

**Conference Program**  
**The 1<sup>st</sup> International Conference ASEAN Sustainable Development**  
**(ICASD 2023)**  
**July 20-21, 2023**  
**Crystal Hotel, Hat Yai, Songkhla, Thailand**

**Thursday, 20 July 2023**

Time	Agenda			
08.30 - 09.00	Registration (Crystal Grand Hall)			
09.00 - 09.30	Opening Ceremony (Crystal Grand Hall) <ul style="list-style-type: none"> <li>• Welcoming by Assoc. Prof. Dr. Samak Kaewsuksaeng Vice President for Research and Innovation</li> </ul>			
	<ul style="list-style-type: none"> <li>• Reporting by Asst. Prof. Dr. Prasong Kessaratikoon Dean of Graduate School Acting Director of International College</li> </ul>			
	<ul style="list-style-type: none"> <li>• Opening by Assoc. Prof. Dr. Natthapong Chitniratna The President of Thaksin University</li> </ul>			
09.30 - 10.05	Keynote Speaker 1: <b>Dr. Pornthep Sritanatorn</b> Minister (Agriculture), Office of Agriculture Affairs, Royal Thai Embassy, Brussels, Belgium Topic: Challenges and Opportunities of Global Green New Deal for Sustainable Development			
10.05 - 10.40	Keynote Speaker 2: <b>Prof. Emeritus Dr. Lindsay Falvey</b> University of Melbourne, Australia Topic: Orienting National and International Research to the SDGs			
10.40 - 10.55	Morning Refreshment			
10.55 - 11.30	Keynote Speaker 3: (Online): <b>Prof. Dr. Ir. Peter Goethals</b> Faculty of Bioscience Engineering, Ghent University, Belgium Topic: Emerging Challenges and Opportunities for Blue Food in The Context of Sustainable Development			
11.30 - 12.05	Keynote Speaker 4: <b>Prof. Dr. Hidenari Yasui</b> The University of Kitakyushu, Japan Topic: Mathematical Modeling of Methanogens Reactions for VFA Recovery from Food Wastes			
12.05- 13.00	<b>Lunch</b>			
<b>Oral Presentation (Parallel Session)</b>				
13.00 -13.30	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center; border: 1px solid black;"><b>Sirirat Room</b></td> <td style="width: 33%; text-align: center; border: 1px solid black;"><b>Sorapong Room</b></td> <td style="width: 33%; text-align: center; border: 1px solid black;"><b>Crystal Grand Hall</b></td> </tr> </table>	<b>Sirirat Room</b>	<b>Sorapong Room</b>	<b>Crystal Grand Hall</b>
<b>Sirirat Room</b>	<b>Sorapong Room</b>	<b>Crystal Grand Hall</b>		

Time	Agenda		
	Session 1: Sustainable City and Communities	Session 3: Clean Water and Sustainable Aquatic Environments Session 4: Sustainable Land Use, Agriculture, and Climate Action	Session 5: Clean Energy and Industrial Innovation
	<b>Chairperson:</b> Asst. Prof. Dr. Kosin Teeparuksapun <b>Co-chair:</b> Assoc. Prof. Dr. Somkiat Saithanoo	<b>Chairperson:</b> Assoc. Prof. Prawit Kongjan <b>Co-chair:</b> Assoc. Prof. Dr. Sompong O-Thong	<b>Chairperson:</b> Assoc. Prof. Dr. Jompob Waewsak <b>Co-chair:</b> Prof. Dr. Yves Gagnon
	<b>Invited speaker:</b> Asst. Prof. Dr. Kosin Teeparuksapun <b>Title:</b> Empowering Communities for Sustainable Development through Appropriate Technology	<b>Invited Speaker:</b> Assoc. Prof. Dr. Sompong O-Thong <b>Title:</b> Waste to Energy: Unlocking the Potential of Bioenergy and Waste Utilization in ASEAN's Sustainable Development	<b>Invited Speaker:</b> Assoc. Prof. Dr. Jompob Waewsak <b>Title:</b> Powering the Future: Unlocking the Potential of Renewable and Wind Energy in ASEAN's Sustainable Development
13.30 - 16.30	8 presenters	12 presenters	12 presenters
16.15 - 17.30	<b>Poster Session at Prayakkan Room (31 presenters)</b>		

**Friday 21 July 2023**

Time	Agenda	
08.30 - 09.00	<b>Registration</b>	
09.00 - 09.30	<b>Janapa Room</b>	<b>Sirirat Room</b>
	Session 2: Sustainable Economic and Responsible Consumption Session 8: Build the Partnership	Session 6: Lifelong Learning Session 7: Good Health
	<b>Chairperson:</b> Prof. Dr. Amy Yeo Chu may <b>Co-chair:</b> Dr. Pinit Duangjinda	<b>Chairperson:</b> Prof. Dr. Saw Htay Myint <b>Co-chair:</b> Asst. Prof. Dr. Noppakao Na Patthalung
	<b>Invited speaker:</b> Prof. Dr. Amy Yeo Chu May <b>Title:</b> Exploring the ESG-Based Sustainability in Emerging Markets	<b>Invited Speaker:</b> Prof. Dr. Saw Htay Myint <b>Title:</b> Ensure Good Health Promotes Healthy Lifestyles, Preventive Measures and Modern, Efficient Healthcare for Everyone
09.30 - 12.00	6 Presenters	9 Presenters
12.00	<b>Lunch</b>	
	<b>Sorapong Room</b>	<b>Janapa Room</b>
	<b>Elsevier Workshop</b>	<b>Collaboration Session</b>
13.00 – 15.00	<b>Prof. Dr. Yves Gagnon</b> Editor, Woodhead Series in Bioenergy, Elsevier Editor, Wind Energy Engineering Book Series, Elsevier <b>Peter Lewis</b> Associate Publisher for Clean Energy and Technology, Elsevier  <b>Topic:</b> How to Get Published in a Scholarly Journal: Tips from an Elsevier Editor	Collaboration Activities Discussion with Co-host
15.00	Closing ceremony and prize awards at Crystal Grand Hall	

**SCIENTIFIC PROGRAM**

<b>ORAL PRESENTATION</b>		
<b>July 20, 2023</b>	<b>Sirirat Room</b>	<b>Session 1: Sustainable City and Communities</b>
<b>Chairperson:</b> Asst. Prof. Dr. Kosin Teeparuksapun		
<b>Co-chair:</b> Assoc. Prof. Dr. Somkiat Saithanoo		
13.00-13.30	Invited speaker	<b>Asst. Prof. Dr. Kosin Teeparuksapun – University of Technology Srivijaya, Thailand</b> Empowering Communities for Sustainable Development through Appropriate Technology
13.30-13.45	ID 142	<b>Duangden Boonpok – Srinakharinwirot University, Thailand</b> Memory about Refugee Camps among Local People in the Thai-Cambodian Border of Sa Kaeo and Chanthaburi Provinces and Guidelines for Life and Community Development
13.45-14.00	ID 143	<b>Duangden Boonpok – Srinakharinwirot University, Thailand</b> A Study of Khmer Ancient Folktales as a Guideline for Local Development in the Northeastern Thailand: A Case of Nakhon Ratchasima and Buriram
14.00-14.15	ID 153	<b>Wasan Kanchanamukda – Thaksin University, Thailand</b> A Study of the Problems in Household Accounting Preparation of Ban Chalae Community, Chalae Sub-District, Singhanakhon District, Songkhla Province
14.15-14.30	ID 162	<b>Moch. Fakhrol Rois - Universitas Nahdlatul Ulama Yogyakarta, Indonesia</b> Analysis of the Utilization of Solar Power Plant Renewable Energy in Yogyakarta
14.30-14.45	ID 192	<b>Yumarlin MZ - Universitas Janabadra, Indonesia</b> Implementation of the Certainty Factor Method in Expert Systems for the Identification of Cybercrime Based on Indonesian Law No. 11 of 2008 Concerning Electronic Information and Transactions
14.45-15.00	ID 168	<b>Jeffry Andhika Putra - Universitas Janabadra, Indonesia</b> Design and Implementation of Tourism Object Visualization System (Case: Special Region Province of Yogyakarta)
15.00-15.15	ID 169	<b>Jeffry Andhika Putra - Universitas Janabadra, Indonesia</b> Implementation of Internet Service Diagnostic System Using Certainty Factor Method and Case-Based Reasoning (Case: PT. Fiber Networks Indonesia)
15.15-15.30	ID 186	<b>Feri Febria Laksana - Universitas Nahdlatul Ulama Yogyakarta, Indonesia</b> Developing the National Waste Management Information System with Big Data Technology and Prototyping Methods

## SCIENTIFIC PROGRAM

ORAL PRESENTATION		
July 20, 2023	Sorapong room	Session 3: Clean Water and Sustainable Aquatic Environments Session 4: Sustainable Land Use, Agriculture, and Climate Action
<b>Chairperson:</b> Assoc. Prof. Dr. Prawit Kongjan		
<b>Co-chair:</b> Assoc. Prof. Dr. Sompong O-Thong		
13.00-13.30	Invited speaker	<b>Assoc. Prof. Dr. Sompong O-Thong – Thaksin University, Thailand</b> Title: Waste to Energy: Unlocking the Potential of Bioenergy and Waste Utilization in ASEAN's Sustainable Development
13.30-13.45	ID 170	<b>Sunipa Chankaew - Prince of Songkla University, Thailand</b> Isolation and Nitrogen Removal Efficiency of Halophilic Heterotrophic Nitrifying Bacteria, <i>Alcaligenes</i> Strains SRNB23 And SRNB35
13.45-14.00	ID 081	<b>Ratchadaporn Kueasook - Central South University, China</b> Synthesis of Sugarcane Bagasse Ground-Based Microporous Carbon Using KOH as an Activation Agent for CO <sub>2</sub> Adsorption
14.00-14.15	ID 093	<b>Kanyapatch Prommuak – Sciuss School, Thaksin University, Thailand</b> Utilization of Waste Sago Fibers by Nanocellulose Production
14.15-14.30	ID 149	<b>Chairat Burana - Panyapiwat Institute of Management, Thailand</b> Effect of Pre-Cooling, Pulsed High CO <sub>2</sub> on Vase Life and Inhibition of Ethylene Action in Carnation ( <i>Dianthus caryophyllus</i> L.)
14.30-14.45	ID 165	<b>Nur Ayu Diana - Universitas Janabadra, Indonesia</b> Stabilization of Sandy Soil with Rice Husk Ash and Gypsum to Improve Physical and Mechanical Properties
14.45-15.00	ID 212	<b>Noor Azrini Umor - Universiti Teknologi MARA, Kuala Pilah, Malaysia</b> Utilization of Spent Mushroom Compost (SMC) From <i>Volvariella Volvacea</i> Cultivation as a Plant Substrate for <i>Capsicum Annuum</i>
15.00-15.15	ID 217	<b>Nurul Syakirah Nor Affendi - Universiti Teknologi MARA, Kuala Pilah, Malaysia</b> The Composition of <i>Onthophagus</i> sp. (Coleoptera: Scarabaeidae) in UiTM Cawangan Negeri Sembilan Forest and Kg. Beting Rubber Plantation, Negeri Sembilan
15.15-15.30	ID 214	<b>Muhammad Hafizhullah Anuar - Universiti Teknologi MARA, Kuala Pilah, Malaysia</b> Isolation and Identification of Coliphage from Untreated Wastewater in Kuala Pilah Negeri Sembilan
15.30-15.45	ID 215	<b>Nur Athirah Fathiah Jeffry - Universiti Teknologi MARA, Kuala Pilah, Malaysia</b> Multilocus Sequence Typing of Isolated <i>Bacillus cereus sensu lato</i> From Dried Herbs Purchased from Local Market in Negeri Sembilan, Malaysia
15.30-16.00	ID 216	<b>Awadah Zafirah binti Ramlee - Universiti Teknologi MARA, Kuala Pilah, Malaysia</b> Multilocus Sequence Typing of Isolated <i>Bacillus cereus sensu lato</i> from Tomato Purchased from Local Market in Malaysia
16.00-16.15	ID 179	<b>Akkarasiri Sangsawang - Kasetsart University, Thailand</b> Enhancing the Efficiency of Feminization in Snakeskin Gourami ( <i>Trichopodus pectoralis</i> , Regan 1910)
16.15-16.30	ID 205	<b>Nursahira Usoh – Thaksin University, Thailand</b> Bacterial Isolation for Efficient to 2,3-Butanediol Production from Glycerol Waste Discharged from Bio-Diesel Processing

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<b>ORAL PRESENTATION</b>		
<b>July 20, 2023</b>	<b>Crystal Grand Hall</b>	<b>Session 5: Clean Energy and Industrial Innovation</b>
<b>Chairperson:</b> Assoc Prof. Dr. Jompob Waewsak		
<b>Co-chair:</b> Prof. Dr. Yves Gagnon		
13.00-13.30	Invited speaker	<b>Assoc Prof. Dr. Jompob Waewsak - Thaksin University, Thailand</b> Powering the Future: Unlocking the Potential of Renewable and Wind Energy in ASEAN Sustainable Development
13.30-13.45	ID 154	<b>Miftahul Iman - Universitas Janabadra, Indonesia</b> Warren Type Steel Bar Stiffeners Effect on Lip Channel Purlins Strength and Buckling Capacity
13.45-14.00	ID 157	<b>Fareeda Wongdaeng - Prince of Songkla University, Thailand</b> Pyrolysis of Latex Sediment from Concentrated Latex Industry and Properties of Pyrolytic Products
14.00-14.15	ID 160	<b>Chaiwat Jumpholkul - Thaksin University, Thailand</b> Preparation and Characterization of Green Synthesis Nanofluid Using Mangosteen Peel Extract
14.15-14.30	ID 166	<b>Pongsak Noparat - Suratthani Rajabhat University, Thailand</b> Optimization of Fermentative Hydrogen Production from Oil Palm Trunk Hydrolysate by <i>Clostridium beijerinckii</i> PS-3
14.30-14.45	ID 167	<b>Andrian Permana - Universitas Janabadra, Indonesia</b> Effect of Pin Geometry on Tensile Strength and Fatigue Crack Growth Rate of Dissimilar FSW Joints of AA5083-H112/AA6061-T6 Aluminum Alloys
14.45-15.00	ID 173	<b>Jiraporn Paoaiang - Prince of Songkla University, Thailand</b> The Removal of Hydrogen Sulfide (H <sub>2</sub> S) from Biogas by Water Absorption Combined with Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )
15.00-15.15	ID 174	<b>Muhamad Nasruddin Manaf - Universitas Nahdlatul Ulama Yogyakarta, Indonesia</b> The Possible Values of Lattice Constant of Silicene Growth on Substrate: Density Functional Calculations
15.15-15.30	ID 187	<b>Mochamad Syamsiro – Universitas Janabadra, Indonesia</b> Production of Refused Derived Fuel from Food Waste Employing Hydrothermal Treatment
15.30-15.45	ID 188	<b>Mochamad Syamsiro - Universitas Janabadra, Indonesia</b> Upgrading the Quality of Wood Pellet by Using Microwave Torrefaction: Effect of Temperature and Residence Time
15.45-16.00	ID 224	<b>Kanyawat Tipsong - Sciuss School, Thaksin University, Thailand</b> Advancements in Electrocatalyst Development for Xylitol Fuel Cell Applications
16.00-16.15	ID 225	<b>Jetsada Tawantum – Prince of Songkhla University, Thailand</b> Towards Sustainable Waste Management: Innovating High-Solid Two-Stage Anaerobic Digestion for Biohythane Production in Centralized Biowaste Strategies
16.00-16.30	ID 155	<b>Fitriansyah - Universitas Achmad Yani Banjarmasin, Indonesia</b> The Material Comparison for Flood Gate Strengthness and Durability Consideration

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<b>ORAL PRESENTATION</b>		
<b>July 21, 2023</b>	<b>Janapa Room</b>	<b>Session 2: Sustainable Economic and Responsible Consumption Session 8: Build the Partnership</b>
<b>Chairperson:</b> Prof. Dr. Amy Yeo		
<b>Co-chair:</b> Dr. Pinit Duangjinda		
09.00-09.30	Invited speaker	<b>Prof. Dr. Amy Yeo - Tunku Abdul Rahman University of Management and Technology, Malaysia</b> Exploring The ESG-Based Sustainability in Emerging Markets
09.30-09.45	ID 156	<b>Nurna Pratiwi - Nahdlatul Ulama University of Yogyakarta, Indonesia</b> Implementation of Circular Economy in Waste Management: Waste Management Study of KUPAS Panggunharjo
09.45-10.00	ID 201	<b>Yeo Chu-May Amy - Tunku Abdul Rahman University of Management and Technology, Malaysia</b> Attaining Firm's Technological Sustainability Development through Transformational Leadership: The Mediating Effect of Employee Innovation and Engagement
10.00-10.15	ID 202	<b>Chia-Yien Lim - Tunku Abdul Rahman University of Management and Technology, Malaysia</b> The Sustainability of St. Louis Model and Post Keynesian Theory in ASEAN-5
10.15-10.30	ID 204	<b>Kit Teng Phuah - Tunku Abdul Rahman University of Management and Technology, Malaysia</b> They're Healthy, They're Sustainable Alternative Food Sources. Why don't Malaysians and Indonesians Eat More Bugs?
10.30-10.45	ID 219	<b>Elishia Loo - Tunku Abdul Rahman University of Management and Technology, Malaysia</b> Factors Influencing Organisational Performance for Logistics Start-up Enterprises in Malaysia
10.45-11.00	ID 203	<b>Khoong Tai Wai - Tunku Abdul Rahman University of Management and Technology, Malaysia</b> Financial Inclusion Sustainability Pension System: A Policy Review of Malaysia and Thailand

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<b>ORAL PRESENTATION</b>		
<b>July 21, 2023</b>	<b>Sirirat Room</b>	<b>Session 6: Lifelong Learning Session 7: Good Health</b>
<b>Chairperson:</b> Prof. Dr. Saw Htay Myint		
<b>Co-chair:</b> Assist. Prof. Dr. Noppakao Na Patthalung		
09.00-09.30	Invited speaker	<b>Prof. Dr. Saw Htay Myint - Myanmar Creative University, Myanmar</b> Ensure Good Health Promotes Healthy Lifestyles, Preventive Measures, and Modern, Efficient Healthcare for Everyone
09.30-09.45	ID 164	<b>Dwijoko Purbohadi - Universitas Muhammadiyah Yogyakarta, Indonesia</b> Anticipating the Impacts of Video Game Play: Designing a Child-Friendly E-Learning System for Artificial Intelligence Education in Indonesia
09.45-10.00	ID 082	<b>Siwaporn Sukittanon - Chiangmai University, Thailand</b> Needs Assessment and Communication Context in the Health Communication Project Supporting Intermediate Care Service
10.00-10.15	ID 171	<b>Fadmi Rina - Universitas Nahdlatul Ulama Yogyakarta, Indonesia</b> Designing a Guideline of Serious Game in Learning to Write for Deaf Children with MDA Framework
10.15-10.30	ID 199	<b>Nur Azmi Ainul Bashir - Universitas Nahdlatul Ulama Yogyakarta, Indonesia</b> Prediction of Timely Graduation of Students Using Naive Bayes Classification and K-Nearest Neighbor
10.30-10.45	ID 158	<b>Novi Diah Wulandari - Universitas Nahdlatul Ulama Yogyakarta, Indonesia</b> How Speech-to-Text Technology Can Enhance Patient Experience and Hospital Service Quality: A Case Study of Indonesian Conversations
10.45-11.00	ID 172	<b>Syauqie Muhammad Marier - Universitas Nahdlatul Ulama Yogyakarta, Indonesia</b> Towards Sustainable Development: Designing a Stunting Monitoring System in Gunung Kidul for Good Health and Well-being: Opportunities and Challenges
11.00-11.15	ID 178	<b>Arya Marganda Simanjuntak - Universitas Riau, Indonesia</b> Lung and Airway Disease Caused by E-Cigarette (Vape): A Systematic Review
11.15-11.30	ID 218	<b>Siti Aishah Mohd Nor - Universiti Teknologi MARA, Kuala Pilah, Malaysia</b> Prevalence of Bacteriological Contamination of Filtered Drinking Water from Two Types of Water Filtration Machines
11.30-11.45	ID 190	<b>Jutarat Songsuwan - Paphayompittayakom School, Thailand</b> Enhancing Insulin Injection Practice with Abdominal Rubber Pad



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<b>POSTER PRESENTATION</b>		
<b>20 July, 2023</b>	<b>Prakaykan Room</b>	<b>Session 1: Sustainable City and Communities</b>
<b>Chairperson:</b> Asst. Prof. Dr. Kosin Teeeparuksapun		
<b>Co-chair:</b> Assoc. Prof. Dr. Somkiat Saithanoo		
16.15-16.20	ID 176	<b>Supraanee Wunsri - University of Technology Srivijaya, Thailand</b> Development of Energy-Efficient Biomass Stove for Roasted Pork Production of Pa Yang Roasted Pork Community Enterprise, Trang Province
16.20-16.25	ID 198	<b>Saw Htay Myint - Myanmar Creative University, Myanmar</b> The Opportunities and Challenges of Vocational Training (Case Study: Naypyitaw)
16.25-16.30	ID 206	<b>Saw Htay Myint - Myanmar Creative University, Myanmar</b> Teachers Performance: The Role of Training Input Factors and Transfer of Training in Monywa, Myanmar
16.30-16.35	ID 207	<b>Saw Htay Myint - Myanmar Creative University, Myanmar</b> Psychological Empowerment and Employee Performance at Bagan Hotel River View in Bagan, Myanmar
16.35-16.40	ID 209	<b>Rola Pola Anto - Lakidende University, Indonesia</b> Government Strategy in Overcoming Poverty in Kendari City, Southeast Sulawesi Province, Indonesia

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<b>POSTER PRESENTATION</b>		
<b>20 July 2023</b>	<b>Prakaykan Room</b>	<b>Session 3: Clean Water and Sustainable Aquatic Environments Session 4: Sustainable Land Use, Agriculture, and Climate Action</b>
<b>Chairperson:</b> Assoc. Prof. Dr. Prawit Kongjan		
<b>Co-chair:</b> Assoc. Prof. Dr. Sompong O-Thong		
16.15-16.20	ID 021	<b>Dhandheera Paritporndheera - Montfort College, Thailand</b> Acid Dye Removal from Wastewater by Using Rice Husk Ash Functionalized with Organic Amine Groups as Adsorbent
16.20-16.25	ID 163	<b>Yutthapong Sangnoi - Prince of Songkla University, Thailand</b> <i>Bacillus oceanisediminis</i> Ba9 Isolated from Seabass Cage Culture with High Potential Use for Saline Wastewater Treatment
16.25-16.30	ID 226	<b>Jetsada Tawantum - Bio4gas Company Limited, Thailand</b> Microbial Dynamics and Traditional Fermentation Process in Natural Dyeing: A Case Study of PASAGU, Phatthalung, Thailand
16.30-16.35	ID 041	<b>Pisit Poolprasert - Pibulsongkram Rajabhat University, Thailand</b> Ant Diversity in Different Land Use Types in Phitsanulok Province
16.35-16.40	ID 099	<b>Uraivan Phetkul - Rajamangala University of Technology Srivijaya, Thailand</b> Chemical Constituents from <i>Citrus Grandis</i> Linn. and Their Biological Activities
16.40-16.45	ID 111	<b>Wankuson Chanasit - Thaksin University, Thailand</b> Sustainable Biosynthesis of Poly (3-hydroxybutyrate-co- 3-hydroxyvalerate) from Pineapple Peel Waste
16.45-16.50	ID 159	<b>Wanphen Buakong – Thaksin University, Thailand</b> Comparative Analysis of Rubber Intercropping Model for Sustainable Rubber Production: A Case Study in Phatthalung Province, Thailand
16.50-16.55	ID 197	<b>Saw Htay Myint - Myanmar Creative University, Myanmar</b> Examining the Nexus between Climate Change and Economic Growth in ASEAN Countries: Implications for Sustainable Development Goals
16.55-17.00	ID 200	<b>Muhamad Adib Najmi Ja'afar - Universiti Teknologi MARA, Malaysia</b> Agro-Morphological Analysis of Ion-Beam Mutant Lines of Rice ( <i>Oryza sativa</i> L.) for Drought Tolerance Under the Reproductive Stage
17.00-17.05	ID 213	<b>Wattananarong Markphan - Nakhon Si Thammarat Rajabhat University, Thailand</b> Enhancing Solid-State Anaerobic Digestion of Municipal Solid Waste by Adding Green Waste: Evaluating Methanogenic and Energy Recovery Efficiency
17.05-17.10	ID 221	<b>Chonticha Leamdum – Thaksin University, Thailand</b> Promoting Climate-Neutral Rice Production: Methanotroph-Augmented Approach to Reduce GHG Emissions in Paddy Fields
17.10-17.15	ID 223	<b>Piya Khuadkaew – Thaksin University, Thailand</b> Ozone Treatment of Shrimp Farming Wastewater: Pathogen Inactivation, Water Reuse, and Evaluation of Remaining Toxicity

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<b>POSTER PRESENTATION</b>		
<b>20 July 2023</b>	<b>Prakaykan Room</b>	<b>Session 5: Clean Energy and Industrial Innovation</b>
<b>Chairperson:</b> Assoc Prof. Dr. Jompob Waewsak		
<b>Co-chair:</b> Prof. Dr. Yves Gagnon		
16.15-16.20	ID 023	<b>Kanathip Thambancha - Montfort College, Thailand</b> Sulfonic Acid Functionalized Rice Husk Ash as Catalyst for Esterification of Palm Fatty Acid Distillate
16.20-16.25	ID 177	<b>Noppadon Podkumnerd - Rajamangala University of Technology Srivijaya, Thailand</b> Development of a Plug Flow Biogas Production System for Waste Management in Small Chicken Farms
16.25-16.30	ID 180	<b>Saowapa Chotisuwana - Prince of Songkla University, Thailand</b> Physical Property and Water Absorption Capacity of Paper Coated with Hydroxyapatite Composite Film
16.30-16.35	ID 210	<b>Salute Sansook - Chulalongkorn University, Thailand</b> Direct Regeneration to Prepare Lithium Iron Phosphate Cathode Material from Spent LiFePO <sub>4</sub> Batteries via Sol-gel Method
16.35-16.40	ID 220	<b>Sukonlarat Chanthong - Prince of Songkla University, Thailand</b> Enhancing Biodegradability of Empty Fruit Bunches through Hydrothermal Pretreatment for Biogas Production: Structural and Chemical Transformations
16.40-16.45	ID 222	<b>Edy Kurniawan - Thaksin University, Thailand</b> Isolation and Characterization of <i>Clostridium</i> MINH: A High Caproic Acid Producing and Tolerant Strain for Sustainable Bio-based Production

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<b>POSTER PRESENTATION</b>		
<b>20 July 2023</b>	<b>Prakaykan Room</b>	<b>Session 2: Sustainable Economic and Responsible Consumption Session 8: Build the Partnership</b>
<b>Chairperson:</b> Prof. Dr. Amy Yeo <b>Co-chair:</b> Dr. Pinit Duangjinda		
16.15-16.20	ID 208	<b>Saw Htay Myint - Myanmar Creative University, Myanmar</b> The Effect of Perceived Risk, Perceived Value and Repurchase Intention of Online Shopping

<b>POSTER PRESENTATION</b>		
<b>20 July 2023</b>	<b>Prakaykan Room</b>	<b>Session 6: Lifelong Learning Session 7: Good Health</b>
<b>Chairperson:</b> Prof. Dr. Saw Htay Myint <b>Co-chair:</b> Assist. Prof. Dr. Noppakao Na Patthalung		
16.25-16.30	ID 114	<b>Benyapa Kalasee - Prince of Songkla University, Thailand</b> Phytochemicals, Antioxidant, and Antibacterial Activities of Fresh and Dried Chinese Chive ( <i>Allium Tuberosum</i> Rottler) Leaf Extracts
16.30-16.35	ID 125	<b>Weeraya Khummueng - Prince of Songkla University, Thailand</b> Determination of Phytochemicals, Antibacterial Activity, and Beads of <i>Centella asiatica</i> (Linn.) Urban Juice using Spherification Technique
16.35-16.40	ID 140	<b>Onjira Jumlongpim - Thammasat University, Thailand</b> FGF-10 and FGF-21 Mediated Inflammation through LDLR in Psoriasis Plaques
16.40-16.45	ID 151	<b>Chaisit Niyasom – Thaksin University, Thailand</b> Prevalence and Antimicrobial Resistance of <i>Salmonella</i> spp., <i>Salmonella</i> Enteritidis, and <i>Salmonella</i> Typhimurium in Raw Chicken Meat Distributed in Phatthalung, Thailand
16.45-16.50	ID 152	<b>Risdiyanto Risdiyanto – Universitas Janabadra, Indonesia</b> How Does Online Shopping Affect the Movement of People to Shop Towards the Store?
16.50-16.55	ID 161	<b>Chaisit Niyasom – Thaksin University, Indonesia</b> Antimicrobial Resistance and Virulence Factors of <i>Pseudomonas aeruginosa</i> Isolated from Slaughterhouses in Phatthalung, Thailand
16.55-17.00	ID 196	<b>Saw Htay Myint – Myanmar Creative University, Myanmar</b> Knowledge and Adoption to Reduce Risks during Period of Living with Coronavirus in Myanmar