



XXIInd International Conference of the Society for Human Ecology (SHE) v11-9-17 working program



***Envisioning pathways to just and sustainable
futures***

Hosted by the
College of Human Ecology
at the
University of the Philippines Los
Baños



28 November to 1 December, 2017

Note: Presentations are no more than 20 minutes with 5 minutes for questions. You must leave the podium after 25 minutes to allow the next speaker to start on time. The audience is kindly asked to keep questions short and to the point.

Day 1 Monday, November 27

TIME	EVENT	TITLE	PRESENTER / FACILITATORS	VENUE
8:00-17:00	Registration and information desks open for delegates			NCAS Auditorium CAS Building
9:00-17:00	Workshop 1 (by invitation only)	<i>Food Security and Biodiveristy in Ifugao Landscape: System Properties Benefitting food security and biodiversity in the Ifugao Landscape</i>	Neil French Collier and Aisa Manlosa, Leuphana University	CAS Gallery 2
9:00-12:00	Workshop 2 (free)	<i>Conducting Research in the Social Sciences: Survey Methodology in Focus</i>	Rocky Marcelino, University of the Philippines Los Baños	CAS Gallery 1
13:00-16:00	Writeshop 3 (Part 1 of 3) (free)	<i>Research Writing: Publishing tips and Pomodoro Technique</i>	Deborah Cleland, Australian National University; and Jennifer Marie S. Amparo, Australian National University / University of the Philippines Los Baños	CAS Gallery 1

Day 2 Tuesday, November 28

Day 2 November 28, 2017 Pre-conference Tour (Attire: casual)

TIME	EVENT	TITLE	PRESENTER / FACILITATORS	VENUE
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8:00-13:00	Preconference tour (UPLB Campus Tour – <i>pre-registration required; fee includes transportation and lunch</i>)	UPLB Museum of Natural History UPLB Makiling Botanic Garden UPLB Milk and Dairy Farm International Rice Research Institute (IRRI) Rice World Museum Others: Japanese Temple, Baker Hall, Freedom Park and Ginhawa Arts cafe, UP Oblation Park, Heritage Tower and Carabao Park, Lunch at Herb Republic	SEARCHA Building Lobby Entrance (meet-up 7:30-7:50)
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Day 2 November 28, 2017 Workshops

9:00-12:00	Writeshop 4 (Part 2 of 3)	<i>Research Writing: Publishing Tips and Pomodoro Technique</i>	Deborah Cleland, Australian National University; and Jennifer Marie S. Amparo, Australian National University / University of the Philippines Los Baños	SEARCHA SAS Rm
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8:30-12:00	Workshop 5 (free)	<i>Filipino Culture and Arts 101</i> Baybayin: The Filipino Authentic Ancient Script <i>Sponsored by: Rotary Club Los Baños Makiling</i>	Prof. Alleli Ester C. Domingo, IMSP CAS-UPLB and Carlo Dimaano, Artist	SAS Rm GFS Rm
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8:30-15:00	(free)	Arnis: the Filipino Martial Arts <i>Sponsored by: Rotary Club Los Baños Makiling, RID3820</i>	Grandmaster Henry Espera, Founder Rapido Realismo Kali PC Supt. Edwin Ronan (Ret.) Arnis Practitioner	3 EXHIBIT Venues: SEARCHA Audi Lobby CHE Lobby NCAS Gallery
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8:30-15:00	(free)	<p>Human Ecology through the Arts : Wood sculpture: Artfully Araos exhibit “Bansoy”–Art of Filipino Miniature tree nurturing</p> <p><i>Sponsored by: Rotary Club Los Baños Makiling, RID3820</i></p>	Jemil Araos, UPLB CHE Alumnus	<p>3 EXHIBIT Venues: SEARCA Audi Lobby CHE Lobby NCAS Gallery</p>
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Day 2 November 28, 2017 Opening Program (Attire: business, ecru or barong, or national costume)

14:30-15:00	Opening program	Registration and Welcome Cocktails		SEARCA Umali Auditorium Lobby
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15:00-15:30		<p>Opening Ceremonies Entrance of Colors Parade of Delegates Invocation ASEAN Hymn Philippine National Anthem College of Human Ecology Hymn UPLB Choral Ensemble and UPLB Vanguards</p>		SEARCA Umali Auditorium
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15:30-16:15		SHE XXII Opening Program	<p>Atty. Danilo L. Concepcion President, University of the Philippines</p> <p>Dr. Fernando C. Sanchez, Jr. Chancellor, University of the Philippines Los Baños</p>	
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Dr. Gil C. Saguiguit, Jr.

Director, Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA-SEAMEO)

Dr. Robert A. Dyball

President, Society for Human Ecology (SHE)
Professor, Fenner School of Environment and Society, Australian National University

Dr. Raden G. Piadozo

Dean, College of Human Ecology, University of the Philippines Los Baños

16:15-
16:30:15

Introduction of the keynote speakers

Prof. Maria Emilinda T. Mendoza

Associate Dean, College of Human Ecology,
University of the Philippines Los Baños

16:30-
17:15

Keynote Address
*Sustainable Development Goals or Global Goals
towards envisioning just and sustainable futures*

Mr. Ola Almgren

United Nations Resident Coordinator and UNDP
Resident Representative, United Nations
Development Programme (UNDP)

17:15- 17:45	Message from ASEAN <i>Megatrends in the ASEAN region towards one vision, one community in a Global Context</i>	His Excellency Vongthep Arthakaivalvakatee Deputy Secretary General for Socio-Cultural Community Association of South East Asian Nations (ASEAN)
		Represented by: Ms. Rodora T. Babaran Director Human Development Directorate, ASEAN Socio-Cultural Community , ASEAN

17:45- 18:30	Open forum Presentation of plaque of appreciation Photo opportunity
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18:30- 19:00	Travel to SHE XXII Welcome Reception venue (Shuttle services will be provided for all delegates at the SEARCA Lobby)
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19:00- 21:30	SHE XXII Welcome reception	Acknowledgement of Guest and Participants Fellowship and Socials Travel Back to respective hotel Transport shuttles will be provided for all delegates	One Bonitos Event's Place
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Day 3 Wednesday, November 29

TIME	EVENT	TITLE	PRESENTER / FACILITATORS	VENUE
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8:00-8:30	Registration Morning Snacks and refreshments served		SEARCA Umali Auditorium Lobby
8:30-8:40	Introduction of the SHE session and plenary speaker	Emilia Visco Chair, DSDS-CHE, University of the Philippines Los Baños	SEARCA Umali Hall
8:40-9:10	Human Ecology and Resilience: the Missing Links	Percy Sajise Former Dean, CHE, University of the Philippines Los Baños Honorary Research Fellow, Bioversity International and Senior Fellow, SEARCA-SEAMEO)	
9:10-10:15	Plenary speaker 1 Health Ageing and Demographic Change Open forum	Anthony Capon Inaugural Professor, Planetary Health Initiative, University of Sydney Former Director, United Nations University, International Institute of Global Health	
10:15-10:30	Proceed to the specific venue (please refer to the program)		
10:30-12:30	Organized Session 1(OS 1) Social Technology and Social Services for Sustainability Organized by : DSDS-CHE UPLB		SEARCA Umali Auditorium

10:30-12:30	Organized Session 1 (OS1)	<i>Community organizing (CO) as tool in creating sustainable human ecological community: The Philippine context</i>	Mayen Villanueva, University of the Philippines Los Baños	SEARCA Umali Auditorium
		<i>Development of Research Instruments Towards a Responsive Public Service in the Philippines</i>	Diana Torio, Carla Edith Jimena, Clarice Pulumbarit, Emilia Visco, Ma. Emilinda Mendoza, Ma. Charisma Malenab, University of the Philippines Los Baños	
		<i>Emergent Constructs among Volunteers of Selected Southern Tagalog State College and Universities (SUCs)</i>	Glenn Lubuguin, Pamela Custodio, Jose Limbay Lahi Espaldon, University of the Philippines Los Baños	
		<i>Dialogic Communication towards Grassroots Empowerment: The Case of Grassroots Participatory Budgeting in the Philippines</i>	Jestine Jennica Cabiles, Kantar Milward Brown, Ziarla Mae Malabanan, Innovations for Poverty Action	
10:30-12:30	Organized Session 2 (OS2)	A Half Century of Human Ecology Education: The Founding, Growth and Influence of College of the Atlantic		Drilon Hall SEARCA
		Organized by: College of Atlantic, Maine, USA		
		<i>Educational Mission and Early years of College of Atlantic</i>	Richard J. Borden (Session Chair) College of Atlantic Past SHE President	
		<i>Review of Recent Academic Development and Future Plans</i>	Kenneth Hill, College of the Atlantic	

College's Formative Years and Present Institutional Goals and Challenges Jay McNally, College of the Atlantic

Inside Perspective on Curriculum, Self-directed Study and Contemporary Student Life Kira West
College of the Atlantic

10:30-12:30 Organized Session 3 (OS3) **The Role of Open and Distance e-Learning in Sustainable Development** Joane Serrano (Session Chair), University of the Philippines Open University GFS Rm SEARCA

Organized by: University of the Philippines Open University

The Use of ICTs and E-learning in Preserving Indigenous Knowledge Elpidio Basilio, Marissa Bulong, Eulalie Dulnuan, Melanie Subilla, Ifugao State University, Mt Province Polytechnic College

10:30-12:30 Organized Session 4 (OS4) **Pollution Control Officers as Sustainability Frontliners of Industries** SAS Rm SEARCA

Organized by : PCAPI Region IVA

PDO Designation in the Philippines: PCAPI Region IV-A as one of the leading PCO Training Providers in the Philippines Rasmian M. Malixi (Session Chair), President PCAPI Region IV-A

Best Practices-Energy Maris Barairo, Mariwasa Siam Ceramics Inc.

Best Practices-Water Edwin de Chavez, FPIP Utilities Inc.

Best Practices-Safety

Brefelin Jamias-Robles, Avon Products Mfg. Inc.

Best Practices-Air

Melchy Enriquez, Prime Meridian PowerGen Corp.

10:30- 12:30	Contributed Papers (CP1)	Health and Ageing	NCAS Auditorium NCAS Building
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103 Aging, Generational Structure, Demographics and Urban-rural Growth

Takashi Miyahara, Michigan State University

005 Reframing Services for Custodial Grandparents: Effectiveness of Diverse Program Options

Andrea Smith; Linda L. Dannison, Western Michigan University

014 Postvention Protocol for Elderlies Experiencing Later-Life Crisis

Clariza Arandia

167 Innovative and Best Practices in Elderly Development: The University of the Philippines Model

Renato Torres, University of the Philippines Los Baños

Elderlies' Satisfaction on the Available Social Services in Laguna, Philippines

Emilia Visco, Dhino Geges, Carla Edith Jimena, Clarice Pulumbarit, Francis Mark Dioscoro Fellizar, Diana Torio, Gillian Consignaldo, and Ma. Charisma Malenab, University of the Philippines Los Baños

10:30- 12:30	Contributed Papers (CP2)	Communities in Transition: Nutrition Security and Sustainability	CHE MPH MultipurposeHall
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124 Reaping the Harvests of the School and Home Garden Program: The Case of Labuin Elementary School, Pila, Laguna, Philippines

Michelle Samia, Eva Marie Cambe, and Lamberto Perolina, Department of Education; Henry Custodio, Maria Katrina Punto; and Bessie Burgos, Southeast Asian Regional Center for Graduate Study and Research in Agriculture; Blessilda Calub and Leila Africa, University of the Philippines Los Baños;

125 A Participatory Action Research on School- and Community-based Food and Nutrition Program for Literacy, Poverty Reduction and Sustainable Development

Blesilda Calub, Leila Africa, Bessie Burgos, and Henry Custodio, Southeast Asian Regional Center for Graduate Study and Research in Agriculture

137 The Holism of BIDANI's Nutrition-in-Development Strategy

Arnold Abuyog, Charina Maneja, Belinda Lalap, Pamela Gonzales, Ana Castañeda, Lorna Garcia, Angelina Felix, Barangay Integrated Development Approach for Nutrition Improvement (BIDANI)

10:30-12:30 Contributed Papers (CP3)

Communities in Transition: Systems and Scales

CHE DCERP AVR

113b The Dark Side of Boundary Spanners: A Typology of Boundary Spanners

Eleanor Malbon, University of New South Wales

006 Illegal Animal Trafficking in the World System: The Case of Vietnam

Scott Frey, University of Tennessee

112a Re-thinking Development - Mobilizing Local Human Understanding to Accelerate Progress towards Sustainable Development

Stephen Vincent, Independent Consultant

		<i>002 Iran's Territorial Divisions from a BioRegional Perspective: A Case Study of Western Part of Khorasan Razabi Province Province, Iran</i>	Mariam Oliaei, Allameh Tabatabaei University; Mozaffar Sarrafi, Shahid Beheshti University; Mohammad Shaikhi, Allameh Tabatabaei University	
		<i>112b Data Realism – The Human Dimension of Measuring Progress Towards Sustainable Development</i>	Stephen Vincent, independent consultant	
12:30- 13:30	Lunch break (multiple areas)			SEARCHA Audi Lobby/Drillon Hall Lobby/ Ground Floor Cafeteria
13:30- 14:30		Introduction of the plenary speaker	Efraim Roxas Chair, DCERP-CHE, University of the Philippines Los Baños	SEARCHA Umali Auditorium
		Plenary speaker 2 Sustainable Cities and Landscapes Open forum	Ranell Dedicatoria Regional Program Manager, ICLEI Local Governments for Sustainability (Southeast Asia)	
14:30- 14:45	Proceed to the specific venue			
14:45- 16:45	Concurrent Sessions			

14:45- 16:45	Organized Session 5 (OS5)	Human Ecology in Latin America and The Latin American Human Ecology Network	Gustavo H. Negreiros (Session Chair), Universidade Federal do Vale do Sao Francisco (UNIVASF)	SEARCA Umali Auditorium
		<i>Human Ecology in Brazil</i>	Juracy Marques dos Santos, Universidade do Estado da Bahia, Brazil	
		<i>Latin America Contributions to Human Ecology</i>	Iva Miranda Pires, Universidade Nova de Lisboa, Portugal	
		<i>Human Ecology in Paraguay</i>	Maria Jose Aparicio, Universidad Nacional de Asuncion, Paraguay	
14:45- 16:45	Organized Session 6 (OS6)	Stocktaking of ESG Efforts in the Region and Direction Setting (by invitation only)	Marlo Mendoza and Veronica Migo (Session Chairs), University of the Philippines Los Baños	Drilon Hall SEARCA
		Organized by: Tan Yan Kee Foundation		
14:45- 16:45	Organized Session 7 (OS7)	Integrative and sustainable agriculture for rural development: a human ecology perspective		GFS Rm SEARCA
		<i>Human ecology, food systems, and integrative and sustainable agriculture for rural development</i>	Robert Dyball (Session Chair), Australian National University and SHE President	
		<i>Food security, food sovereignty, and sustainable development: a case of smallholder Filipino farmers</i>	Federico Davila Australian National University	

Food security in Filipino fisheries: escaping the net of commodity traps

Jennifer Marie S. Amparo, University of the Philippines Los Baños

Food security in the Mekong and the potential for integrative and sustainable agriculture for rural development: Insights for the Philippines

Nguyen Kien, Australian National University

14:45-16:45 Organized Session 8 (OS8)

Longevity Challenges in Asia

Kazuhiko Moji (Session Chair), Nagasaki University
 Mita Noveria, Research Center for Population, Indonesia Institute of Sciences
 Minato Nakazawa, Kobe University
 Osuke Komazawa, Economic Research Institute for ASEAN and East Asia
 Reiko Hayashi, National Institute of Population and Social Security, Japan
 Jaime Galvez Tan, Health Futures Foundation Inc., Philippines

SAS Rm SEARCA

14:45-16:45 Contributed Papers (CP4)

Communities in Transition: Sustainable Development and Eco-tourism

The Bicol Regional Development Plan towards Ambisyon Natin 2040

Agnes Espinas (session chair), National Economic Development Authority (NEDA) - Region V

091 Governance and Tourism Development of Tikub Lake, Tiaong, Quezon, Philippines

Bing Baltazar Brillo, Nico Anastacio, Emely Dicolen, Rowena Bacongus, University of the Philippines Los Baños

NCAS Auditorium
 NCAS Building

111 Incorporation of Social Factors to Localized Effective Tourism Carrying Capacity through Tourist Proxemics (Personal and Social Space)

Merant De Vera, De La Salle College of Saint Benilde

082 Governance Structure in the Promotion of Agritourism in Camarines Sur

Julyven Marta Maniscan, University of the Philippines Los Baños

Human Ecology in the realm of DRRM: An experience from the field

Jubemay Mangalino
NEDA Region

14:45-
16:45 Contributed Papers
(CP5)

Sustainable Food and Water Systems: Sustainable Food Production and Safety

CHE MPH
Multipurpose Hall

050 Genetic Diversity and Relationship of Local Red Rice Cultivars Collections of AIAT Yogyakarta, Indonesia based on Morphological Character

Kristamtini, Endang Wisnu Wiranti, and Heni Purwaningsih, Yogyakarta Assessment Institute of Agriculture Technology

066 The Role of Banana for Farmers Livelihoods in Cianjur, West Jawa, Indonesia

Fasih Vidiastuti Sholihah, Rilus A Kinseng, Sietze Vellema, and Arif Wibowo, Bogor Agriculture University

072 Recognizing Risks and Coordinating Interests: a Multi-level Analysis of the Philippine Banana Sector Responding to a Global Plant Disease

Marilou Montiflor, University of the Philippines Mindanao

142 The DOST Integrated Food Safety Program

Anthony Sales, Department of Science and Technology- Region XI

14:45- 16:45	Organized Session 9 (OS9)	Contemporary Research in Nutrition (1)		CHE DCERP AVR
		<i>Cadmium (Cd) and Lead (Pb) Concentration, and Potential Health Risk Brown Rice of NSICRc222 (Tubigan 18) cultivated in Nueva Ecija, Iloiloand Bukidnon, Philippines</i>	Marjorie Anne Layosa and Liezel Atienza, Angelina Felix, University of the Philippines Los Baños	
		<i>Identification, Quantification, and Valodation of Hydroxycitric Acid (HCA) Content of Some Underutilized Fruits in the Philippines</i>	Paul Alteo Bagabaldo and Wilma Hurtada, University of the Philippines Los Baños	
		<i>Knowledge, Attitude and Practices of 13-19 year old Teenage Mothers on Infant and Young Child Feeding and the Nutritional Status of their Children in Barangay San Antonio and Barangay Mayondon, Los Baños, Laguna</i>	Jake Brandon Andal, Mara Elline Molino, University of the Philippines Los Baños	
		<i>Crafting Strategies to improve the nutritional status and physical fitness of UPLB constituents</i>	Marites Yee, Jovita dela Cruz, Aimee Sheree Barrion, Faye Nguyen Orca, and Shiela Mallion, University of the Philippines Los Baños	
		<i>Cooked rice quality preference and risk of type 2 diabetes mellitus among Filipinos</i>	Angelina Felix, University of the Philippines Los Baños	
14:45- 16:45	Organized Session 10 (OS10)	Assessment of Family Development Sessions of the Conditional Cash Transfer (Pantawid Pamilya) Program in the Philippines Organized by: DHFDS-CHE, University of the Philippines Los Baños	Chair: Ria Sanchez, Chair, DHFDS-CHE, University of the Philippines Los Baños	CHE Dean's Conference Room

An Evaluation of the Family Development Session Modules of the Philippines

Josefina Dizon, Evelie Serrano, Rufo Gil Albor and Kristine Marie Reyes, University of the Philippines Los Baños

Facilitating Factors and Bottlenecks of the Family Development Sessions

Helga Vergara, Nephthaly Joel Botor, and Eric Paul Peralta, University of the Philippines Los Baños

Perceived Effectiveness and Applicability of the FD Sessions in Inculcating Learning

Melissa Ferido, Helga Vergara, Nephthaly Joel Botor, and Eric Paul Peralta, University of the Philippines Los Baños

Assessing the Impact of FD Sessions of the 4Ps on the Socio-behavioral Changes Among Beneficiary Households

Rocky Marcelino, Ramoncito Cambel, Ma. Charina Maneja, Ria Sanchez, Marison Dy, Sarah Jen Paccarangan, Raphael Ferrer, Ronaldo Rogel, and Rhea Bailey, University of the Philippines Los Baños

Assessing the Effectiveness of Conditional Cash Transfer (The Pantawid Pamilyang Pilipino Program or 4Ps) in Reducing Poverty in the Philippines: A Case Study in Los Baños, Laguna

Ria Jhoanna Ducusin, Michael Gatpatan, Jeane Kendall Jaen, and Jeffrey Andrew Losloso, University of the Philippines Los Baños

16:45-
17:00 Afternoon Snacks

SEARCHA Lobby

17:00-
19:00 Concurrent Sessions

17:00-
19:00 Contributed Papers (CP7) **Sustainable Food and Water Systems: Sustainable Transformations**

SEARCHA Umali Auditorium

080 Agroecology and Ecogeomorphology: Novel Ecosystems Perspectives may Aid Rehabilitation of Eroded Grazing Landscapes

Ben Gleeson, Australian National University

113a The Best Laid Plans: The Promise of Policy Implementation Research for Conservation and Sustainability

Eleanor Malbon and Katie Moon, University of New South Wales

122b People, Planet and Project: Transforming the Most Populated River in the World (The Study on Communities Who Are Living Along West Tarum Canal)

Pius Suratman Kartasmita, Parahyangan Catholic University

089 Soil Erosion Risk Assessment in Selected Watersheds in the Philippines Using Site Specific Data

Cheamson Garret Boongaling, Donald Luna, and Decibel Faustina-Eslava, University of the Philippines Los Baños

17:00-19:00	Organized Session 11 (OS11)	Pathways to the Promotion of Human Ecology Program in the Southeast Asian Region (by invitation)	Arif Satria, Human Ecology Institute Pertanian Bogor Husniyah Abdul Rahim, Universiti Putra Malaysia Raden Piadozo, University of the Philippines Los Baños	Drilon Hall SEARCA
		Organized by: SEARCA		
		Session Participants : SEARCA SEAMEO , University Consortium members and Society for Human Ecology Higher Education Institutions (HEIs)		

17:00-19:00	Contributed Papers (CP8)	Communities in Transition: Disaster Risk Reduction and Management (DRRM)		GFS Rm SEARCA
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<i>007 Designing a Disaster Resilient City: A Study of the Institutionalization Process of the Marikina City Disaster Risk Reduction and Management Office (MCDRRMO)</i>	Ron Jay Dangcalan, University of the Philippines Los Baños
<i>163 S and T Action Frontline for Emergencies and Hazards Program (SAFE)</i>	Melvin Carlos, Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development
<i>Disaster Risk Reduction and Management of the Elderlies in Laguna, Philippines</i>	Emilia Visco, Dhino Geges, Carla Edith Jimena, Clarice Pulumbarit, Francis Mark Dioscoro Fellizar, Diana Torio, Gillian Consignaldo, and Ma. Charisma Malenab, University of the Philippines Los Baños
<i>132 Effectiveness of the Environmental Education in Enhancing Preparedness of the Vulnerable Populations in Upland Communities</i>	Leilani Pavilando and Ma. Corazon Ramos-Naz, Bicol University

17:00-19:00	Organized Session 12 (OS12)	Southeast Asian Rural Development for Future Human and Ecological Wellbeing	Federico Davila (Session Chair) Australian National University	SAS Rm SEARCA
		Organized by: Fenner School of Environment and Society, Australian National University		
		<i>Climate Change Resilience and Food Security: A case study in Ayeyarwady Region, Myanmar</i>	Yi Yi Cho, University of Yangon	
		<i>Building Climate Change resiliency through farmer-led agro-biodiversity conservation and improvement</i>	Cristino Paneiro, MASIPAG	

018 Building Co-Capacity through Projects: Short Term Interventions Versus Long Term Trajectories for Sustainable Development in the Philippines

Deb Cleland, Australian National University

Reconciling conservation and development goals in evolving governance systems: Transformation of El Nido, Philippines

Vera Horigue, University of the Philippines

17:00-19:00 Organized Session 13 (OS13)

Ecologies of (In)visible Powers, Hegemonies and Counter Hegemonies in the Day to Day Lives

NCAS Auditorium
NCAS Building

Promise you won't tell: The heightened lives of the everyday in the Neoliberal negotiations and hope in applied theatre

Dennis Gupa (Session Chair), University of Victoria, Canada

Exploring the Emancipatory Practice of Creating Counter-stories by Indigenous Peoples

Devralin Lagos, University of the Philippines Diliman

From Resiliency to Agency: Towards a postcolonial feminist conceptualization of women's resilience and education in the context of conflict and violence

Lea Marasigan, Universitat Autònoma de Barcelona

Resilience or Resistance?: Examining Notions of Youth Through Foucauldian Discourse

Raphael Ferrer, University of the Philippines Los Baños

17:00-19:00 Contributed Papers (CP9)

Sustainable Food and Water Systems: Fisheries

CHE DCERP AVR

106 A Comparative Case Study in Social Vulnerability: Small-scale Seagrass Fisheries in the Philippines

Angela Quiros, Michael Beck, Bernie Tershy, Alexis Araw, Conald Croll, University of California Santa Cruz

102 Aquapelagic assemblage in Small-scale Island Group: A Case of Hundred Islands National Park, Alaminos City, Pangasinan, Philippines.

Jesamine Rebugio, Pangasinan State University; and Katherine Santos, Cavite State University

170 Small-scale Fishers' Perception on Prohibition Policy on Trawls or Seine Nets Fishing Gear

Soraya Feruzia, Nur Hannah Muthohharah, Arif Satria, Bogor Agricultural University

086 Motivations and Conditions Influencing the Success of Fisheries Co-Management in Selected Areas of Negros Occidental, the Philippines

Nathaniel Diaz, Rose Jane Dela Cruz, Ma. Charisma Malenab, Isagani Perez, Edwin Balajadia, Emilia Visco, and Carla Edith Jimena, University of the Philippines Los Baños

19:15-
21:15 **A Little night of Music: Filipino musicality & karaoke night** With entrance fee and dinner included

CHE MPH

Day 4 Thursday, November 30

TIME	EVENT	TITLE	PRESENTER / FACILITATORS	VENUE
8:00-8:30	Registration Morning Snacks			SEARCHA Umali Auditorium

8:30-8:40		Introduction of the SHE Session and Plenary Speakers	Ria Sanchez Chair, DHFDS-CHE, University of the Philippines Los Baños	
8:40-9:10		Human ecological issues and envisioning pathways to just and sustainable future	Francisco Fellizar Jr. Former Dean, College of Human Ecology, UPLB Professor Emeritus Ritsumeiken Asia Pacific University, Japan	
9:15-10:15		Plenary speaker 3 Communities in Transition: Implications on Rural Resilience, Biodiversity and Ecotourism Open Forum	Regina Paz Lopez Host, ABS-CBN G Diaries show Environmental Advocate and Philanthropist	
10:15-10:30	Proceed to specified venue			
10:30-12:30		Meet and greet session with Gina Lopez		NCAS Auditorium
10:30-12:30	Concurrent Session			
10:30-12:30	Organized Session 14 (OS14)	Environment and Health in the Asian Context <i>Dengue in Philippines</i>	Chiho Watanabe (Session Chair) University of Tokyo, Japan Kozo Watanabe Ehime University	SEARCHA Umali Auditorium

The first outbreak of Zika virus in Malaysian Borneo state of Sabah

Kamruddin Ahmed, Mohd Yusok Ibrahim, Mohamad Saffree Jeffree, Takaaki Yahiro, Nelbon Giloi, Zainal Arifin Mustapha, Chua Tock Hing, and Raafidah Othman, Universiti Malaysia Sabah

Molecular epidemiology of mumps virus outbreak among university students in Malaysia

Daisuke Mori, Nelbon Giloi, MohdYusof Ibrahim, Mohammad Saffree Jeffree, Takaaki Yahiro, Zainal Arifin Mustapha, and Kamruddin Ahmed, Universiti Malaysia Sabah

Environment and Maternal-Child Health in Philippines

Hanna Horiguchi, Kobe University

Malaria in Lao PDR

Wataru Ohira, University of Tokyo

10:30-12:30	Organized Session 15 (OS15)	<p>Reducing Health and Environmental Exposures of Vulnerable Communities to pollution through effective governance and restoration approaches</p> <p>Organized by: PureEarth</p> <p><i>Scope of Lead in Paint and ULAB Recycling Impacts</i></p> <p><i>Highlights of Country Action Plans to Address Lead Contamination</i></p> <p><i>011 Factoring in Ecological Restoration approaches in the Brownfields</i></p>	<p>Clarice Pulumbarit, University of the Philippines Los Baños</p> <p>Lloly De Jesus, Innogy Solutions, Inc.</p> <p>Geronimo Sanez, Department of Environment and Natural Resources</p> <p>Augustine Doronila, University of Melbourne; Singarayer Florentine, Patrick Graz, Rachel Martin,</p>	Drilon Hall SEARCA
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Kim Dowling, and Nimesha Fernando, Federation University Australia

144 Environmental and Economic Analysis of Rehabilitation of Mined-Out Areas in Rio Tuba, Palawan, Philippines

Kathleen Faith Evina, University of the Philippines Los Baños

10:30-12:30 Organized Session 16 (OS16)

Island Economy : Value Chain Based Convergence Framework

GFS Rm SEARCA

Organized by: DSDS, CHE, University of the Philippines Los Baños

Island Economy Value Chain Framework in providing Appropriate & Culturally sensitive Technologies to Communities:

Alexander Madrigal, Regional Director DOST IV-A

Community Empowerment thru Science and Technology

Edgardo Esperancilla, DOST Region VIII

Island Economy Pilot Site: The Case of Alabat Island, Province of Quezon, Philippines

Hon. Fernando Mesa, Mayor, Alabat Island, Province of Quezon

Community needs assessment of the Polillio Group of Islands: An overview

Vivien Gedalanga, Joyce Caponpon, Jamie Clavano, et.al., University of the Philippines Los Baños

Partnership with State Universities in conducting CNA: The Case of DSDS-CHE UPLB in the Polillo Group of Islands, Quezon Philippines: Lessons Learned and Road Mapping

Maria Emilinda Mendoza, University of the Philippines Los Baños

10:30- 12:30	Contributed Papers (CP10)	Human Ecology Framework and Thinking	SAS Rm SEARCA
		<i>079 Merging Landscape and Human Ecology: Political Ecology, Examples and Perspectives</i>	Emilio Padoa-Schioppa and Claudia Canedoli, University of Milano-Bicocca
		<i>062 Human Ecology in Brazil is Parks Human Ecology?</i>	Luciano Sergio VentinBomfim, Universidade do Estado da Bahia
		<i>025 Scientific Thinking Contexts</i>	John Schooneveldt, Australian National University
		<i>037 Home Economics/Human Ecology - on our Way to Sustainable Wellbeing</i>	Kaija Turkki, University of Helsinki
		<i>071 Martin Heidegger and Meaning of Dwelling - Thinking about the Placeness of the "be-where" from Dasein</i>	Wellington Amancio da Silva, Universidade Federal de Alagoas – Campus Sertão

10:30- 12:30	Organized Session 17 (OS17)	The Philippine Environment from Historical Approaches and Anthropological Perspectives	NCAS Auditorium NCAS Building
		Organized by: DSS, CAS, University of the Philippines Los Baños	
		<i>Imaging the Philippine Environment Using Selected Travelogues of the Nineteenth Century</i>	Dwight Diestro, University of the Philippines Los Baños

“Balatik”: A Culture Sensitive Approach to Conservation Programs

Christian Rosales, University of the Philippines Los Baños

The Philippine landscapes through historical reading of the literary texts

Gloria Esguerra Melencio, University of the Philippines Los Baños

Exploring Visayan Landscapes Through Their Spiritual Knowledge in the 17th century

Ma. Reina Boro-Magbanua, University of the Philippines Los Baños

13:30-15:30 Contributed Papers (CP11)

Communities in Transition: Impacts of Climate Change to families and communities

CHE MPH

048 Climate Change, Health and Sustainable Healthcare

Stefi Barna , Ajiv Univeristy, India

092 Climate Change: A threat to Food Security in Nigeria

E.E. Ukoaviomoh, University of Benin; I.M. Obot, Nassarawa State University; and C.O. Onyekwuluje, University of Benin

077 Transformation of Ekip Community for Climate Adaptation in terms of Economy, Gender and Human Rights

Go Takahasi, University of Peace

133 Weaving Meaning to Climate Change and Disaster Adaptation at Family Level: The Values-Based Development Alternatives for the Welfare of the Needy (v-dawn) Experience in Mt. Masaraga Watershed Buffer Zones of Albay, Philippines

Alberto Gonzales and Ma. Julieta Gonzales, Bicol University

10:30-12:30 Contributed Papers (CP12)

Sustainable Food and Water Systems: Water Resources

CHE DCERP AVR

146 Alternate Wetting and Drying: Addressing water scarcity in rice production

Florencia Palis and Ruben Lampayan, University of the Philippines Los Baños

Capacitating the Local Government Units in Reducing Pollution in the Meycauayan, Marilao and Obando River System, Philippines

Ma. Charisma Malenab, Dhino Geges, Emilia Visco, Carla Edith Jimena, Jennifer Marie S. Amparo, and Diana Torio, University of the Philippines Los Baños

094 Comparative Water Quality Assessment in Upland, Lowland and Coastal Rural Communities The Case of Udalo, Abra de Ilog, Occidental Mindoro, Philippines

Fevi Rose Paro, University of the Philippines Los Baños

084 Methodology on Determining Household Water Demand of Different Socio-economic Classes in Selected Communities in Metro Manila, Philippines

Ma. Anjelica Ancheta, Roberto Soriano, and Erickson Llaguno, University of the Philippines Diliman

109 Climate Change Impacts and Adaptation Practices in Water Resources in Salyantar, Central Nepal

Reshu Bashyal, Subodh Dhakal, Binod Baniya, Tribhuvan University

12:30- 13:30 Lunch break

SEARCHA Audi
Lobby/Drillon Hall
Lobby/ Ground Floor
Cafeteria

13:30- 13:35 Introduction of the Plenary Speaker

Marison Dy
College Secretary, CHE, University of the Philippines Los Baños

13:35-14:35		Plenary speaker 4 Launch of the Lancet Commission on Pollution and Health Report	Andrew Mc Cartor Director for Global Policy and Planning, Pure Earth, New York, USA	SEARCA Umali Auditorium
14:35-14:45	Proceed to specified venue			
14:45-16:45	Organized Session 19 (OS19)	Pure Earth (by invitation) Inter –Agency Meeting for Global Health Pollution Alliance UNIDO, DENR, DOH, DOST, Pure Earth Organized by: PureEarth	Carla Jimena (Moderator), University of the Philippines Los Baños	SEARCA Umali Auditorium
14:45-16:45	Organized Session 20 (OS20)	Human Ecology in Practice: Applying systems thinking and human ecological thinking after graduation Organized by: Fenner School of Environment and Society, Australian National University	Federico Davila, Eleanor Malbon, Pele Cannon Australian National University Victoria Pilbeam University of Oxford	Drilon Hall SEARCA

14:45- 16:45	Organized Session 21 (OS21)	<p>Solutions to Toxics: Remediation Approaches</p> <p>Organized by: PureEarth</p>	<p>Mark Fellizar (moderator), University of the Philippines Los Baños</p> <p>Andrew McCartor and Lara Fisher Crampe, Pure Earth New York</p> <p>Gordon Binkhorst, Alta Environmental Corp.</p> <p>Robert Kurkjian, TetraTech</p> <p>John Vincent Pleto, Malayan Colleges</p> <p>Dr. Augustine Doronila, Melbourne University</p>	GFS Rm SEARCA
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14:45- 16:45	Organized Session 22 (OS22)	<p>Advisory Services for Communities in Transition</p> <p>Organized by: UPLB CPaFD</p> <p><i>Communities in Transition and Competencies needed for Advisory Service Providers in Asia and the Pacific</i></p> <p><i>Local Colleges and Universities as Advisory Hubs for Rapidly Urbanizing Communities</i></p> <p><i>Mainstreaming Climate Change in the Agricultural Extension System: Policy and Capacity Building Implications</i></p>	<p>Virginia Cardenas, University of the Philippines Los Baños</p> <p>Albert Madrigal, University of Cabuyao-Laguna</p> <p>Rowena Baconguis, University of the Philippines Los Baños</p>	SAS Rm SEARCA
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Challenges in Mainstreaming Climate Information in the Municipal Agricultural Extension Advisory System in the Philippines

Agnes Rola, Aileen Lapitan, and Maria Cristina Alvarez, University of the Philippines Los Baños

14:45-16:45 Organized Session 23 (OS23)

Gearing towards Food Safety and Functional Food as Intervention Modalities of Food Security

NCAS Auditorium
NCAS Building

Organized by SEARCA UPLB

Stabilization of Bioactive Compounds for Efficient Delivery- Trends and Applications

Floirendo Flores, College of Agriculture and Food Science

Food Safety Intervention in Managing Public Health Risk

Ma. Josie Sumague and Bryan Rey Oliveros
College of Agriculture and Food Science

Utilization of Indigenous Philippine Root Crops as Potential Prebiotics

Lotis Mopera, College of Agriculture and Food Science

Food Safety Dimension of Philippine Fermented Food

Richard Navarro, College of Agriculture and Food Science

123a Redistribution as a Way to Combat Food Waste: a Case Study of a Civil Society Initiative in Portugal

Iva Pires, Faculdade de Ciências Sociais e Humanas; and Diogo Lorena, Associação para a Recuperação do Desperdício

13:30-15:30 Contributed Papers (CP13)

Sustainable Cities and Landscapes: Challenges and changes in land use resources

NCAS Gallery 1

199a Participatory Resource Mapping of Small Island Resources in Camiguin Island, Philippines

Edgar Reyes, Jr., Technical University of Dortmund; Yves Dann Romualdo, Local Government Unit at Mambajao, Camiguin; Fe Aranas Belara,

Local Government Unit at Mambajao, Camiguin ;
Melchora Sibuyan, Local Government Unit at
Guinsiliban, Camiguin; RegieLloren, Camiguin
Polytechnic State College; Ralphael Gonzales

*110 Mapping Heritage Centers and Houses in Pila,
Laguna through Free and Open Source System
(FOSS)*

Arnalie Faye Vicario, University of the Philippines
Diliman

*013 Tackling the Challenges of Landscaping and
Home Interior for Sustainable Housing Safety in in
Nigerian Coastal Communities*

Bridget Itunu Awosika, Adeyemi College of
Education

*097 Exploring LiDAR and Satellite Data for Storm
Water Management: Prospects Towards
Sustainable Cities and Communities in the
Philippines*

Edwin Abucay and Yi-Hsing Tseng, National Cheng
Kung University

*130 Effects of Landscape Change on Surface
Water Quality of Northern Taal Watershed,
Philippines*

Junser Perez Magpantay, Cavite State
University; Antonio Alcantara, Renato Lapitan,
Dante Gideon Vergara, and Rico Ancog, University of
the Philippines Los Baños

14:45-
16:45 Contributed Papers
(CP14)

**Communities in Transition: Social Enterprise and
S&T for communities**

CHE MPH

*083 Promoting Community Resilience through
Social Enterprise: Experiences from the
Municipality of Concepcion, Iloilo, Philippines*

Dhino Geges, Ritsumeikan Asia Pacific University /
University of the Philippines Los Baños

139 Science and Technology – based Social Enterprise for Community Impact

Florencia Palis, Agnes Banzon, Rowena de Guzman, Dan Paolo Yema, and John Perez, University of the Philippines Los Baños

160 Strategies in Mainstreaming Drug Surrenderers of Los Baños in Social Enterprises

Samuel Brando Piamonte, Florencia Palis, Rowena de Guzman, Dan Paolo Yema, University of the Philippines Los Baños

159 Community Empowerment thru Science and Technology

Edgardo Esperancilla, Department of Science and Technology RO VIII

14:45-
16:45 Contributed Papers
(CP15)

Communities in Transition: Sustainable Livelihoods

CHE DCERP AVR

012 Transition through Resilience for Sustainable Livelihood by Low Income Families in Nigeria

Bridget Itunu, Adeyemi College of Education, Ondo State, Nigeria

057 Non-Timber Forest Products as livelihood options of the primitive tribal groups of Nilgiri Biosphere Reserve, The Western Ghats, India- Challenges and concern.

Anoop Das, M.E.S Mampad College; and Chelat Kandari Rohini, Sree Narayana College

075 When the Shoes No Longer Fit: Narratives and Constructions of Identity Among Sapateros of Marikina, Philippines

David Matthew Gopilan and Serlie Jamias, University of the Philippines Los Baños

14:45-
16:45 Organized Session 24
(OS24)

Renewable Energy Issues and Challenges in the Philippines

CHE Dean's
Conference Rm

Organized by: CHE Alumni Association

Private sector mindsets on mainstreaming climate-friendly investments Hanna Fernando-Pacua (Session Chair), IFC-World Bank

An Assessment of the Performance of a Small-scale Renewable Energy System: A case study in Green Island, Roxas, Palawan, Philippines Anna Ortiz
Ritsumeikan Asia Pacific University

The role of international climate finance in creating community resilience Sugar Gonzales, Asian Development Bank

16:45-17:00 Afternoon snacks

17:00-19:00 Concurrent Sessions

17:00-19:00 Organized Session 25 (OS25) **Energy Resiliency in the Philippines** Session Chair Hershey Tapia Dela Cruz , DOE SEARCA Umali Auditorium

Organized by: UPLB CHE Alumni Association

Energy Policy and Plan Hershey Tapia Dela Cruz, Department of Energy

Impact of CSR initiatives on a company's bottom line Victor Chan, Security Bank

Community Engagement thru CSR: The RP Energy Experience Jason Gavina, RP Energy

17:00-19:00 Organized Session 26 (OS26) **Solutions to Toxics: Working with Communities** Gillian Consignaldo (Moderator), University of the Philippines Los Baños Drilon Hall SEARCA

Organized by: PureEarth

*Lead Risk Reduction Project in Bihar State, India-
Sharing Implementation Experience and Strategies*

Promila Sharma Malik, Pure Earth India
Nickolaus Hariojati, Pure Earth Indonesia
Lynn Crisanta Panganiban, University of the
Philippines Manila
Larah Ibanez, Pure Earth Philippines

17:00-
19:00 Organized Session 27
(OS27)

**Food Systems and Water management for Rural
Development**

GFS Rm SEARCA

**Organized by: Fenner School of Environment and
Society, Australian National University**

*Is adaptive co-management existing in the
Vietnamese Mekong Delta? Examining the working
interface between food management and
adaptation*

Thong Tran (Session Chair), Australian National
University

*Characterizing actors saving vegetable seed in
Japan*

Ayako Kawai, Australian National University

*Role of Gender in Water management and rural
development*

Nguyen Van Thai, An Giang University

*051 Unpacking links between food security and
biodiversity through a livelihood lens: the case of
Southwestern Europe*

Aisa Manlosa, Leuphana Universitaet Lueneburg

17:00-19:00	Contributed Papers (CP16)	Communities in Transition: Indigenous Knowledge Systems	SAS Rm SEARCA
		<i>045 The Role of the IKSP of Aytas in Mount Pinatubo in CC DRRM</i>	Zen Leonard Estacio, Aaron Julius Lecciones, Leonardo Estacio, University of the Philippines Los Baños
		<i>074 Constructs of Development among Manobo Women in Conflict Areas in Surigao Del Sur, Mindanao, Philippines</i>	Rosalyn Dayao and Serlie Jamias, University of the Philippines Los Baños
		<i>168 The Effect of External Factors on the Sustainability Level of Mane'e as Kakorotan's Local Wisdom</i>	Khoirunnisak and A. Satria, Bogor Agricultural University
		<i>State of Indigenous Peoples in the Philippines</i>	Norma Mapansa-Gonos, Philippine Response to Indigenous and Muslim Education (PRIME)
		<i>Gender Studies among Indigenous Peoples</i>	Helen Dayo, University of the Philippines Los Baños
17:00-19:00	Contributed Papers (CP17)	Communities in Transition: Youth for Environmental Change	NCAS Auditorium NCAS Building
		<i>003 Adolescent Materialism and Connectedness to Nature</i>	Marison Dy, University of the Philippines Los Baños
		<i>059b When Nanays Need a Virtual Hug: Exploring Supportive Communication in an Online Mothers' Facebook Group in Mindanao</i>	Avril Adrienne Madrid, University of the Philippines Los Baños

136 Environmental Awareness of Kindergarten Teachers in Selected Private and Public Schools in Calauan Laguna

Geri Mae Tolentino, Ria Sanchez, Carmelita Rebanco, and Ma. Stella Tirol, University of the Philippines Los Baños

067 Communities in Transition: Are Young New Zealanders Changing the Way they Respond to Environmental Challenges?

Joanne Bailey, Western Sydney University

17:00-19:00 Organized Session 28 (OS28)

Contemporary Research in Nutrition (2)

CHE MPH

Organized by: IHNF-CHE UPLB

Proximate Composition and sensory evaluation of instant breakfast cereal from yellow maize fortified with moringa leaf

Mopelola Akintoye, Gideon Adegoke, Adeyemi College of Education, Nigeria

Nutrient Content and Sensory Characteristics of Crackers Made from Indigenous Pigmented Corn (Zea mays L.)

Zarah Garcia, Wilma Hurtada, and Clarissa Juanico, University of the Philippines Los Baños

Glucose Lowering Effect of Brown Pigmented Ruce (Oryza sativa L.) in Hyperglycemic Sprague Dawley Rats

Heni Purwaningsih, Aimee Sheree Barrion, Marites Yee, Josefina Dizon, Wilma Hurtada, University of the Philippines Los Baños

Nutritional Content of student budget breakfast meals served by selected food concessionaires in the University of the Philippines Los Baños

Aimee Sheree Barrion, University of the Philippines Los Baños

Knowledge, Attitude and Practices of Individuals in Type 2 Diabetes Management in Los Baños, Laguna, Philippines

Clarissa Juanico, Valerie Acayen, Wilma Hurtada University of the Philippines Los Baños

		<i>Nutritional status of 24 to 71 month old children of the Talaandig Tribe in Lantapan, Bukidnon, Philippines Fed with Job's Tear "Adlai"</i>	Rachel Gaye Blanco-Caina, Wilma Hurtada, Erlinda Dizon, and Clarissa Juanico, University of the Philippines Los Baños	
17:00-19:00	Organized Session 29 (OS29)	Bridging Environmental Planning Theory and Practice Towards Sustainable Cities and Communities in the Philippines Organized by: DCERP-CHE UPLB	Joan Pauline Talubo, Ma. Catriona Devanadera, Sharon Feliza Ann Macagba, University of the Philippines Aaron Julius Lecciones University of the Philippines Diliman	CHE DCERP AVR
17:00-19:00	Organized Session 30 (OS30)	Social Impact Assessment of Development Projects Organized by: DSDS-CHE UPLB		CHE Dean's Confe Rm
		<i>Social Impact Assessment of the National Program for Sustainable Upland Farming through the Establishment of Barangay Sagip Saka (Conservation Farming Village)</i>	Girlie Nora Abrigo, Marilyn Elauria, Alessandro Manilay, Simplicio Medina, Rosa de los Reyes, and Grace Ann Reynoso, University of the Philippines Los Baños	
		<i>Social Impact Assessment of A Watershed Rehabilitation Program on Assisted People's Organization in Rizal, Philippines</i>	Noriel Tolentino, and Clarice Pulumbarit, University of the Philippines Los Baños	
		<i>Social Acceptability to Zero-waste Lifestyle of Public High School Students of Cavite City and Santa Maria, Laguna</i>	Elaine Joyce Borejon, Climate Change Commision Arnalie Faye Vicario, University of the Philippines Diliman Yesmeen Frani, Khristine Hope Pujanes, Philippine Institute of Environmental Planners	

Ma. Rowella Irene Garalde, Human Settlement Planners' Society

Binalonan, Gumagaling: A Case Study of the Solid Waste Management Practices of the Municipality of Binalonan, Pangasinan

Ramon Guiico III, Claire Cabacang, Richard Mel Capilis, Local Government of Binalonan, Pangasinan

	Routledge Publishing (meet and greet)	Understanding Human Ecology (MEET and GREET)	Robert Adam Dyball	SEARCA Auditorium Lobby
19:00-19:30	Shuttle Service to conference dinner venue			Assembly at SEARCA Lobby
19:30-22:30	Conference Dinner	Fellowship and socials Open cash bar and awards ceremony		Kamayan sa Palaisdaan Bay, Laguna
22:30-23:00	Travel back to UPLB from Kamayan Sa Palaisdaan			

Day 5 Friday, December 1

TIME	EVENT	TITLE	PRESENTER / FACILITATORS	VENUE
8:30-8:55	Registration			

8:30-8:55		SHE XXII CHE Conference Organizing Committee Meeting Ways Forward	Robert Dyball and UPLB CHE SHE Conference Chairs	SEARCHA Umali Auditorium
8:55-9:00		Oscar M. Lopez Foundation Video Presentation		
9:00-9:10		Introduction of the Plenary Speaker	Normahitta Gordoncillo Chair, IHNF-CHE, University of the Philippines Los Baños	
9:10-10:10		Plenary speaker 4 Sustainable Food and Water Systems Open Forum	Stacy Jupiter Melanesia Director, Wildlife Conservation Society	
10:10-10:30	Proceed to specific venue Morning Snacks			
10:30-12:30	Concurrent session			
10:30-12:30	Organized Session 31 (OS31)	Beyond Compliance: Opportunities in the Natural Resources Sector for Community Development and Poverty Alleviation	Prof Marlo D. Mendoza (Session Chair), University of the Philippines Los Baños	SEARCHA Umali Auditorium
		Sponsored by: Tan Yan Kee Foundation		

<i>The Role of the Private Sector in Achieving the SDGs</i>	Mr. Titon Mitra, Country Director United Nations Development Programme (UNDP)
<i>” “E”- Environment – on ESG Rating Concept and the Global Reporting Initiative as a Standardized Reporting for ESG</i>	Prof. Marlo Mendoza , CFNR-UPLB
<i>”S” Social – on ESG Rating Concept and the Global Reporting Initiative as a Standardized Reporting for ESG</i>	Mr. Jonathan Anuma , Tan Yan Kee Foundation
<i>”G”- Governance– on ESG Rating Concept and the Global Reporting Initiative as a Standardized Reporting for ESG</i>	Mr .Philip Sing , Executive Director Tan Yan Kee Foundation

10:30-12:30	Contributed Papers (CP18)	Communities in Transition: Gender and Women Studies	Drilon Hall SEARCA
		<i>010 Assessment of Gender and Development Mainstreaming in Disaster Risk Management of the Province of Laguna</i>	Jison Nalangan and Ron Jay Dangcalan, University of the Philippines LosBaños
		<i>101 Advancing Gender Equity: Planning for Metro Laguna, Philippines</i>	Christine Joyce Mendoza, University of the Philippines Los Baños
		<i>085 Conservation and Feminist Political Ecology: The PALITAKAN (Pro-Mangrove Alliance and Implementing Team and Quilitisan’s Advocate of Nature) as Resource Managers of Calatagan Mangrove Forest Conservation Park in Verde Island Passage Marine Corridor, Philippines</i>	Ma. Charisma Malenab, Joshua Ladia and Emilia Visco, University of the Philippines Los Baños

169 Gender and Land Conversion: The Threat of Poverty Feminisation and Loss of Food Sovereignty of the Suku Anak Dalam (Local Ethnic) in Jambi - Indonesia

Titik Sumarti and Sofyan Sjaf, Bogor Agricultural University

Representations of Muslim Women and Migrant Cultural Identities in Contemporary Women's Writings

Sirwan Ali, UWA School of English and Cultural Studies

10:30-12:30 Organized Session 32 (OS32)

Corporate Citizenship and Social Responsibility: The Role of Private Sector in Social Development

GFS Rm SEARCA

Organized by: Philippines Business for Social Progress (PBSP)

The Changing Landscape of Corporate Social Responsibility

Jerome Daclison, Philippine Business for Social Progress

Water Alliance: Creating Sustainable Solutions to Water Challenges

Leilani Briosos McDonough, Philippine Business for Social Progress

10:30-12:30 Organized Session 33 (OS33)

Sustainable Development and Open and Distance e-learning

Primo Garcia, Joane Serrano, University of the Philippines Open University

SAS Rm SEARCA
Workshop Rm

Organized by: UP OPEN University

064 The Use of Blended e-Learning to Human Ecology education

Louise Blessington, Australian National University

10:30- 12:30	Organized Session 34 (OS34)	Integrating Food and Nutrition Security (FNS) in Disaster Preparedness and Response (DPR)/ Climate Change Adaptation (CCA) Local Planning	CHE MPH
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Organized by: DCERP-CHE UPLB

*Mainstreaming Framework for Integrating FNS in
DPR and CCA*

Ricardo Sandalo, University of the Philippines Los
Baños

State of Food Security in the Philippines

Domingo Angeles, University of the Philippines Los
Baños

*Network Analysis of Organizations and Institutions
working on FNS, DRP, CCA, LDP*

Efraim Roxas, University of the Philippines Los Baños

*Planning and Financing of FNS Projects/Programs
at the LGU Level*

Sandra Samantela, University of the Philippines Los
Baños

**12:30-
13:15** **Lunch break**

SEARCHA Audi Lobby/
Drillon Hall Lobby/
Ground Floor Cafeteria

**13:15-
13:30** **Proceed to the session venues**

13:30-
15:30 Concurrent Sessions

13:30- Organized Session 35 **Regional integration and Development**
15:30 (OS35)

SEARCA Umali
Auditorium

Industry 4.0: The Future of Work: Implications on Human Ecologists

Floro Francisco (Session Chair), LO Norway
& President College of Human Ecology Alumni Association, Inc.

The Digital Workforce: Implications on Labor, Migration using a Human ecological Perspective

Floro Francisco, LO Norway
& President College of Human Ecology Alumni Association, Inc.

127 Regional Currency as a Tool to Promote Decentralized and Sustainable Regional Development: Exemplifying the Commune of Mariquina, Los Rios Region, Chile

Bonnie Andrew Mendoza, Asian Development Bank

OS 095 The Criminal e-cosystem: Navigating Transnational Cybercrimes in the Age of ASEAN Economic Integration

Chad Patrick Osorio, University of the Philippines Law Center

13:30- Organized Session 36 **Contemporary Research in Health and Nutrition**
15:30 (OS36) **(3)**
Organized by: IHNF-CHE UPLB

Drilon Hall SEARCA

<i>Investment in Early Year – Global Priorities and Approaches</i>	Ziauddin Hyder, World Bank
<i>Quality of Life Assessment of Retirable Personnel in State Universities in the CALABARZON: Implications for Nutrition Education</i>	Adela Jamorabo-Ruiz, Polytechnic University of the Philippines
<i>Awareness of Senior Citizens of their Benefits and Entitlements according to the Expanded Senior Citizens Act</i>	Adela Jamorabo-Ruiz, Sophronia Malabanan Polytechnic University of the Philippines
<i>Role of Nutrition Education Among the Elderly: A Case on Elderly Development Program in UPLB</i>	Kristine Joy Alborida, Aiza Kris Bernardo, Laarni Mano, and Jessica Santos, University of the Philippines Los Baños
<i>Mapping my Walk: Gauging College Students’ Experiences During their Walking for Fitness Class Sessions</i>	Jovita dela Cruz, and Marites Yee, May Magnata, University of the Philippines Los Baños

13:30-15:30	Organized Session 37 (OS37)	<p>Sexuality, Adolescence and Parenting Practices Organized by: DHFDS-CHE UPLB</p> <p><i>Relevance of Sexuality Education in Tertiary Education: Students’ Perceptions on Body Image, Sexual Intimacy and Parenting</i></p> <p><i>Sexual Risk Behaviors and Sexuality Education in Tertiary Level</i></p> <p><i>Influences of Perceived Parenting Practices on Adolescent Body Image and Risky Sexual Behaviors</i></p>	<p>Rhea Bailey, Katherine Del Rosario, Sarah Jen Paccarangan, Greg Pawilen, Raphael Ferrer, and Eric Paul Peralta, University of the Philippines Los Baños</p> <p>Raphael Ferrer University of the Philippines Los Baños</p> <p>Rhea Bailey, University of the Philippines Los Baños</p>	GFS Rm SEARCA
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13:30-15:30	Organized Session 38 (OS38)	Communities in Transition: Sustainable Agriculture Organized by DOST PCAARRD	SAS Rm SEARCA
		<i>145 Promotion of Organic Agriculture through Community-Based Organizations in Quezon Province, Philippines</i>	Rowena de Guzman, University of the Philippines Los Baños
		<i>131 Mobilization of young people and young professionals of Santa Maria, Laguna in sustainable agriculture through organic farming practices</i>	Kristine Hope Pujanes, Samahan ng Magsasakang Organiko sa Marilag; Pawan Khatri/Hidayatullah National Law University
		<i>114 Revitalizing Rural Communities Through Agro-enterprise Development: Initiatives in the Philippines</i>	Clarice Pulumbarit, Carla Edith Jimena, Maria Emilinda Mendoza, Emilia Visco, NimfaBeatris Montes, Jewel Joanna Cabardo, University of the Philippines Los Baños
		<i>166 R and D Initiatives on Sustainable Agricultural Resources Management</i>	Rodolfo Ilao, Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development (DOST-PCAARRRD)
		<i>164 Strengthening Technology Chains in the Philippines: Milestones of PCAARRD's Industry Strategic S and T Programs (ISPs) on Crops</i>	Jocelyn Eusebio, Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development (DOST-PCAARRRD)
13:30-15:30	Contributed Papers (CP20)	Sustainable Cities and Landscapes: Biodiversity Conservation	NCAS Auditorium NCAS Building

117 Does a Community's Connection to External Knowledge declines Agrobiodiversity? Unravelling Linkages Between Knowledge Domains Interactions, Practices and in situ Agrobiodiversity Conservations in East Java, Indonesia

Iman Nawireja, Bogor Agricultural University; and Sietze Vellema, Wageningen University and Research

165 R and D Initiatives on Biodiversity

Leila America, Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development (DOST-PCAARRRD)

120 Comparative Analysis of the Phase 1 and 2 Threat Reduction Assessments in Mount Isarog Natural Park

Raul Bradecina, and Leih Anne Odoño, Partido State University, Bicol

065 The Conservation Agreement as an Ecosystem-based Adaptation Strategy to Address Climate Change in Cilonay, Calapan, Oriental Mindoro, Philippines

Almira Geles Lumbres, University of the Philippines Los Baños

078 Landscape Approach of Conservation and Development: Implication for Rural Resilience and Biodiversity in Nepal

Yadav Uprety, Tribhuvan University; and Sagar Kumar Rimal, Ministry of Forests and Soil Conservation

13:30-
15:30 Contributed Papers
(CP21)

Sustainable Food and Water Systems: Food Sovereignty and Food Security

NCAS Gallery 1

104 Vulnerability and Communities' Adaptive Capacities for Food Security: Implications for Land use policy in the Santa Cruz Watershed, Laguna, Philippines

Agnes Rola, University of the Philippines Los Baños

135 Food In/Security and Interim Land Use Policies in the Philippines: The Case of Poultry and Livestock Operations

Rasmiah Malixi, Pollution Control Association Of The Philippines, Inc

088 Roles of Sense of Place to Food Sovereignty

John Ceffrey Eligue, University of the Philippines Los Baños

13:30-15:30 Contributed Papers (CP22)

Sustainable Cities and Landscapes: Impacts of Urbanization to Communities

CHE MPH

015 Implications of Urbanization in Bwari Area Council, Abuja Federal Capital Territory, Nigeria

Emmem Uko Bassey, Federal College of Education, Obudu

021 Impacts of Urban Sprawl on Urban Services and Infrastructure

Kebenei Judy Chemutai, Kenyatta University

300 "Housing Satisfaction" and "Willingness to Migrate": A Comparative Study between Urban and Rural Dwellers in Barangay Bagong Silang and Barangay Baybayin, Los Baños Laguna

Frances Nicole Lavapie and Alexisse Diarra Publico, University of the Philippines Los Baños

13:30-15:30 Contributed Papers (CP23)

Sustainable Cities and Landscapes: Urbanization and Transport

CHE DCERP AVR

055 Traffic Congestion Analysis of the Central Business District of San Pablo City, Laguna, Philippines

Kenneth Bernard Hizon, Edgar Reyes Jr., Efraim Roxas, and Christine Joyce Mendoza, University of the Philippines Los Baños

301 Perceived Effects of Traffic on the Business Performance of Water Delivery Services in Los Baños, Laguna, Philippines

Angela Joyce Lawas, University of the Philippines Los Baños

115 Urban Mobility in a Managed Chaos: The Nightmare of Transport Governance in Metro Manila Philippines

Gina Gatarin, Innovations for Poverty Action, Far Eastern University, Inclusive Mobility Network

13:30-
15:30 Contributed Papers
(CP24)

Health and Ageing: Ecological Restoration and Environmental Health

CHE Dean's
Conference Rm

061 Secular Trends in Body Composition and Maturation of Children in Warsaw - Ecological Aspect

Alicja Budnik and Anna Siniarska, Cardinal Stefan Wyszyński University

056 Changes in Age at Menarche from the Early 20th to the Beginning of the 21st Century (Merida, Yucatan, Mexico)

Anna Siniarska, Alicja Budnik, and Napoleon Wolański, Cardinal Stefan Wyszyński University

046 Impact of Earthquake on ART Adherence, ART Resistance, Social and Mental Health Problems Among People Living with HIV in Nepal: a Longitudinal Study

Negi Bharat Singh, Kobe University; Masanori Kameoka, Kobe University; Joshi Sunil Kumar, Kathmandu Medical College; Nakazawa Minato, Kobe University

302 Environmental Determinants Influencing Malaria Cases in Puerto Princesa City, Palawan

Nicole Faith Blanco

15:30-
17:00 Writeshop (part 3 of 3)
(free)

Research Writing and Pomodoro Technique

Deborah Cleland, Australian National University; and Jennifer Marie S. Amparo, Australian National University/ University of the Philippines Los Baños

SAS Rm SEARCA

15:30-
16:00 **Closing program and
 messages**

Sue Liza C. Saguit
Director, Office of Alumni Relations (OAR),
Board Member, Society for Human Ecology

SEARCHA Auditorium

Floro R. Francisco
President CHE Alumni Association , Inc. (CHE AA,
Inc)

Ricardo M. Sandalo
President, Human Ecology Institute of the Phils.
(HUMEIN)
Faculty, DCERP-CHE University of the Philippines Los
Baños

16:00- SHE Business meeting
17:00

Robert Dyball
President, Society for Human Ecology
Senior Lecturer, FSES, Australian National University

SEARCHA Auditorium

Ken Hill
Academic Dean, College of the Atlantic, Maine, USA
Executive Director, Society for Human Ecology

Open Forum and Awarding of Certificates

Conference Close and Announcement SHEXXIII

Iva Miranda Pires,
Univeristy of Lisbon, Portugal

17:00- 22:00	Post conference activity (with entrance fee and dinner excluded)	Fellowship and Relaxation at the Hot Springs of Los Baños	88 SPA Hot Spring
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