



### Webinar eGREEN2020 Program 18 – 19 August 2020

<b>Date</b>	<b>18 August 2020</b>
Day-1	Webinar GREEN2020
Time	Description
8.30 – 9.00 am	Online attendance for Day-1
9.00 – 9.25 am	Short welcoming speech by campus director/GREEN2020 director
9.30 – 9.55 am	Keynote speaker: Prof. Dato' Dr. Mohd Ali Hassan Affiliation: Universiti Putra Malaysia Title: Current status and prospects of biomass
10.00 – 10.25 am	Keynote speaker: Mr. James Ung Affiliation: CEO of SEB Power, Sarawak Energy Title: Advancing Renewable Hydropower for a Sustainable Energy Future
10.30 – 10.55 am	Keynote speaker: Dr. Ng Sing Muk Affiliation: GM for Research and Development, Sarawak Energy Title: An Overview on Renewables for Distributed Power Solution
11.00 – 11.25 am	Keynote speaker: Prof. Ir. Dr. Nor Mariah Binti Adam Affiliation: Universiti Putra Malaysia Kampus Bintulu Title: Potential of Gas Turbine Using Sheep Fat Biodiesel Enhanced with Plasmatron and Fuel Atomization Using Sonic Waves
11.30 – 11.45 am	Presenter 1: Ngu Wang Keat Affiliation: Future Nrg Sdn Bhd Title: Biogas Power Plant
11.45 – 12.00 pm	Presenter 2: Prof. Dr. Syed Nur Azman Bin Syed Mustaffa Affiliation: Manipal International University Title: Designing and Fabricating A Cost-Effective Solar Water Distiller for Palm Oil Mill Effluent Treatment

12.00 – 12.15 pm	<p>Presenter 3: Dr. Bala Abdullahi</p> <p>Affiliation: Kano University of Science &amp; Technology (Nigeria)</p> <p>Title: Optimum Truncation Level of Heat Pipe Based Compound Parabolic Collector</p>
12.15 – 12.30 pm	<p>Presenter 4: Dr. Hwei Voon Lee</p> <p>Affiliation: University of Malaya</p> <p>Title: Hydrodeoxygenation Of Bio Oil into Bio-Hydrocarbon Via Bimetallic-Based Catalyst</p>
12.30 – 12.45 pm	<p>Presenter 5: Rhitankar Saha Roy</p> <p>Affiliation: Coventry University (United Kingdom)</p> <p>Title: Ansys Water-Wind Flow Simulation to Study Pressure Generated Under Various Conditions to Generate Electricity Using Piezoelectric Cells</p>
12.45 – 2.30 pm	Lunch Break
2.30 – 2.45 pm	<p>Presenter 6: Latifa Seniorita</p> <p>Affiliation: Kyoto University (Japan)</p> <p>Title: Development and Evaluation of Thermodynamic Models for Predicting Cold Flow Properties of Biodiesel</p>
2.45 – 3.00 pm	<p>Presenter 7: Assoc. Prof Dr Abu Saleh Ahmed</p> <p>Affiliation: Universiti Malaysia Sarawak</p> <p>Title: Biodiesel Production from Crude Karanja Oil Using Heterogenous Catalyst from Seashells</p>
3.00 – 3.15 pm	<p>Presenter 8: Lim Chong Lye</p> <p>Affiliation: PSB Academy (Singapore) &amp; UPM</p> <p>Title: Analysis of Optimum Thickness of Glass Wool Roof Thermal Insulation Performance</p>
3.15 – 3.30 pm	<p>Presenter 9: Faisal Sherwani</p> <p>Affiliation: Universiti Putra Malaysia</p> <p>Title: Mechanical and Morphological Properties of Different Natural Fiber Reinforced Polylactic Acid Composites: A Review</p>
3.30 – 3.45 pm	<p>Presenter 10: Nursyuhada' Binti Kamaruzaman</p> <p>Affiliation: Universiti Teknologi Malaysia</p> <p>Title: Waste-Energy-Climate Nexus Perspective Towards Circular Economy: A Review</p>
3.45 – 4.00 pm	<p>Presenter 11: Dr. Hasila Jarimi</p> <p>Affiliation: Universiti Kebangsaan Malaysia</p> <p>Title: An Affordable Calibrated Hot Box Suitable for Thermal Performance Measurement of An Insulation Panel</p>

4.00 – 4.15 pm	Presenter 12: Dr. Muhammad Azwan Bin Sulaiman Affiliation: Universiti Teknologi MARA Title: The Impact of Green Areas Towards Property Values in Malaysia
4.15 – 4.30 pm	Presenter 13: Salma Izati Sinar Mashuri Affiliation: Universiti Teknologi MARA Title: Photocatalysis Degradation of Organic Pollutant Wastewater Under Led Light by Zno/Cds
4.30 – 4.45 pm	Presenter 14: Dr. Siti Munirah Binti Mohd Affiliation: Universiti Sains Islam Malaysia Title: Secondary School Students' Awareness of Green Computing: A Preliminary Study
4.45 – 5.00 pm	Presenter 15: Pn. Azira Sanusi Affiliation: Universiti Putra Malaysia Kampus Bintulu Sarawak Title: Kitchen and Food Waste for Biogas Production: A Case Study in Bintulu, Sarawak
5.00 pm	End Day-1 Webinar GREEN2020

<b>Date</b>	<b>19 August 2020</b>
Day-2	Webinar GREEN2020
Time	Description
8.30 – 8.45 am	Online attendance for Day-2
8.45 – 9.00 am	Presenter 16: Assoc. Prof. Noumie Surugau Affiliation: Universiti Malaysia Sabah Title: Characteristics and Properties of Biofilms Made from Pure Carrageenan Powder and Whole Seaweed (Kappaphycus Sp.)
9.00 – 9.15 am	Presenter 17: Aunie Afifah Abdul Mutalib Affiliation: Universiti Teknologi MARA Shah Alam Title: Sugarcane Bagasse Ash Impregnated with Cao As Heterogeneous Catalyst in Biodiesel Production
9.15 – 9.30 am	Presenter 18: Muhammad Amirrul Hakim Bin Lokman Nolkhakim Affiliation: Universiti Teknologi Mara (Kampus Jengka) Title: Biodiesel Production Using K <sub>2</sub> CO <sub>3</sub> Catalyst Support Beads Al <sub>2</sub> O <sub>3</sub> Using Perforated Hydrophilic Materials (PHM)

9.30 – 9.45 am	Presenter 19: Dr. Tengku Sharifah Marliza Binti Tengku Azmi Affiliation: Universiti Putra Malaysia Kampus Bintulu Sarawak Title: Food Premises' Awareness on Supporting the Production of Biodiesel from Used Cooking Oil in Bintulu Sarawak, Malaysia.
9.45 – 10.00 am	Presenter 20: Dr. Nurul Asikin Bt Mijan Affiliation: Universiti Kebangsaan Malaysia Title: Green Diesel Production Via Pyrolytic-Deoxygenation of Jatropha Curcas Oil Over Multi-Wall Carbon Nanotube-Based Catalysts
10.00 – 10.15 am	Presenter 21: Alsultan Abdulkareem Ghassan Affiliation: Universiti Putra Malaysia Title: Thermal Catalytic Cracking of Waste Cooking Oil into Green-Diesel Via Activated Carbon Supported Cadmium and Lanthanum Oxides Catalyst
10.15 – 10.30 am	Presenter 22: Wan Nor Adira Wan Khalit Affiliation: Universiti Putra Malaysia Title: Green Fuel Production in Solvent-Free Catalytic Deoxygenation Using Bimetallic Nickel Based Catalyst Supported on Activated Carbon
10.30 – 10.45 am	Presenter 23: Adriana Kamaruddin Affiliation: Universiti Teknologi MARA Title: A Review on Green Cleaning During and Post COVID-19 pandemic
10.45 – 11.00 am	Presenter 24: Dr. Nozieana Binti Khairuddin Affiliation: Universiti Putra Malaysia Kampus Bintulu Title: Potential of Cellulose Nanofiber from Banana Pseudostem For Solar Cell Application: A Preliminary Study
11.00 – 11.15 am	Presenter 25: Christopher H. Punzalan Affiliation: Philippine Normal University (Philippines) Title: Environmental and Green Energy Awareness of Rural and Urban Schools Students in The Philippines
11.15 – 11.30 am	Presenter 26: Izzaidah Binti Riman Affiliation: Universiti Teknologi MARA Title: Preparation and Characterization of Metal Oxide Biochar Catalyst for Efficient Oxidative Desulfurization
11.30 – 11.45 pm	Presenter 27: Dr. Mohammad Faisal Mohd Basir Affiliation: Universiti Teknologi Malaysia Title: Dual Solutions for An Unsteady Hybrid Nanofluid Thin Film Second-Grade Flow with Heat Transfer Analysis Over Permeable Stretching Sheet

11.45 – 12.00 pm	<p>Presenter 28: Shamina A Aleem</p> <p>Affiliation: Universiti Putra Malaysia</p> <p>Title: In-Situ Ketonization And Decarboxylation of Fatty Acid Over A Series of Transition Metal Oxide Supported Zirconia Oxide Catalyst</p>
12.00 – 12.15 pm	<p>Presenter 29: Vinothini Apoo</p> <p>Affiliation: Multimedia University</p> <p>Title: Influence of Green Human Resource Management on Employee Engagement</p>
12.15 – 12.30 pm	<p>Presenter 30: Thong Cheng Han</p> <p>Affiliation: University of Malaya</p> <p>Title: Growth of Marine Microalgae and their Potential Application in Algal Biophotovoltaic (BPV) Devices</p>
12.30 – 12.45 pm	<p>Presenter 31: Dr. Osam H. Attia</p> <p>Affiliation: University of Baghdad, Iraq</p> <p>Title: Numerical analysis for solar panel subjected to an external force to overcome adhesive force in desert areas</p>
12.45 – 2.30 pm	Lunch Break
2.30 – 2.45 pm	<p>Presenter 32: Melissa Sharmah Bte Gilbert @ Jesuet</p> <p>Affiliation: Universiti Malaysia Sabah</p> <p>Title: Bio-briquette Blend from Newspaper-based Nitrocellulose and Neolamarckia cadamba</p>
2.45 – 3.00 pm	<p>Presenter 33: Dr. Kai Wah Cheng</p> <p>Affiliation: Universiti Putra Malaysia</p> <p>Title: Towards a better understanding of the determinants of households' intention to practise solid waste segregation-at-source: Developing a theoretical framework</p>
3.00 – 3.15 pm	<p>Presenter 34: Dr. Kai Wah Cheng</p> <p>Affiliation: Universiti Putra Malaysia</p> <p>Title: Exploring the relationship between determinants of households' intention to practise solid waste segregation-at-source: A conceptual paper</p>
3.15 – 3.30 pm	<p>Presenter 35: Dayang Nur Sakinah Binti Musa</p> <p>Affiliation: Universiti Malaysia Sabah</p> <p>Title: Wood-based biomass of Dipterocarp and Non- Dipterocarp Trees as an Alternative for Biofuel</p>
3.30 – 3.45 pm	<p>Presenter 36: Dr. Mohd Sufri Mastuli</p> <p>Affiliation: Universiti Teknologi MARA</p>

	Title: Self-propagating combustion method for sulfonated SnO <sub>2</sub> catalyst for esterification of low-cost PFAD feedstock into biodiesel
3.45 – 4.00 pm	Presenter 37: Yoganathan Palaniandy Affiliation: Universiti Putra Malaysia Kampus Bintulu Title: Potential of steam recovery from excess steam in sterilizer at palm oil mill
4.00 – 4.15 pm	Presenter 38: Dr. Ng Khai Mun Affiliation: Infrastructure University Kuala Lumpur (IUKL) Title: Preliminary Experimental Study of Passive Solar Air Heating System in Drying Chilli under Malaysian Climates
4.15 – 4.25 pm	Presenter 39: Nurjehan Ezzatul Binti Ahmad Affiliation: International Islamic University Malaysia Title: Development of PSA technology for CO <sub>2</sub> capturing from biogas
4.25 – 4.35 pm	Presenter 40: Dr. Melvin Mojikon Affiliation: Politeknik Kota Kinabalu Title: Avanong Food Pack Using Green Technology
4.35 – 4.45 pm	Presenter 41: Dr. Mohd Zulkhairi Mohd Yusoff Affiliation: Universiti Putra Malaysia Title: Utilisation of Waste Glycerine for Biohydrogen Production Using Engineered Escherichia coli BW25113
4.45 – 5.00 pm	Presenter 42: Dr. Michael Ohakwere-Eze Coat Affiliation: Federal University of Kashere Title: Experimental Estimation of Water Velocity in A Selected Unregulated River (River Dindima) For Micro-Hydrokinetic Potential.
5.00 – 5.15 pm	Presenter 43: Dr. Michael Ohakwere-Eze Coat Affiliation: Federal University of Kashere Title: Prospect Evaluation of a Wind Farm Project for A Smart Campus in The Federal University of Kashere, Gombe State
5.15 – 5.30 pm	Presenter 44: Dr. Omar Faruqi Bin Marzuki Affiliation: Universiti Putra Malaysia Bintulu Sarawak Campus Title: Level of Awareness and Perception of Rural Society Related to Renewable Energy in Sarawak: A Preliminary Study
5.30 pm	End Day-2 Webinar GREEN2020