry in Balete, Aklan</i>
10:45-11:00	Thant Lwin Oo, Than Da Min, Kyaw Kyaw Win and Mie Mie Aung <i>Evaluation of Rates and Forms of Urea Fertilizer for Improved Nitrogen Use Efficiency in Hybrid Maize Cultivation</i>	2	Hnin Thida Nyo, Nyein Nyein Htwe and Kyaw Kyaw Win <i>Current Postharvest Management of Sesame Farmers in Selected Area of Myanmar</i>
11:00-11:15	Maskey Sarvesh and Machito Mihara <i>Enhancing Fermentation of Farmyard Manure using Bacillus sp. in Mid-hills of Nepal</i>	3	Sereiroth Bunthan, Yuki Takahashi and Yoichi Izumida <i>A Study on Cambodian Rice Farming: Comparative Analysis on Aromatic and Non-Aromatic Rice Production</i>
11:15-11:30	Insa Kühling, Maik Kohlbrecher and Dieter Trautz <i>Applied Sustainable Intensification: Potential of Novel Organo-mineral Fertilizer Pellets from Regions with Large Amounts of Mmanure in Germany</i>	4	Yuwadee Samil, Supat Isarangkool Na Ayutthaya, Rumpai Nampila and Régis Lacote <i>Agricultural practices in rubber farms. Low intensive latex harvesting systems applied to rubber tree (Hevea brasiliensis Müll. Arg.) in Northeastern Thailand</i>
11:30-11:45	Pranee Praphet <i>Effects of Bio-extract on Growth of Nymphaea</i>	5	Edimus Masona, Katsuyuki Shimizu and Yumi Yoshioka <i>An Evaluation of Water Demand and Supply for a Small-scale Irrigation Scheme in Zimbabwe</i>
11:45-12:00	Diffon M. Calungsod and Marlito Jose M. Bande <i>Morphological and Physiological Performance of Two Dipterocarp Species in Response to Mineral Nutrient Omission under Screen House Condition</i>	6	Ruby Abao and Vachel Gay Paller <i>Parasites in Philippine Native Swine: The Risk of Organic Farming in Disease Transmission</i>
12:00-12:15	Jose T. Travero <i>Utilization Assessment of Wood Vinegar in Selected Area of Bohol Philippines</i>	7	Arphorn Thongburan and Chuleemas Boonthai Iwai <i>Accumulation of Copper in Kale and Soil Fertilized with Swine Manure, Compost and Vermicompost under Different Thai Soil Serie</i>
2nd session			
Ag-2		En-1	
Time	Chair: Prof. Dr. Dieter Trautz Co-chair: Dr. Nang Ohn Myint	p. no.	Chair: Prof. Dr. Inocencio E. Buot Co-chair: Dr. Tomas D. Reyes Jr.
13:15-13:30	San San Myint, Kyaw Ngwe, Kyaw Kyaw Win and Swe Swe Mar <i>Evaluation of Soil Nutrient Level in Naypyitaw Agricultural Land</i>	8	Kiichiro Hayashi, Wataru Kobayashi and Makoto Ooba <i>Equivalency Assessment of Provisions of Forest Ecosystem Services Based on Historical Change of Land-use Category in Nagoya City, Japan</i>
13:30-13:45	Jorge Cabelin, Jr. and Beatriz Jadina <i>Soil Characteristics and Land Use Assessment of Cadac-an Watershed Affected by Landslides in Leyte, Philippines</i>	9	Idd Idd Shwe Zin and Ralph Mitlöchner <i>Species Composition and Stand Structure of Primary and Secondary Moist Evergreen Forests in the Tanintharyi Nature Reserve (TNR) Buffer Zone</i>
13:45-14:00	Kim Muyleang and Mihara Machito <i>Comparison in Soil Properties of Farmlands Applied with Organic and Inorganic Fertilizers in Kampong Cham Province, Cambodia</i>	10	Adcharaporn Pagdee <i>Forest Edge Effect on Undergrowth Flora and Soil Characteristics in a Dry Dipterocarp Forest at Khon Kaen University, Thailand</i>
14:00-14:15	Abdul Malik Dawlatzai and Machito Mihara <i>Erosion Control by Amending Soil with Gypsum in the Village of Dawlatzai in Gardez District, Paktya, Afghanistan</i>	11	Joseph Item Saligan and Samuel Item Saligan Sr <i>Tree Species Composition and Land use Characterization of the Buffer Zone-boundary in the Bohol Island State University (BISU)-Bilar Forest Academic Research Area (FARA)</i>

14:15-14:30	Sawat Pimsuwan, Nutthapol Chuenarom and Intthukarn Kongchan <i>Effect of Growing Materials on Growth of <i>Platytercium ridleyi</i> at the Seedling Stage</i>	12	Johannes Reiner G. Asio and Marlito Jose M. Bande <i>Nutrient Addition as a Forest Restoration Management Strategy for Yakal Yamban (<i>Shorea falciferoides</i> Foxw.) Seedling Establishment in Ophiolitic Soils</i>	31
14:30-14:45	Khaing Tha Zin Oo, Aung Myo Thant, Kyaw Kyaw Win and Kyi Toe <i>Evaluation of Seed Cane Treatments on Sugarcane Germination in Two Planting Methods</i>	13	Kazuya Nishida <i>Status and Issue in Ecological Engineering Approaches for Conserving Aquatic Organisms in the Paddy Field Area of Japan</i>	32
14:45-15:00	San Ming Shwe, San Thwin, Idd Idd Shwe Zin and Nyunt Khaing <i>Effect of Drought and Salinity on the Germination of Five Dry Forest Species: Implications for the Climate Change in Central Myanmar</i>	14	Samuel J. Gulayan <i>Perceived Level of Effectiveness on the Management of Locally Declared Marine Protected Areas in Bohol, Philippines</i>	33

3rd session

Ag-3

Time	Chair: Prof. Dr. Anan Polthanee Co-chair: Dr. Seint San Aye
15:30-15:45	Vithirak Huy and Chuleemas Boonthai Iwai <i>Feasibility Study of using Vermicompost Tea and Extract on Seed Germination on Green Romaine (<i>Lactuca sativa</i> L. Var. Jericho) and Green Batavia (<i>Lactuca sativa</i> L. Var. Concept) lettuce</i>
15:45-16:00	Gladys Rosales and Maria Juliet Ceniza <i>Damage Incidence of Coconut Leaf Beetle (CLB) <i>Brontispa Longissima Gestro</i> on Seedlings of Selected Coconut Varieties</i>
16:00-16:15	Moe Moe Oo, May Thazin Tun, May Thu Kyaw, Hnin Wai Lwin, La Min Htet Htet Aung, Moe Zaw Aung, Htay Htay Aung and Pa Pa Aung <i>Genetic Variability of Myanmar Mango Landraces (<i>Mangifera indica</i> L.var.Sein Ta Lone) from Different Eco-geographic Regions by Microsatellite Markers</i>
16:15-16:30	Odhiambo Benard Onyango and Machito Mihara <i>Effects of Gypsum and Rice Husk Biochar on Discharge of Sediments and Nutrient Loss from Farmlands in Budalangi, Kenya</i>
16:30-16:45	Wimonrat Sitisara, Sasaki Choichi, Lalit Prachaniyom, Ubonwan Yaiwong and Sukthai Pongpattanasiri <i>The Study of Changes in Groundwater Levels that Effect the Performance of Bio-products Solution to Control the Amount of Cadmium in the Soil</i>

En-2

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15	Barry Neil Noller <i>Evaluation of Dust Generation from Animal Farm Activities</i>	34
16	Tomas D. Reyes, Jr. <i>Evidence-based Landslide Hazard Assessment in Loboc Watershed, Bohol, Philippines</i>	35
17	Nareth Nut, Sony Serey, Vibol Sao and Machito Mihara <i>Suitability of Groundwater Use for Drinking and Irrigation Purpose Case study: Kien Svay District, Kandal Province, Cambodia</i>	36
18	Mary Ann M. Quiobe, Honesto Emmanuel S. Dano, Jan Joseph L. Tapa and Peter Conrad H. Paig <i>Water Quality Index of San Jose Drainage Outfall in Tagbilaran City, Bohol Using Physico Chemical Parameters</i>	37
19	Shoko Nishiwaki, Kenji Okajima, and Eiji Yamaji <i>Survey on the Slope Protection Method for Sloped Farmland Aimed at Conservation of Regional Unique Landscape</i>	38

Room 3

Rural Development (Ru)

Ru-1

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10:45-11:00	Marietta C. Macalolot <i>Perceived Status of the Agricultural Trade Environment in Bohol, Philippines</i>
11:00-11:15	Christopher C., Mantillas, Josefina T. Dizon, Virginia R., Cardenas, Maria Ana T. Quimbo, and Jaine C. Reyes <i>Development Dilemmas in Transition Economies: The Case of Calamba City, Laguna, Philippines</i>

Room 4

Rural Development (Ru)
Infrastructural System (In)
Education for Sustainable Rural Development (Ed)

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41	Elaine M. Cepe, Samuel Mendez Uap and Catherine J. Bona <i>Coconut Milk as a Component for Paint-Making</i>	60

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2nd session

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3rd session

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Poster presentation

Chair of Poster Presentation and Excellent Poster Award: **Prof. Dr. Regucivilla A. Pobar**

Agricultural Systems (Ag)

Co-chairs: **Dr. Anchasa Pramuanjaroenkij**
Dr. Aye Aye Thwe
Prof. Jose Traverro
Dr. Katsuyuki Shimizu
Dr. Kazuyu Nishida

Dr. Krisana Rungrojwanich
Dr. Krailert Taweekul
Dr. Myint Thuzar
Dr. Supat Issarangkul Na Ayudhaya
Dr. Warinthorn Maneerat

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