Officiated by

YAB Dato' Haji Osman Haji Sapian

Menteri Besar Johor

in conjunction with the

Launch of Johor Bahru Low Carbon Society Action Plan 2025

DAY 1 24th October 2018, Wednesday Venue: Holiday Villa Hotel, Johor Bahru	
8:00-9.00 am	***Registration*** *(Foyer, Level 7)*
Venue : Crystal Hall *(Level 7)*	
9.00-9.10 am	***Speech by ICLCA Chair*** Prof. Dr. Ho Chin Siong, Director, Low Carbon Asia Research Centre, Universiti Teknologi Malaysia, Malaysia
9:10-9:30 am	***Plenary 1: 'Environmental Sustainability in Iskandar Malaysia'*** Datuk Ismail Ibrahim, Chief Executive, Iskandar Regional Development Authority (IRDA), Malaysia
9:30-9:50 am	***Plenary 2: 'Leading the 2030 Agenda for Sustainable Development Goals (The SDGs)'*** Prof. Dr. Kazuhiko Takemoto, Director, United Nations University Institute for the Advanced Study of Sustainability, Japan
9:50-10:10 am	***Plenary 3: 'Energy Initiative to Develop Sustainable Energy in ASEAN'*** Dr. Sanjayan Velautham, Executive Director, ASEAN Centre for Energy, Indonesia
10:10-10:30 am	***Plenary 4: 'Stabilising Asia Climate'*** Dr. Junichi Fujino, Programme Director, City Taskforce, Institute for Global Environmental Strategies (IGES), Japan
10:30-11:00 am	**Tea Break** *(Foyer, Level 7)*
11:00-12:30 pm	***City Mayor Forum: Transformation towards Smart, Resilient & Sustainable Communities*** ***Moderators:*** *Prof. Dr. Ho Chin Siong, Malaysia & Dr. Junichi Fujino, Japan* ***Panelists:*** 1. *Tuan Hj. Amran A.Rahman, City Mayor Johor Bahru, Malaysia* 2. *Mr. Kittisak Kanasawat, City Mayor Maha Sarakham, Thailand* 3. *Mr. Nguyen Minh Muoi, Deputy Director, Departments of Natural Resources and the Environment (DONRE), Vietnam* 4. *Mr. Do Quang Hung, Hai Phong People Committee, Deputy Director of Dinh Vu Industrial Zone Hai Phong, Vietnam* 5. *Datuk Hj. Mahadi Che Ngah, Executive Director (Planning), Kuala Lumpur City Council, Malaysia* 6. *Dato' Omairi Hashim, Senior Vice President, Putrajaya Corporation, Malaysia* 7. *Mr. Stanley Chong Hon Chung, City Planning Director, Kota Kinabalu City Council, Malaysia*
12:30-2:00 pm	**Lunch Break / Networking** *(Fern Pine Café)*
Venue : Crystal Hall *(Level 7)*	
2:00-2:20 pm	Lagu Bangsa Johor, Negaraku, Du'a Recitation ***Welcoming Remarks*** 1. Prof. Ir. Dr. Wahid Omar, Vice Chancellor, Universiti Teknologi Malaysia 2. Tuan Hj. Amran A.Rahman, City Mayor Johor Bahru, Malaysia

2:20-2:40 pm	***Official Opening Remark & Launch of Johor Bahru Low Carbon Society Action Plan 2025 (Revision)*** YAB Dato' Haji Osman Haji Sapian, Menteri Besar Johor, Malaysia				
2:40-3:00 pm	***Special Session: Publishing on Sustainability with Elsevier*** *Dr. Lan Song, Associate Publisher and Publisher of JCLEPRO, Environmental Science and Technology, Elsevier, The Netherlands*				
3:00-3:30 pm	**Tea Break** *(Foyer, Level 7)*				
Parallel Session *(Diamond 1-5, Level 10)*					
	Cleaner Production ***(Diamond 1, Level 10)*** *Chair: Minh-Vien Le* *Co-Chair: Mazura Jusoh*	***Urban Planning & Smart Cities*** ***(Diamond 2, Level 10)*** *Chair: Boyd Dionysius Joeman* *Co-Chair: Nor Alafiza Yunus*	***Sustainable Waste and Pollution Minimization*** ***(Diamond 3, Level 10)*** *Chair: Wahidul Biswas* *Co-Chair: Yee Van Fan*	***Smart & Sustainable Energy Systems*** ***(Diamond 4, Level 10)*** *Chair: Mohd Fauzi bin Ismail* *Co-Chair: Abdoulmohammad Gholamzadeh Chofreh*	**Sustainable Technology** ***(Diamond 5, Level 10)*** *Chair:* Zhi-Yong Liu Co-Chair: Nor Ruwaida Jamian
3:30-3:45 pm	**EESA-53 : Minh-Vien Le(Keynote)** Removal of β-naphthol in Water via Photocatalytic Degradation over N-TiO2/SiO2 Nanocomposite under Simulated Solar Light Irradiation	**Iskandar Puteri City Council** Low-carbon Society Action Plan	**SSWM-147 : Wahidul Biswas (Keynote)** Sustainability Assessment of Treated Bore Water and Wastewater for Use in a Residential Compound in Doha	**Mohd Fauzi bin Ismail, SIRIM Berhad (Keynote)** Solar Thermal Technology: Unlocking Potential Energy Efficient in the Industrial Sector	**EESA-208 : Tran Thanh Tu** Applying the Demographic Assessment for the Environmental Evaluation In Vietnam
3:45-4:00 pm	**SCP-113 : Kang Yao Wong** A Full Factorial Analysis on One-Way Transient Transesterification Interactions Affecting Palm Biodiesel for Batch Reactor	**Kulai Municipal Council** Low-carbon Society Action Plan	**SSWM-16 : Yee Van Fan** GHG Emissions of Incineration and Anaerobic Digestion: Electricity Mix	**IICT-152 : Abdoulmohammad Gholamzadeh Chofreh** Evaluation of the Guidelines for Implementing Sustainable Enterprise Resource Planning Systems	**SSES-126 : Hashim Abdullahi** Contribution of Housing Sector towards Low Carbon Society Development : Literature Synthesis
4:00-4:15 pm	**SSES-204 : Leong Chin Yee** Optimization of Concentrating Process using Rotary Vacuum Evaporation for Pineapple Juice	**Pasir Gudang Municipal Council** Low-carbon Society Action Plan	**EESA-166 : Xuechao Wang** An Overview of Pollution Terrain Nexus	**SSES-242 : Norshafika Yahya** Heat Transfer Analysis on Progressive Freeze Concentration of Aqueous Lysozyme Solution	**EESA-60 : Athran Zuhail Abdul Rahman** Environmental Sustainability Assessment of Palm Lignocellulosic Biomass Pretreatment Methods
4:15-4:30 pm	**SCP-216 : Nur Nazlina Saimon** Characterization and Optimization Of Microwave-Assisted Sulfonated Glucose Catalyst For Esterification of Palm Fatty Acid Distillate To Biodiesel	**GPGP-190 : Boyd Dionysius Joeman** The LCS Project Iskandar Malaysia: Challenges and Opportunities in the implementation of the Low Carbon Society Blueprint in a Rapidly Growing Metropolis.	**EESA-255 : Syaza Izyanni Ahmad** Inherent Safety Assessment of Solvent Alternatives for Palm Oil Recovery	**SSES-238 : Nadzirah binti Azmi** Techno-economic Analysis of Biogenset and Hybrid Solar-Diesel-Battery for Rural Electrification	**GPGP-24 : Thanikasalam Kumar** Distillation Curves Analysis to Evaluate the Operational Parameters of 100Low Lead (100LL) Aviation Gasoline

4:30-4:45 pm	**SPC-90 : Muhammad Fakhrul Islam Zahran** Controllability and Performance Analysis of Ternary Aromatic Distillation Columns Sequence	**UPSC-203 : Muhammad Akmal Hakim Hishammuddin** Energy Demand and GHG Emissions by 2030: A Scenario Analysis Using Extended Snapshot Tool towards Sustainable Low Carbon Development in Pengerang	**SSWM-206 : Hayatu Umar Sidik** Kinetic Equilibrium and Isotherm Modelling Adsorbed Methane Assessment on Synthesized polyetheretherketone (PEEK)-Porous Sorbent Carbon of Coconut Shell Kernel	**SSES-201 : Ting Sing Tung** Effect of Hydrogen Addition on the Swirl Stability Limits and Spectroscopic Characteristics of Biogas Flames	**SSWM-124 : Liu Chuan** Design of Sewage Treatment Plants in High-density Urban Reclaimed Land
4:45-5:00 pm	**SPC-10 : Santhoshini d/o Somderam** Characterization of NaA Zeolite Made from Malaysian Kaolin	**UPSC-218 : Gabriel Ling Hoh Teck** Towards Sustainable Communities: Ostromian Collective Action in Neighbourhood Public Open Space	**SSWM-139 : Olapeju Olasunkanmi Olusola** Cultural and Perceptional Dimensions of Faecal Waste Applications for Sustainable Energy in Ogun State, Nigeria	**PSE-248 : Ezah Binti Abdul Aziz** Integrated Optimisation of Energy-Water Nexus for Industrial Site Planning	**SSWM-123 : Hao Zhang** A Novel Bio-film Wastewater Treatment System using Encapsulated Microbes
5:00-5:15 pm	**SPC-86 : Nutthakarn Phumkokrux** Density and Viscosity Measurement and Correlations of Aqueous Solution of 2-(Diethylamino) ethanal for Carbon Dioxide Capture	**SLUGBI-37 : Muhammad Rozaid Bin Ramli** Assessment of Carbon Footprint at Rest and Relaxation Area (R&R) Highway Malaysia	**SSWM-91 : Diyar Tokmurzin** Fixed Bed Gasification and Pyrolysis of Organic Fraction of MSW Blended with Coal Samples	**SSES-252 : Masilah Bandi** Promoting Government Hospital Energy Savings through Implementation of Energy Management Accreditation Scheme: Malaysia Case Study	**SGM-67 : Norazlianie Sazali** Tubular Carbon Membrane Prepared from PI/NCC: Effects of Carbonization Environment
5:15-5:30 pm	**SCP-177 : Mazura Jusoh** Efficiency Study on Vertical-Finned Crystalliser for Concentration of Carrot Juice	**SSES-168 : Omar Sedeeq Yousif** Energy and Economic Benefits of LED Adoption in Malaysia Highway Lighting System	**PSE-193 : Zhi-Yong Liu** Design of Interplant Water Network of Multiple Contaminants with an Interplant Water Main	**PSE-250 : Nur Hazirah binti Che Ithnin** Predictive Modelling for Biogas Generation from POME	**SSWM-109 : Nurul Ekmi Rabat** Adsorption and Desorption of Nickel(II) ion by Oil Palm Empty Fruit Bunch Grafted Polyvinyl Alcohol Hydrogel
5:30-5:45 pm	**SPC-92 : Beenish Tahir** Fabrication of SWCNTs Modified TiO_2 Nanocomposite towards Enhanced Photo-catalytic Carbon Dioxide Reduction to Fuels under Visible Light	**EESA-178 : Nor Ruwaida Jamian** Effect of Filter Aids on Two Different Filter Media Under High Filtering Velocities	**GPGP-207 : Hayatu Umar Sidik** Methane and Natural Gases Kinetic and Equilibrium Adsorption Comparison on Synthesized Porous Coconut Shell Kernel Activated Carbon	**SAF-142 : Lim Jeng Shiun** Characteristics of Cellulose, Hemicellulose and Lignin of MD2 Pineapple Biomass	**EESA-22 : Thanikasalam Kumar** Review of Carburettor Icing Phenomena on Piston Engine Aircrafts
5:45-6:00 pm	**SSES-130 : Sri Haryati** Catalytic Dehydration of Methanol to Dimethyl Ether over ZnO, Al_2O_3 SiO_2 Catalyst	**UPSC-180 : Noordini binti Che'Man** Firm Demography Modelling Framework For Economic Growth	**SSWM-148 : Wahidul Biswas** Sustainability Benefits from the Use of a Closed Loop Water Recycling System in Qatar	**EESA-220 : Syaza Izyanni Ahmad** Development of Quantitative Index for Waste to Energy Technology Selection: Safety and Health Parameters	**SSWM-189 : Anh Kien Le** Removal Phosphorous in Rubber Wastewater - Design of Experiment for the Struvite Crystallization Reaction
8:00-10pm	**GALA DINNER** *Crystal Hall (Level 7)*				

DAY 2

25th October 2018, Thursday **Venue: Holiday Villa Hotel, Johor Bahru**

8:00-9.00 am	***Registration*** *(Foyer, Level 10)*				
Venue : Auditorium *(Level 10)*					
9.00-9.20 am	***Plenary 5: 'Internet of Things for Green City Transformation'*** Prof. Dr. Jiří Jaromír Klemeš, Brno University of Technology, Czech Republic				
9:20-9:40 am	***Plenary 6: 'Design of Smart Cities for Innovative Society in Japan'*** Prof. Dr. Ikuo Sugiyama, Kobe Institute of Computing, Japan				
9:40-10:00 am	***Plenary 7:*** **'Transition into Zero Waste Management: Benefit and Barrier'** Dr. Awassada Phongphiphat, JGSEE, King Mongkut's University of Technology Thonburi, Thailand				
10:00-10:20 am	***Plenary 8: 'Sustainable Biomass & Bioenergy Development in ASEAN'*** Assoc. Prof. Dr. Phung Le, Ho Chi Minh University of Technology, Vietnam				
10:20-10.45am	**Tea Break/Networking** *(Foyer, Level 10)*				
Parallel Session *(Auditorium, Diamond 1-4 Level 10)*					
	LoCARNET session Low Carbon Cities (Auditorium, Level 10)	***Smart and Green Material (Diamond 1, Level 10)*** *Chair: Hamzah Fansuri* *Co-Chair: Norfhairna Baharulrazi*	***Sustainable Waste and Pollution Minimization (Diamond 2, Level 10)*** *Chair: Han How Tan* *Co-Chair: Chooi Mei Mah*	***Environmental/Economic /Social Impact Assessment (Diamond 3, Level 10)*** *Chair: Sheng Zhou* *Co-chair: Wai Shin Ho*	***Process Integration and Modelling (Diamond 4, Level 10)*** *Chair: Zdravko Kravanja* *Co-chair: Timothy Walmsley*
10:45-11:00 am	***LCSR/LoCARNet Interim Progress Meeti***	**SSWM-196 : Hamzah Fansuri (Keynote)** The Kinetics of Cd2+ and Pb2+ Leaching from Fly Ash Geopolymers	**SSWM-247 : Han How Tan, Ergo Global, (Keynote)** The Missing Part in Waste Management	**SAF-241 : Sheng Zhou (Keynote)** Effect of Straw and Slow-release N Fertilizer Combined Application on Rice Grain Yield and GHGs Emission during Five Growing Seasons	**PSE-140 : Petar Sabev Varbanov (Keynote)** Utility System Retrofit: Objectives, Criteria, Degrees of Freedom
11:00-11:15 am		**SGM-64 : Ahmad Aiman Azmi** Rapid One Pot Synthesis of Mesoporous Ceria Nanoparticles by Sol-gel Method for Enhanced Carbon Dioxide Capture	**SSWM-149 : Nurul Hidayah Shabdin** Greenhouse Gas Emissions Trend in Taman Beringin Closed Landfill, Malaysia	**EESA-164 : Sharvini A/P Siva Raman** Energy Generation from Palm Oil Mill Effluent (POME): The Environmental Impact Perspective	**PSE-116 : Lai Yee Qing** Heat Exchanger Network Synthesis Considering Different Minimum Approach Temperatures

11:15-11:30 am		**SGM-38 : Nabilah Abdul Samad** Optimization of *Plectranthus amboinicus (Lour.) spreng* Extraction Process using Microwave-assisted Technique	**SSWM-107 : Abdul Rahman Abdul Rahim** Removal of Lead(II) Ions from Aqueous Solution Using Desiccated Coconut Waste as Low-Cost Adsorbent	**GPGP-224 : Siti Mariah Abdul Murad** Enhancement to Roundtable on Sustainable Palm Oil (RSPO): Qualitative to Quantitative Assessment Tool	**PSE-141 : Timothy Walmsley** A Cooperative Game Theory Applied to Utility Cost and Footprint Allocation for Total Sites
11:30-11:45 am		**SGM-155 : Adilah binti Alis** Properties of Rigid Polyurethane/Halloysite Nanocomposite Foam	**SSWM-253 : Chooi Mei Mah** Feasibility Study of Biomass Waste Recycling through Composting and Biogas Generation in Okayama University Campus , Japan	**EESA-31 : Hong Anh Nguyen** An Appraisal of Green Gross Provincial Product (GGPP) of Phuket, a Tourist City	**PSE-87 : Nor Erniza Mohammad Rozali** Integration of Diesel Plant into Hybrid Power Systems using Numerical Probabilistic Approach based on Power Pinch Analysis
11:45-12:00 pm	***LCSR/LoCARNet Interim Progress Meeting***	**SGM-159 : Mohamed Ehtesham Ali Mohsin** Sonication Time a Salient Parameter in Shaping the Conductivity and Morphology of Polyaniline	**SSWM-88 : Muhammad Asyiq Bin Azman** Effect of Adsorption Parameter on the Removal of Aspirin using Tyre Waste Adsorbent	**SCP-226 : Siti Mariah Abdul Murad** Sustainability Assessment Framework: A Mini Review of Assessment Concept	**PSE-165 : Beatriz A. Belmonte** Bi-objective Mixed-integer Linear Programming Model for High-level Planning of Biochar-based Carbon Management Networks
12:00-12:15 pm		**SGM-197 : Mohammad Hafiz Hawaji** A Review of Recent Developments: Self-healing Approaches for Polymeric Materials	**SSWM-195 : Nurul Widiastuti** Cellulose acetate/zeolite-A Membrane for Ni(II) Adsorption	**EESA-54 Mirza Hussein Sabki** Sustainable Organic Waste Management Framework: A Case Study in Minhang District, Shanghai, China	**PSE-33 : Munawar Zaman Shahruddin** Thermal Pinch Analysis Application on Distillation Columns Sequence of 5-component Alcohol Mixture
12:15-12:30 pm		**SGM-233 : Muhamad Hilmi Basri** Properties Enhancement of Bio Composite Based on Poly (Lactic Acid) And Banana Fiber	**SSWM-200 : Mong Guo Ren** Kinetic Study of Horse Manure through Thermogravimetric Analysis		**PSE-210 : Haslinda binti Zabiri** Dynamic Simulation and Control Structures of Feed Conditioning System for CO_2 Capture
12:30-2:00 pm	**Lunch Break / Networking** *(Fern Pine Café)*				

	LoCARNET session Low Carbon Cities (Auditorium, Level 10)	***Smart and Green Material (Diamond 1, Level 10)*** *Chair: Zurina Mohamad Co-Chair: Nur Nabila Abdul Hamid*	***Sustainable Waste and Pollution Minimization (Diamond 2, Level 10)*** *Chair: Fujiwara Takeshi Co-Chair: Azizul Azri Mustaffa*	***Environmental/Economic/ Social Impact Assessment (Diamond 3, Level 10)*** *Chair: Koji Otsuka Co-Chair: Petar Varbanov*	***Green Policies & Good Practices (Diamond 4, Level 10)*** *Chair: Samuel Nelson Co-Chair: Jaysuman Pusppanathan*
2:00-2:15 pm	***LCSR/LoCARNet Interim Progress Meeting***	**SGM-185 : Nur Amira Sahirah Abdullah** Thermal and Toughness Enhancement of Poly(Lactic Acid) Bio-nanocomposites	**Fujiwara Takeshi (Keynote)** Disaster Waste Treatement in Japan: Damage from Disaster and its Impact to the Environment	**EESA-77 : Koji Otsuka (Keynote)** Inclusive Impact Evaluation for Cascade Use of Deep Ocean Water - A Case Study in Kumejima Island, Japan	**EESA-108 : Samuel Nelson (Keynote)** Low Carbon Schools – A New Framework and Approach for Decarbonising Schools
2:15-2:30 pm		**SSES-231 : Siti Maznah Kabeb** Exploring the Effects of Nano fillers of Epoxy Nanocomposite Coating for Sustainable Corrosion Protection	**SSWM-239 : Ho Wai Shin** Optimising Mixture of Agricultural, Municipal and Industrial Solid Wastes for the Production of Alternative Fuel	**EESA-217 : Viet Anh Le Nguyen** Eco-efficiency analysis of restaurants in City of Gastronomy: The case of Kathu District, Phuket, Thailand	**GPGP-42 : Wan Nurul Mardiah Wan Mohd Rani** Assessment of Stakeholders Perception towards Water Sensitive Cities
2:30-2:45 pm		**SCP-229 : Husna Madihah Hasan** The Effect of Poly(ethylene-octene) grafted Maleic Anhydride Elastomer (POEgMA) and Liquid Epoxidized Natural Rubber (LENR) on Mechanical Properties of Poly(hydroxyl-3-butyrate) (PHB)	**SSWM-234 : Nur Farzana Ahmad Sanadi** Characterisation of Liquid Fertiliser from Different Types of Bio-Waste Compost and its Correlation with the Compost Nutrients : A Review Study	**SSES-118 : Muhammad Afiq Zubir** Economic, Feasibility, Sustainability, and Sensitivity Analysis of Energy Efficient Distillation Based Separation Processes	**GPGP-162 : Nor Farahwahidah Abdul Rahman** Sustainable Impact of Iskandar Malaysia Eco-life Challenge (IMELC) on the Low Carbon Awareness and Practice among Students
2:45-3:00 pm		**SCP-215 : Nur Nazlina Saimon** Optimization of Palm Fatty Acid Distillate Esterification to Biodiesel Using Microwave-Assisted Titanium Sulfonated Glucose Acid Catalyst	**SSWM-153 : Le Thi Kim Phung** Co-composting of Pineapple Residues and Food Waste	**EESA-146 : Shahana Yousaf Janjua** Sustainability Assessment of a Residential Building using a Life Cycle Assessment Approach	**GPGP-213 : Peter Yacob** Pro-Environmental Behaviour in SMEs – A test of VBN Framework
3:00-3:20 pm	**Refreshment Break/ Networking** *(Foyer, Level 10)*				

	ICLCA Annual Board Meeting ***(Diamond 1, Level 10)***	**Sustainable Transportation** ***(Diamond 2, Level 10)*** *Chair: Seungjae Lee* *Co-Chair: Tran Thanh Tu*	***Environmental/Economic/ Social Impact Assessment*** ***(Diamond 3, Level 10)*** *Chair: Leonora E. Ngilangil* *Co-Chair: Yueshu Gao*	***Cleaner Production and Green Building*** ***(Diamond 4, Level 10)*** *Chair: Lim Jeng Shuin* *Co-Chair: Siti Hajjar Che Man*	**Sustainable Technology** ***(Diamond 5, Level 10)*** *Chair: Haslenda Hashim* *Co-Chair: Mohd Asmadi Mohammed Yussuf*
3:20-3:35 pm	**ICLCA Annual Board Meeting (Invited Members only)**	**SMT-59 : Seungjae Lee (Keynote)** Environmental Implications on Energy and Emissions of the use of a Connected and Autonomous Vehicle Environment	**EESA-154 : Leonora E. Ngilangil (Keynote)** Vulnerability Assessment of Coastal Community Stakeholders in Bacnotan, La Union, Philippines	**SSES 191 : Andreja Nemet (Keynote)** Potential Of Cross-Sector Energy Integration Considering Different Technologies For Gas Emission Mitigation	**GPGP-25 : Thanikasalam Kumar** Detonation and Knock Rating Concerns in Piston Aircraft Engines when using AVGAS and MOGAS
3:35-3:50 pm		**SSES-96: Subash Dhar** Alternative Scenarios for Electric Vehicle Charging: Analysis of Impacts for Renewable Power	**SSWM-50 : Yueshu Gao** Nutrient Transformation of Solid Sludge in Recirculating Aquaculture Systems (RAS)	**SSWM-80 : Muhammad Abbas Ahmad Zaini** Rubber Seed Shell Based Activated Carbon by Physical Activation for Phenol Removal	**SLUGBI-89 : Fateen Nabilla Rasli** Analysis of Fragmented Green Spaces in Kuala Lumpur, Malaysia
3:50-4:05 pm		**SMT-11 : Tran Thanh Tu** Traffic-related Air Pollution Situation and Proposed Greenhouse Gas Mitigation Measures for Passenger Transport in Ho Chi Minh City by 2030	**GPGP-29 : Joni Safaat Adiansyah** Improving the Environmental Performance of a Copper Mine Site in Indonesia by Implementing Potential Greenhouse Gasses Emission Reduction Activities	**SSWM-12 : Vekes Balasundram** In-situ Catalytic Upgrading of Pyrolysis Vapours from Sugarcane Bagasse over Newly-developed Ni-Ce/HZSM-5 catalyst: Effect of Catalyst to Biomass Mass Ratio	**GPGP-26 : Thanikasalam Kumar** Material and Chemical Stability of Using Motor Gasoline/Automotive Gasoline in Piston Aircraft Engine
4:05-4:20 pm		**SMT-58 : Jooyoung Kim** The Real-time Traffic Signal Control System for the Minimum GHG Emission using Reinforcement Learning in V2X Environment	**SCP-181 : Leong Wei Dong** Outcome Based Approach to Lean and Green Manufacturing Processing	**GBA-171 : Tsau Kar Yen** Insights of Human Attitude in Green Buildings: A Review on the Attitude Components and Factors	**SSWM-65 : Uzor Gbakuruchukwu Godson** Transformation towards Smart, Resilient and Sustainable Communities: Sustainable Solid Waste Management
4:20-4:35 pm		**SMT-145 : S M Najmul Hoque** LCSA Framework for Assessing Sustainability of Alternative Fuels for Transport Sector		**GBA-157 : Ng Wai Tuck** Field Measurement of Indoor Thermal Environments in a Two-Storey Corner Terrace House in Hot-humid Climate	**SCP-251 : Nurul Hanim Razak** Optimization of Green Diesel Product Design of Diesel, Biodiesel and Oil Palm Biomass Derived Alcohol
4:35-5:00pm	**Closing Ceremony** *(Auditorium, Level 10)* Johor Bahru Joint Declaration on Low Carbon Asia Certificate of Appreciation to Exhibitors ICLCA 2019, Ho Chi Minh City Montage				

PRE-CONFERENCE EVENTS

23rd October 2018, Tuesday Venue: UTM Johor Campus

Event 1: Workshop by Elsevier: High Impact Publication in Sustainability

9.00 – 11.00 am, Convention Hall, Block B12, Faculty of Built Environment and Surveying, Universiti Teknologi Malaysia (UTM)

9:00 ***How does the Elsevier manage and progress international journals: Journal of Cleaner Production (JCLEPRO)?***
Dr Lan Song, Associate Publisher and Publisher of JCLEPRO, Environmental Science and Technology, Elsevier, The Netherlands

9:30 ***How to prepare a good manuscript for high impact factor international: Successful cases in JCLEPRO?***
Prof Dr Jiří Jaromír Klemeš , Co-Editor-in-Chief, JCLEPRO, Czech Republic

10:00 ***How to prepare a good Review Article for JCLEPRO?***
Prof Dr Cecilia M. V. B. Almeida, Co-Editor-in-Chief, JCLEPRO, Brazil

10:30 ***How to propose, prepare and handle the Special Issue/Volume/Section of JCLEPRO?***
Prof Dr Yutao Wang, Co-Editor-in-Chief, JCLEPRO, China

11:00 ***End of Session***

Event 2: Workshop : Carbon Footprint Life Cycle Analaysis, Dr. Wahidul Biswas, Curtin University, Australia; Prof Ir. Dr. Haslenda Hashim, UTM.

2:30-5:30pm, Block N03, Room 1-1, School of Chemical and Energy Engineering, Universiti Teknologi Malaysia

Special Event : Joint Meeting of the ProSPER.Net- The 12th General Assembly and 18th Board Meeting (for ProSPER.NET Member only)

9:00am-5:00pm, Senat Hall, Sultan Ibrahim Chancellery Building, Jalan Iman, UTM 81310 Johor Bahru, Johor. Malaysia

POST-CONFERENCE TOUR

26th October 2018, Friday

Tour 1: Iskandar Malaysia (Kota Iskandar, Edu City, Pinewood Iskandar Malaysia Studio, Eco-tourism Hub) (9am-5pm)
Tour 2: Technical Tour: Solar Thermal Farm (Simpang Renggam) & Gunung Pulai National Park (40 pax) (9am-5pm)

Exhibitors & Acknowledgements

Johor Bahru City Council

Iskandar Puteri City Council

Kulai Municipal Council

Pasir Gudang Municipal Council

Iskandar Regional Development Authority

Putrajaya Corporation

UTM Low-Carbon Asia Research Centre

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