

Managing Committee

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Awarding Committee	Prof. Dr. Eiji Yamaji	Chair of Excellent Paper Award
	Prof. Dr. Elpidio T. Magante 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, 10:30-12:00 Education for Sustainable Rural Development (Ed)	1st session, 10:30-12:00 Rural Development (Ru)	1st session, 10:30-12:00 Environmental Management (En)	1st session, 10:30-12:00 Infrastructural and Information Systems (In)
Chair Dr. Tomas D. Reyes, Jr. Co-chair Dr. Marina A. Labonite	Chair Prof. Dr. Dieter Trautz Co-chair Dr. Samuel J. Gulayan	Chair Dr. Lalita Siriwattananon Co-chair Dr. Ambar Kusumandari	Chair Dr. Sri Wahyuni Binti Kadir Co-chair Dr. Corazon P. Machachor
2nd session, 13:00-14:30 Rural Development (Ru)	2nd session, 13:00-14:30 Rural Development (Ru)	2nd session, 13:00-14:30 Environmental Management (En)	2nd session, 13:00-14:30 Agricultural Systems (Ag)
Chair Dr. Sinisa Berjan Co-chair Dr. Tadao Yamamoto	Chair Dr. Junaid Alam Memon Co-chair Dr. Maria Danesa S. Rabia	Chair Dr. Krisana Rungrojwanich Co-chair Dr. Joanne V. Serrano	Chair Prof. Dr. Barry N. Noller Co-chair Dr. Jeeranuch Sakkhamduang
3rd session, 15:00-16:30 Rural Development (Ru)	3rd session, 15:00-16:30 Environmental Management (En)	3rd session, 15:00-16:30 Agricultural Systems (Ag)	3rd session, 15:00-16:30 Agricultural Systems (Ag)
Chair Prof. Dr. Anan Polthanee Co-chair Dr. Luz O. Morena	Chair Dr. Marina S. Apilado Co-chair Dr. Hiromu Okazawa	Chair Dr. Kingshuk Roy Co-chair Prof. Judith Ty-Pelobello	Chair Dr. Chuleemas Boonthai Iwai Co-chair Prof. Jose T. Traverro

Poster Presentation

Chair Prof. Dr. Elpidio T. Magante and Prof. Dr. Regucivilla A. Pobar			
Education for Sustainable Rural Development (Ed)	Rural Development (Ru)	Environmental Management (En)	Agricultural Systems (Ag)
Co-chair: Dr. Haji Masudi Dr. Takahiko Kubodera Dr. Merrian P. Soliva Prof. Mario P. Rebucas	Co-chair: Dr. Anucha Wittayakorn-Puripunpinyoo Dr. Atty Tri Juniarti Dr. Kiichiro Hayashi Dr. Mardy Serey Dr. Muhammad Luqman Dr. Saisakul Fungmul Dr. Sunday Ogunjimi Idowu Dr. Hari Shanker Gupta Dr. Baromey Neth Dr. Mumtaz Ali Baloch Prof. Anabel T. Pantaleon Dr. Cecilio S. Baga Dr. Christeodoflor A. Ramos Assoc. Prof. Dennis Jomoc Prof. Erma S. Capuno Dr. Jean F. Nebrea Prof. Marcial D. Sosas Prof. Maria Luisa T. Jopia	Co-chair: Dr. Duangrat Thongpak Dr. Makoto Ooba Dr. Phrueksa Lawongsa Dr. Somporn Pleanjai Dr. Takashi Kume Dr. Yuta Ishikawa Dr. Aquilino M. Enriquez	Co-chair: Dr. Intira Lichanporn Dr. Kanita Thanacharoenchanaphas Dr. Kanlaya Kongngern Dr. Kiriya Sungthongwises Dr. Kittima Vanichkul Dr. Nunchanok Nanthachai Dr. Patcharin Krutmuang Dr. Phanida Busaparoeck Dr. Orose Rugchati Dr. Rungkan Klahan Dr. Tran Van Dung Dr. Udai Pratap Singh Dr. Boontarika Thongdonphum Dr. Arunee Promkhambut

Program of the 6th International Conference on Environmental and Rural Development

March 6, 2015 (Friday)

16:00-18:00 Registration at Bohol Island State University, Main Campus

March 7, 2015 (Saturday)

Part I: Opening Program

07:30-08:30 Registration

08:30-10:00 Opening ceremony

1. Invocation: **Ms. Shane Tumampos**
2. Singing of Hymns: *Philippine National Hymn*
Bohol Hymn
3. Welcome address: **Hon. Edgar M. Chatto**
Governor, Province of Bohol, Tagbilaran City, Bohol
Hon. John Geesnell L. Yap II
City Mayor, Tagbilaran City, Bohol
Prof. Dr. Elpidio T. Magante
ISERD Regional Vice President for the Philippines
University President, Bohol Island State University,
Tagbilaran City, Bohol
4. Recognition of Participants: **Dr. Julian E. Torillo, Jr.**
Managing Editor, IJERD
Focal Person, Regional Centre of Expertise - Bohol
Bohol Island State University, Tagbilaran City, Bohol
5. Message IJERD and ISERD Awards
Prof. Dr. Eiji Yamaji
Chair of Excellent Paper Award, 6th ICERD
Deputy President, ISERD
Graduate School of Frontier Science, The University of Tokyo,
Japan
6. Message on ISERD Concerns
Prof. Dr. Machito Mihara
Executive Secretariat of ISERD and Editor-in-chief of IJERD
Faculty of Regional Environment Science, Tokyo University of
Agriculture, Japan
7. Introduction of the Keynote Speaker
Prof. Dr. Regucivilla A. Pobar
University Vice President for Academic and Related Affairs
Bohol Island State University, Tagbilaran City, Bohol
8. Keynote Address
'Education for Sustainable Development: Progress and Prospects'
Prof. Dr. Mario T. Tabucanon
President of ISERD,
United Nations University, Institute for the Advanced Study of
Sustainability, Japan
9. Presentation of Plaque of Appreciation to the Keynote Speaker and other Resource Persons
10. Closing Remarks: **Prof. Dr. Nelson M. Pateña**
Campus Director, Bohol Island State University Main Campus
Tagbilaran City, Bohol
11. Bohol Island State University Hymn

Part II: Poster Presentation and Parallel Sessions

10:00-10:30	Poster presentation & coffee break
10:30-12:00	Session 1 of oral presentation (6 presentations: Rooms 1, 2, 3, 4)
12:00-13:00	Lunch and ISERD Council Meeting
13:00-14:30	Session 2 of oral presentation (6 presentations: Rooms 1, 2, 3, 4)
14:30-15:00	Poster presentation & coffee break
15:00-16:30	Session 3 of oral presentation (6 presentations: Rooms 1, 2, 3, 4)

Part III: Banquet & Awarding Cerememony

16:30-17:30	Preparation for Banquet (Venue: Activity Center)
17:30-20:00	Banquet & Awarding Ceremony
	Cultural Presentation

March 8, 2015 (Saturday)

07:30-17:00	Excursion
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Presentation Program

Oral presentation

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

Room 1		Room 2		
Education for Sustainable Rural Development (Ed) Rural Development (Ru)		Rural Development (Ru) Environmental Management (En)		
1st session				
Time	Chair: Dr. Tomas D. Reyes, Jr. Co-chair: Dr. Marina A. Labonite	P. no.	Chair: Prof. Dr. Dieter Trautz Co-chair: Dr. Samuel J. Gulayan	P. no.
10:30-10:45	Bernabe M. Mijares, Jr. and Regucivilla A. Pobar <i>Installing Religious Icons in the Seawaters of Bien Unido, Bohol: A Saving Act or a Sacrilege?</i>	1	Hisashi Mori, Awadh Kishor Sah, Bhuneshwar Prasad Sah, Minami Yamaya and Senthil Selvaraj <i>An Approach for Monitoring the Reforestation and Conservation Efforts by Local Communities</i>	7
10:45-11:00	Haji Mashudi <i>The authority conflict Placement and Protection of Indonesian Workers Abroad Based Employment Law</i>	2	Kiichiro Hayashi, Makoto Ooba and Yasuhiro Hasegawa <i>Cultural Ecosystem Service Assessment in a Semi-Mountainous Area of Japan - Case in Toyota City</i>	8
11:00-11:15	Joane Serrano and Sherry B. Marasigan <i>Application of Environmental Education: The Case of a Philippine Village</i>	3	Saisakul Fongmul and Kangsadan Kanokhong <i>A Comparative Study on Agricultural Labor Management of Longan Farmers in Chiang Mai and Chantaburi Provinces, Thailand</i>	9
11:15-11:30	Marina S. Apilado and Estelita D. Calvo <i>Climate Change Awareness of College Students of ESSU Salcedo</i>	4	Larry M. Pamugas <i>Perceptual Assessment of Countryside Development Program through the Purok Power Movement Focusing on the KaABAG experience</i>	10
11:30-11:45	Sinisa Berjan, Hamid El Bilali, Snezana Jankovic, Huanita Milutinovic, Aleksandar Stojanovic and Vedran Tomic <i>Agricultural Extension and Advisory Services in Bosnia, Montenegro and Serbia: An Overview</i>	5	Renissa S. Quiñones, Corazon P. Macachor and Hubert G. Quiñones <i>Development of Calcium-enriched Gluten-free Cookies</i>	11
11:45-12:00	Tadao Yamamoto <i>Educational Influence of the Green Tourism School Trip</i>	6	Maria Danesa, S. Rabia, F. L. Pedroso, Terou Azuma, Takuro Shibuno and Ernesto C. Rulida <i>Resource Stock Enhancement of Napoleon Wrasse Sightings in the Province of Bohol</i>	12
2nd session				
Time	Chair: Dr. Sinisa Berjan Co-chair: Dr. Tadao Yamamoto	P. no.	Chair: Dr. Junaid Alam Memon Co-chair: Dr. Maria Danesa S. Rabia	P. no.
13:00-13:15	Takahiko Kubodera, Hiromu Okazawa, Masahiro Tasumi, Yoshiharu Hosokawa, Katsuhiko Sasada, Eiji Matsuo and Machito Mihara <i>Circumstances of Survey Education Conducted in Japanese Universities</i>	13	Muhammad Luqman, Babar Shahbaz and Tanvir Ali <i>Impact of Agricultural Services Provided by Non-state Actors on Livelihoods of Rural Poor in North-West Region of Pakistan</i>	19

13:15-13:30	Mario P. Rebutas, Jr. <i>Instructional Delivery of Integrated Management System at Cebu Technological University: Proposed Course Syllabus</i>	14	Lalita Siri wattananon <i>Effects of Drying Methods on Utilization of Dietary Fiber from Pineapple Wastes</i>	20
13:31-13:45	Anucha Wittayakorn-Puripunpinyoo, Aomjai Traesang <i>An Analysis of Off-Season Rice Production Efficiency of Mueng Suphan Buri Agricultural Cooperatives Ltd. Members in 2012/2013 Crop Year, Thailand</i>	15	Hari Shanker Gupta <i>Sustainable Enterprise Development, by Indigenous Women Groups – Building Up from Effective Water Management</i>	21
13:45-14:00	Atty Tri Juniarti <i>External Environment Influence on Operation Strategy and Corporate Performance at Garment Industries in Indonesia</i>	16	Sri Wahyuni Binti Kader <i>The Role of Sumatra Ecoregion in the Socialization of Environmental Information System's Development</i>	22
14:00-14:15	Anabel T. Pantaleon, Corazon P. Macachor, Cecilio S. Baga and Rebecca A. Rivas <i>Citrus microcarpa Peel Extract as Active Reagent for Liquid</i>	17	Jose T. Travero and Machito Mihara <i>Impacts of Pyrolygneous Acid to Biological and Chemical Properties of Depleted Soil in Bohol, Philippines</i>	23
14:16-14:30	Corazon P. Macachor, Jean F. Nebrea and Cecilio S. Baga <i>Detection of Staphylococcus Aureus from Packed Dried Siganids</i>	18	Chuleemas Boonthai Iwai and Mongkon Ta-oun <i>Reuse of Wastewater from Cassava Industry for Napier Grass Production</i>	24

3rd session

Time	Chair: Prof. Dr. Anan Polthanee Co-chair: Dr. Luz O. Morena	P. no.	Chair: Dr. Marina S. Apilado Co-chair: Dr. Hiromu Okazawa	P. no.
15:00-15:15	Darran Erica Newman <i>Community Public-Private Partnerships – 35 Years of Rural Development Through the Basic Needs Trust Fund in the Caribbean</i>	25	Aquilino M. Enriquez, Corazon P. Macachor, Cecilio S. Baga, Cristeodoflor A. Ramos, and Kathleen S. Camaongay <i>Environmental Protection Practices of Danao City Beach Resorts</i>	31
15:15-15:30	Dieter Trautz, Frederik Langsenkamp and Maik Kohlbrecher <i>Remote Farming.1: Web-based Interactive Crop Farming at the Example of Robotic Weed Control in Carrots</i>	26	Machito Mihara, Yuta Ishikawa and Sergio Azael May Cuevas <i>Mitigating Splash Erosion with Applying Bacillus Subtilis Natto</i>	32
15:31-15:45	Epifania H. Migueles, Chermin T. Tacgos, Rowena P. Mira, Jannel L. Manila and Vilmalyn C. Bonaos <i>Clients' Satisfaction with the Office Services of the Municipal Local Government Unit (MLGU) of Batuan, Bohol, Philippines</i>	27	Baromey Neth, Sam Ol Rith, and Socheata Tao <i>Moving Beyond Agriculture and Ecotourism: Analysis of Agro-Ecotourism Potential for Sustainable Development in Northeastern Cambodia</i>	33
15:45-16:00	Paul K. Zabala, Cecilio S. Baga, Mario P. Rebutas Jr., Romeo Montecillo and Marcial Sosas <i>GIZ/CTU-AREC Solar Lantern</i>	28	Josefina T. Dizon and Manuel L. Castillo <i>Threats Assessment and Management of the Baua-Wangag Watershed Forest Reserve in Gonzaga, Cagayan</i>	34
16:01-16:15	Hannie T. Martin <i>Comparison of Indigenous Knowledge and Scientific Knowledge on Land Use Selection of Farmers in Imugan, Sta Fe, Nueva Vizcaya</i>	29	Junaid Alam Memon and Gopal Bahadur Thapa <i>Social and Ecological Factors Governing Mangroves Cover Change in the Indus Delta of Pakistan</i>	35
16:15-16:30	Sinisa Berjan, Hamid El Bilali, Aleksandra Despotovic, Snezana Jankovic, Adriana Radosavac and Vesna Milic <i>Problems in Rural Aeaes of Bosnia, Montenegro and Serbia: A Comparative Analysis</i>	30	Makoto Ooba, K. Hayashi, T. Suzuki and R. Li <i>Analysis About Urban Ecosystem Services for Ecosystem Offset</i>	36

Room 3

Environmental Management (En)
Agricultural Systems (Ag)

Room 4

Agricultural Systems (Ag)
Infrastructural and Information Systems (In)

1st session

Time	Chair: Dr. Lalita Siri wattananon Co-chair: Dr. Ambar Kasumandari	P. no.	Chair: Dr. Sri Wahyuni Binti Kadir Co-chair: Dr. Corazon P. Machachor	P. no.
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10:45-11:00	Rumila C. Bullecer and Daryl Paul Adlaon <i>Faunal Diversity Trends at the Rajah Sikatuna Protected Landscape, Bohol, Philippines</i>	38	Judith B. Ty-Pelobello, Ma. Christine Aubrey F. Miguel, Marina S. Macasil, Christopher A. Duran and Luz B. Chua <i>Perceived Socio-Economic and Environmental Effects of Chromite Mining in Salcedo, Eastern Samar</i>	44
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11:15-11:30	Tatiana Komarova, Nguyen Thanh Hien, Phan Thi Cong, Khanok-on Amprayn, Chuleemas Boonthai Iwai, Atcharaporn Somporn, Natsima Tokhun, Jochen Mueller, Ivan Kennedy and Barry Noller <i>Pesticide Distribution in the Namphong River NE Thailand and Land Use and Other Practices</i>	40	Luz O. Moreno, Felix L. Ocon and Meriam S. Binongo <i>Genetic Diversity of Abaca Germplasm Collection at the Visayas State University, Baybay City, Leyte</i>	46
11:31-11:45	Somporn Pleanjai and Pongsri Siwarasak <i>The Study Greenhouse Gas Emissions of Ethanol Production from Agroindustrial Fruit Refused</i>	41	Patcharin Krutmuang and Malee Thungrabeab <i>Actinomyces Produces a Multi-antibiotic Complex Acts as a Potential Biocontrol Agent to Ascosphaera apis</i>	47
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Time	Chair: Dr. Krisana Rungrojwanich Co-chair: Dr. Joanne Serrano	P. no.	Chair: Prof. Dr. Barry N. Noller Co-chair: Dr. Jeeranuch Sakkhamduang	P. no.
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3rd session

Time	Chair: Dr. Kingshuk Roy Co-chair: Prof. Judith Ty-Pelobello	P. no.	Chair: Dr. Chuleemas Boonthai Iwai Co-chair: Prof. Jose T. Traverro	P. no.
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Poster presentation

Chair of Poster Presentation and Excellent Poster Award: **Prof. Dr. Elpidio T. Magante** and **Prof. Dr. Regucivilla A. Pobar**
Education for Sustainable Rural Development (Ed)

Co-chair:	Dr. Haji Masudi Dr. Takahiko Kubodera	Dr. Merrian P. Soliva Prof. Mario P. Rebuscas
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Ed 3	Chev Chea <i>Effectiveness of Step-by-Steps Introduction of Family Chicken Raising Techniques – A Case Study in Kampong Cham Province, Cambodia</i>	75
Ed 4	Le Trang, Le Hoang Van Trang and Philippe Doneys <i>Tra Cu District to Ho Chi Minh City: Migration, and Empowerment of Khmer Women in Vietnam</i>	76
Ed 5	Merrian P. Soliva <i>Determinants of Learners' Intention to Continue Using the e-learning Program of the Agricultural Training Institute (ATI)</i>	77
Ed 6	Phem Menghak, Thim S., Theng K. and Seng M. <i>Working with Ethnic Group: A Case Study of Introducing Pig Fattening to Garay Ethnicity in Ouyadav District, Ratanakiri Province</i>	78
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Ed 9	Takahiko Kubodera, Hiromu Okazawa, Masahiro Tasumi, Yoshiharu Hosokawa, Katsuhiko Sasada, Eiji Matsuo and Machito Mihara <i>Circumstances of Surveyor License Acquisition System in Japan</i>	81

Rural Development (Ru)

Co-chair:	Dr. Anucha Wittayakorn-Puripunpinyoo Dr. Atty Tri Juniarti Dr. Kiichiro Hayashi Dr. Mardy Serey Dr. Muhammad Luqman Dr. Saisakul Fungmul Dr. Sunday Ogunjimi Idowu Dr. Hari Shanker Gupta Dr. Baromey Neth	Dr. Mumtaz Ali Baloch Prof. Anabel T. Pantaleon Dr. Cecilio S. Baga Dr. Christeodoflor A. Ramos Assoc. Prof. Dennis Jomoc Prof. Erma S. Capuno Dr. Jean F. Nebrea Prof. Marcial D. Sosas Prof. Maria Luisa T. Jopia
Ru 1	Anucha Wittayakorn-Puripunpinyoo <i>The Sustainable Development of Community Economic: A case Study of Kalasin Province, Thailand</i>	82
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Ru 8	Corazon P. Macachor, Cecilio S. Baga, Lucila Garbo, Angelica A. Villazorda and Jean F. Nebrea <i>Sensory Qualities of Banana Musa balbisiana Cookies</i>	89
Ru 9	Kimsan Song, Mina Hori, Borin Chhouk and Sothun Song <i>Quantity and Consumption of Fish Catch from Rice Fields of Pursat Province, Cambodia</i>	90
Ru 10	Corazon P. Macachor, Cecilio S. Baga, Marcial D. Sosas, Miguelito A. Lauglaug and Rubie Bongo <i>Household Participation of Luyang, Carmen Cebu River Clean Up</i>	91
Ru 11	Maria Danesa S. Rabia, F. D. Manug and E. C. Rulida <i>Industry Analysis of Buri Broom Making in Calunasan, Calape, Bohol</i>	92
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Ru 13	Montip Jankeaw, Natagarn Tongphanpharn, Rattanapon Khomrat, Natsima Tokhun, Nissa Pakvilai and Chuleemas Boonthai Iwai <i>Heavy Metal in Meat and Crustaceans Products in Thailand Local Markets</i>	94
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