

EEPSEA ANNUAL MEETING 2023

Ho Chi Minh City, 27-28 October 2023

Saigon Prince Hotel

Charting a Transformative Path

Advancing Sustainable Futures in Southeast Asia

General Program

Day 1: Friday, 27 October 2023	
07:45-08:15	Registration
08:15-08:30	Opening remarks <i>Dr. Pham Khanh Nam – EEPSEA Partnership Director</i>
08:30-09:30	Keynote speech 1: Will you take my (s)crap? Waste havens in the global plastic waste trade <i>Prof. Dr. Ian Coxhead – Institute of Developing Economies</i> <u>Moderator:</u> Dr. Arief Anshory Yusuf
09:30-10:00	Break
10:00-12:00	Parallel sessions 1 <ul style="list-style-type: none">• Session 1A: Agricultural Practices and Climate Change Adaptation• Session 1B: Renewable Energy Adoption• Session 1C: Air Quality and Emission Management• Session 1D: Seed Grant Proposals (invited only)
12:00-13:30	Lunch
13:30-15:00	Parallel sessions 2 <ul style="list-style-type: none">• Session 2A: Environmental Management in Southeast Asia• Session 2B: Green Production and Consumption• Session 2C: Economic Analysis of Agricultural and Environmentally Sustainable Practices• Session 2D: Seed Grant Proposals (invited only)
15:00-15:30	Break
15:30-17:30	Parallel sessions 3 <ul style="list-style-type: none">• Session 3A: Climate Change Vulnerability Assessment• Session 3B: Adaptation to Climate Change• Session 3C: Fishery & Aquaculture Management under Climate Change• Session 3D: Natural Capital Accounting Network (invited only)
18:00-20:00	Gala dinner

Day 2: Saturday, 28 October 2023	
08:30-09:30	<p>Keynote speech 2: <i>Designing an innovation ecosystem with multi-stakeholder partnership for carbon sequestration in Southeast Asia</i></p> <p><i>Dr. Lesly Goh – World Bank Group Senior Technology Advisor, Board Member of Government Technology Agency of Singapore</i></p> <p><u>Moderator</u>: Dr. Pham Khanh Nam</p>
09:30-10:00	Break
10:00-12:00	<p>Parallel sessions 4</p> <ul style="list-style-type: none"> • Session 4A: Ecosystem Services: Economic Value & Public Preferences • Session 4B: Community Participation in Environmental Issues • Session 4C: Impacts of Economic Activities on Living Condition & Livelihood
12:00-13:30	Lunch
13:30-15:00	<p>World Café Discussion: Developing regional research agenda and capacity</p> <ul style="list-style-type: none"> • Research priority: Digital transformation and sustainability • Gender in environmental economics research • Institution development: Research capacity and policy impact
15:00-15:30	Break
15:30-16:00	<p>EEPSEA Partnership review and reflection: Lessons learnt and ways forward</p> <p><i>Executive Committee</i></p>
16:00-16:15	Closing remarks
17:00-19:00	Executive committee meeting



Academic Program

DAY 1: FRIDAY, 27 OCTOBER 2023



Parallel session 1 (10:00 – 12:00)

Session 1A: Agricultural Practices and Climate Change Adaptation		
Chair: Dr. Voravee Saengawut		
Author	Title	Discussant
Tualar Simarmata (Universitas Padjadjaran)	Enhancing Coastal Rice Farming Resilience and Empowering Farmers in Climate-Adaptive Practices with Eco-Friendly Organic Biofertilizers in Java, Indonesia	Benedict Mark Carmelita
Benedict Mark Carmelita (University of the Philippines Visayas)	Farming Household Adoption of Climate-Smart Agricultural Technologies: Evidence from North-Central Vietnam	Le Ha Thanh
Le Ha Thanh (National Economics University)	The Impact of an Adjusted Cropping Calendar on the Welfare of Rice Farming Households in the Mekong River Delta, Vietnam	Nopparuj Chindasombatcharoen
Nopparuj Chindasombatcharoen (University of Cambridge)	Temporary Financial Incentives for The Adoption of Sustainable Agricultural Practices: Impact of Liquidity Constraints	Tualar Simarmata

Session 1B: Renewable Energy Adoption		
Chair: Dr. Truong Dang Thuy		
Author	Title	Discussant
Ahmad Komarulzaman (Universitas Padjadjaran)	The Current Status and Future Prospects of Renewable Energy Certificates in Indonesia	Chiam Chooi Chea
Chiam Chooi Chea (Open University Malaysia)	Using Renewable Energy (RE) for Electricity Generation in West Malaysia for Sustainable Future	Rosalina Palanca-Tan
Rosalina Palanca-Tan (Ateneo de Manila University)	Metro Manila Households' Willingness to Pay for Renewable Energy as a Climate Change Mitigation Measure: A CVM Study	Siti Noradiah Amar
Siti Noradiah Amar (University of Malaysia Terengganu)	Are Manufacturing Sectors Ready for Green Energy to Achieve Sustainable Development Goals? An Application of the Choice Experiment Method	Ahmad Komarulzaman

Session 1C: Air Quality and Emission Management		
		Chair: Dr. Alice Joan G. Ferrer
Author	Author	Discussant
I Gede Nyoman Mindra Jaya (Universitas Padjadjaran)	High-Resolution Spatiotemporal Forecasting with Missing Observations by means of Gaussian Markov Random Fields with Application to Daily PM2.5 Concentrations in Jakarta Province, Indonesia	Tanyamat SrungBoonmee
Tanyamat SrungBoonmee (Khon Kaen University)	The Link between Agricultural Burning, PM 2.5, and Working Memory among Sugarcane Farmers in Khon Kaen, Thailand	Nguyen Thi Tuong Anh
Nguyen Thi Tuong Anh & Le Huyen Trang (Foreign Trade University)	Impact of Economic Growth, Innovation, Foreign Direct Investment, Afforestation on CO2 Emissions in Vietnam	Viktor Pirmana
Viktor Pirmana (Universitas Padjadjaran)	Between Breath and Growth: Unraveling Indonesia's GHG Emissions Spillover	I Gede Nyoman Mindra Jaya

Session 1D: Seed Grant Proposals (Invited Only)	
Chair: Dr. Pham Khanh Nam	
Sudarat Tuntivat (Srinakharinwirot University)	Eco-Innovation from Indigenous Knowledge for Creative Economy in Mekong River Basin
Tan Min Pau (Universiti Malaysia Terengganu)	Environmental and Anthropogenic Stressors: Establishing a Coral Reef Ecosystem-Based Sustainability Model for Selected Local Communities in the Coral Triangle
Moe Shwe Sin (Universiti Malaysia Terengganu)	Alternative Climate-Adaptive Marine Capture Fisheries Management Policies for Selected ASEAN Countries

Parallel session 2 (13:30 – 15:00)

Session 2A: Environmental Management in Southeast Asia		
		Chair: Dr. Gem B. Castillo
Author	Title	Discussant
Azlina Abd Aziz (Univeristi Malaysia Terengganu)	The Potential Role of Carbon Dioxide Removal (CDR) for Net Zero Emission in Malaysia	Chhinh Nyda
Chhinh Nyda (Royal University of Phnom Penh)	National Report of ASEAN Socio-Cultural Community (ASCC), Cambodia	Le Thanh Loan
Le Thanh Loan (UEH University)	Impact of Environmental Social Governance on Financial Performance: A Case Study of Southeast Asian Listed Companies	Nguyen Thi Thanh Huyen
Nguyen Thi Thanh Huyen (Foreign Trade University)	The impact of Environmental Management and Provincial Competitiveness Index on Foreign Direct Investment Attraction in Vietnamese Provinces: a Study in the Context of the Covid-19 Pandemic	Azlina Abd Aziz

Session 2B: Green Production and Consumption		
		Chair: Dr. Rawadee Jarungrattanapong
Author	Title	Discussant
Nattanicha Chairassamee & Kanokwan Chanchaoenchai (Kasetsart University)	Green Environment and Consumers' Purchase Intention of Electric Vehicles	Kyaw Zay Ya
Kyaw Zay Ya (National Cheng Kung University)	Effect of Framing Package Design on Green Product Consumption: A Scenario-Based Experimental Survey	Cing Khawl Nuam
Cing Khawl Nuam (Khon Kaen University)	Farmers' Willingness to Adopt Green Innovation on the Sugarcane Farms	Nattanicha Chairassamee

Session 2C: Economic Analysis of Agricultural and Environmentally Sustainable Practices		
Chair: Dr. Thun Vathana		
Author	Title	Discussant
Jintanee Ru-Zhue (Walailak University)	Cost-Benefit Analysis of Slope Stabilization Methods for Landslide Prevention: The Case Study of Surathani Province, Thailand.	Aaron Castillo
Aaron Castillo (University of the Philippines Los Banos)	Economic Analysis of Conservation Farming Technologies in General Nakar, Quezon Province	Krityanee Kittiphatphanit
Krityanee Kittiphatphanit (Khon Kaen University)	No Better If Not Trustworthy: The Unreliability in Farmers' Agricultural Method	Vathana Thun
Vathana Thun (Prek Leap National Institute of Agriculture)	Rural Development with Positive Environmental Effects: The Case of Cashew Trees in Cambodia	Jintanee Ru-Zhue

Session 2D: Seed Grant Proposals (Invited Only)	
Chair: Dr. Herminia A. Francisco	
Presenter	Title
Wan Adibah Binti Wan Mahari (Universiti Malaysia Terengganu)	Sustainable Resource Management of Mud Crabs in Southeast Asia: Conserving Biodiversity and Alleviating Poverty in Coastal Communities
Thidarat Bunsri (King Mongkut's University of Technology Thonburi)	Building Resilience and Adaptive Capacity of Water-Related Disasters under Climate Change in Southeast Asia through the Assessment of Economic Impact
Mark Buda (Universiti Putra Malaysia)	Economics of Innovation and Information Technology (IT) along the Aquaculture Chains to Support Climate Change Resilience and Poverty Reduction in Southeast Asia

Parallel session 3 (15:30 – 17:30)

Session 3A: Climate Change Vulnerability Assessment		
		Chair: Dr. Piyaluk Buddhawongsa
Author	Title	Discussant
Dao Duy Minh (Hue University of Economics)	Assessment of the Vulnerability of Women's and Men's Households to the Impacts of Climate-Related Natural Disasters in the Coastal Areas of Myanmar and Vietnam	Kanyaphak Ngaosri
Kanyaphak Ngaosri (Thailand Development Research Institute)	Factors that Affect Climate Risks Facing Children in Thailand	Lora Noreen Saubon Domingo
Lora Noreen Saubon Domingo (University of the Philippines Los Banos)	Assessing the Climate Change Vulnerability of Santo Nino, Butuan City: A Flood-Prone Community in the Philippines	Bouasone Sengsourivong
Bouasone Sengsourivong (National University of Laos)	Assessing the Impact of Climate Change on Rice Revenue and Productivity in Lao PDR	Dao Duy Minh

Session 3B: Adaptation to Climate Change		
		Chair: Dr. Bui Dung The
Author	Title	Discussant
Linn Htet Htet Kyaw (Beijing Forestry University)	Economics of Climate Change: Damage Assessment and Adaptation Options in Myanmar	Trang Thi My Duyen
Trang Thi My Duyen (An Giang University)	Assessments of the Adaptive Capacity of Farm Households to Salinity Intrusion: The Case of Kien Giang province of the Vietnam Mekong River Delta	Truong Quang Dung
Truong Quang Dung (Hue University of Economics)	Exploring Farmers' Willingness to Co-Finance Irrigation Water Services in the Mekong River Delta of Vietnam	Pham Thi Lam
Pham Thi Lam (East Asia University of Technology)	Impacts of Weather Extreme Events and Long-Run Climatic Variability on Household Migration Decision: Evidence in Rural Central Areas of Vietnam	Linn Htet Htet Kyaw

Session 3C: Fishery and Aquaculture Management under Climate Change**Chair: Dr. Jakrapan Suksawat**

Author	Title	Discussant
Quach Thi Khanh Ngoc (Nha Trang University)	Management of Vietnamese Small-scale Fisheries in the Context of Food Security and Poverty Eradication	Rosita Hamdan
Rosita Hamdan (Universiti Malaysia Sarawak)	Potential Climate Change Adaptation Strategies Options through the Aquaculture Farm Model Assessment in Sarawak	Nguyen Ngoc Duy
Nguyen Ngoc Duy (Nha Trang University)	Subsidies and a Case of Vietnam's Offshore Fisheries	Quach Thi Khanh Ngoc

Session 3D: Natural Capital Accounting SEA Network (invited only)**Chair: Dr. Herminia A. Francisco**

Academic Program

DAY 2: SATURDAY, 28 OCTOBER 2023



Parallel session 4 (10:00 – 12:00, 28 October 2023)

Session 4A: Ecosystem Services: Economic Value and Public Preferences		
Chair: Dr. Arief Anshory Yusuf		
Author	Title	Discussant
Rodelio Subade (University of the Philippines Visayas)	Economic Valuation of Ecosystem Services in Balatin River Sub-Watershed, Southern Philippines	Mohd Rusli Yacob
Mohd Rusli Yacob (Universiti Putra Malaysia)	Public Preferences for a Payment for Ecosystem Services Scheme to Conserve Forest: A Choice Experiment Approach	Phanith Chou
Phanith Chou (Royal University of Phnom Penh)	Economic Value of Carbon Storage and REDD+ in Virachey National Park	Muhammad Ridwansyah
Muhammad Ridwansyah (University of Jambi)	Quantifying the Economic Value of Traditional Agroforestry Tree Crops and the Ecosystem Services it Provides: A Study from Beringin Tinggi Village, Jambi, Indonesia	Rodelio Subade

Session 4B: Community Participation in Environmental Issues		
Chair: Dr. Awang Noor Abd. Ghani		
Author	Title	Discussant
Riri Kusumarani (Indonesia National Research and Innovation Agency)	The Rise of Grassroots Movement in Social Media for Ecological Crisis	Nguyen Mau Dung
Nguyen Mau Dung (Vietnam National University of Agriculture)	Local Participation in Agricultural Water Management in the Red River delta of Vietnam – A Case Study in Que Vo District, Bac Ninh Province	Keuangkham Sisengnam
Keuangkham Sisengnam (National University of Laos)	Willingness to Pay for Improved Wastewater Management in Vientiane Capital, Lao PDR	Roseliza Mat Alipiah
Roseliza Mat Alipiah (Universiti Malaysia Terengganu)	Livelihood Contribution and Economic Dependence on Nypa Provisioning Services in the Setiu Wetlands, Terengganu, Malaysia	Riri Kusumarani

Session 4C: Impacts of Economic Activities on Living Condition and Livelihood**Chair: Dr. Phumsith Mahasuweerachai**

Author	Title	Discussant
Rafika Maulia (Universitas Indonesia)	The Impact of Industrial Activity on Residential Water Source Choices	Khaysy Srithilat
Khaysy Srithilat (National University of Laos)	Food and Nutrition Security Vulnerability to the Don Sahong Hydropower Dam	Cherry Madriaga
Cherry Madriaga (National Graduate Institute for Policy Studies)	Living with Floods: Examining the Protection Motivation of MSMEs in Marikina City	Vu Bach Diep
Vu Bach Diep (Thai Nguyen University of Economics and Business Administration)	Impact of Urban Agriculture Development on Household Income in Thai Nguyen Province	Rafika Maulia