



## Tentative Program

Note – The time show here is Malaysia local time (GMT+8hr)		
Welcoming (Room #0)		
0830 - 0835	Emcee by Hanafy Gausmian Welcoming Speech by ICEMEN2020 Chair Person	<b>Prof. Dr. Che Abdul Rahim Mohamed</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti kebangsaan Malaysia
0835 - 0840	Welcoming Speech by Dean, Faculty of Science and Technology, Universiti Kebangsaan Malaysia	<b>Prof. Dr. Mohammad Kassim</b> Dean, Faculty of Science and Technology, Universiti kebangsaan Malaysia
Invited Plenary Speech (Room #0); Chair by Prof. Dr. Fredolin Tangang@ Tajudin Mahmud		
0840 - 0925	Recent large landslide hazards in Asian countries and their background	<b>Prof. Dr. Masahiro Chigira</b> Emeritus Professor of Kyoto University / Chair, Fukada Geological Institute
Parallel Session A-1 (Room #1) (Chair by Dr. Mohd Hariri Arifin)		
0930 - 0942	Multiple Linear Regression Modeling for A Rapid 2D Estimation of Shallow Subsurface Soil's Shear Strength Parameters from Electrical Resistivity and Seismic Refraction Methods	<b>Bala Balarabe</b> School of Physics, Universiti Sains Malaysia
0942 - 0954	Subsurface Investigation of Suspected Ground Subsidence Prone Zone Using Electrical Resistivity Tomography Technique	<b>Mustapha Adejo Mohammed</b> Geophysics Section, School of Physics, Universiti Sains Malaysia
0956 - 1006	Analogy of Crocker Formation Outcrops in Hydrocarbon Exploration	<b>Nurul Afifah Binti Mohd Radzir</b> Program Geology, Earth Science and Environmental Department, Faculty of Science & Technology, Universiti Kebangsaan Malaysia,

1006 - 1018	The Occurrences of Landslide in Penang: An Overview	<b>Syaidatul Azwani Zulkafli</b> Institute for Environment & Development (LESTARI), Universiti Kebangsaan Malaysia
1018 - 1030	The Implications of Climate Change on Landslide	<b>Syaidatul Azwani Zulkafli</b> Institute for Environment & Development (LESTARI), Universiti Kebangsaan Malaysia
<b>Parallel Session A-2 (Room #2); Chair by Dr. Muzznena Ahmad Mustapha</b>		
0930 - 0942	Dose assessment of <sup>210</sup> Pb in <i>Perna viridis</i> at the Johor Strait Malaysia	<b>Noor Affizah Binti Bujang Salli</b> Faculty of Science and Technology, University Kebangsaan Malaysia
0942 - 0954	Whole Genome Sequencing of <i>Leptospira dzianensis</i> strain BJ3	<b>Nadia Aqilla Binti Shamsusah</b> Faculty Science & Technology, Universiti Kebangsaan Malaysia
0956 - 1006	Review of Dengue Outbreaks in Malaysia 1991 - 2020	<b>Khairunisa'a Mohamad Noor</b> Institute for Environment & Development (LESTARI), Universiti Kebangsaan Malaysia
1006 - 1018	Spatial Epidemiological Trends of Dengue Fever in Bandar Baru Bangi during COVID-19 Pandemic	<b>Nurafiqah Muhamad Nazi</b> Institute for Environment & Development (LESTARI), Universiti Kebangsaan Malaysia
1018 - 1030	The effect of temperature on cardiovascular mortality in Kuala Lumpur	<b>Ahmad Norazhar Bin Mohd Yatim</b> Space Science Centre (ANGKASA), Institute of Climate Change, Universiti Kebangsaan Malaysia
<b>Parallel Session A-3 (Room #3) (Chair by Chair by Dr. Khairiatul Mardiana Janser)</b>		
0930 - 0942	Allelopathic Potential of <i>Leucaena leucocephala</i> (Lam.) de Wit leaf litter leachate on the growth of weedy rice variants and several modern rice varieties in Malaysia	<b>Muhamad Safwan bin Ishak, Department of Earth Science and Environment, FST, UKM</b>

0942 - 0954	Color Removal of Textile Industry Wastewater by Adsorption using a Potential Hybrid Composite Carbon-Graphite.	<b>Nurulhana Nordin</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia,
0956 - 1006	Effectiveness of Mixing Different Organic Ratio in Waste Treatment using Black Soldier Fly ( <i>Hermetia illucens</i> ) Larvae	<b>Siti Hajar binti Abdullah</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia,
1006 - 1018	Optimization of Adsorption Parameters using Lemongrass Leaves for the Removal of Methylene Blue Template Dye	<b>Norazlina Idris, Department of Science and Biotechnology</b> , Faculty of Engineering and Life Sciences, Universiti Selangor
1018 - 1030	Tribological Performance of the Lubricant Oils Using Cellulose Nanocrystals as Nano Additive	<b>Norazmira Wati Binti Awang</b> Faculty of Mechanical Engineering, Universiti Malaysia Pahang
<b>Parallel Session B-1 (Room #1) (Chair by Assoc. Prof. Dr. Marlia binti Mohd Hanafiah)</b>		
1035 - 1047	Projection of Precipitation Extremes over Indonesia Simulated by CORDEX-SEA	<b>Supari</b> Center for Climate Change Information, BMKG
1047 - 1059	Projected Future Changes in Rainfall in Southeast Asia based on CORDEX-SEA Multi-model Simulations	<b>Fredolin Tangang</b> Department of Earth Science and Environment, FST, UKM.
1059 - 1111	Performance of CMIP6 Global Climate Models over Southeast Asia	<b>Thanh Ngo Duc</b> REMOSAT Laboratory, University of Science and Technology of Hanoi, Vietnam Academy of Science and Technology.
1111 - 1123	Evaluation of CMIP5/6 atmosphere-ocean general circulation models in simulating El Niño event during dry and wet season.	<b>Muhamad Zuhairi Bin Mat Zin</b>

		Department of Earth Science and Environment, FST, UKM.
1123 - 1135	Estimation of future change in drought characteristics in Vietnam	<b>Phuong Nguyen-Ngoc-Bich</b> Faculty of Hydro-Meteorology and Oceanography, VNU University of Science, Hanoi
1135 - 1147	Projected Changes in Mean and Extreme Precipitation over Peninsular Malaysia in the 21st Century using RegCM4 Downscaled CMIP5 Simulations	<b>Chung Jing Xiang</b> Faculty of Science and Marine Environment, Universiti Malaysia Terengganu
<b>Parallel Session B-2 (Room #2) (Chair by Dr. Ester Salimun)</b>		
1035 - 1047	Synoptic Features of Squall Lines in the Borneo Coastline on 10 July 2018 and 8 August 2018	<b>Fadila Jasmin Fakaruddin</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1047 - 1059	Cluster Analysis of Daily Rainfalls using Wavelet Functions	<b>Noratiqah Mohd Ariff</b> Department of Mathematical Sciences, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1059 - 1111	The Preparedness of Local Community Towards Flood: Case in Pekan, Pahang	<b>Nor Diana Mohd Idris</b> Institute for Environment and Development (LESTARI), UKM
1111 - 1123	Investigating Added Value of WRF Cumulus Parameterization Scheme in Simulating High Resolution Rainfall over Peninsular Malaysia	<b>Abdul Azim bin Amirudin</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1123 - 1135	Investigation of Thunderstorms Event at KL International Airport (KLIA) in Malaysia	<b>Najhan Azima Binti Nawai</b>

		Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1135 - 1147	Variation of Solar Energy Resources Throughout the Year in the City of Kota Kinabalu Malaysia	<b>Ag Sufiyan Abd Hamid,</b> Universiti Malaysia Sabah
<b>Parallel Session B-3 (Room #3); Chair: Dr. Nurul Ain Ab Jalil,</b>		
1035 - 1047	Stability of Iron Oxide Nanoparticles in Humic Acid Solution: Influences of pH and Time Effect	<b>Nur Suraya Ahmad, Jabatan Fizik Gunaan</b> Universiti Kebangsaan Malaysia
1047 - 1059	Batch Study: Adsorption of Methylene Blue Dye from Aqueous Solution using <i>Parkia speciosa</i> Skin	<b>Sarah Nadira Binti Hurairah,</b> JSBAS, FST, UNIVERSITI KEBANGSAAN MALAYSIA
1059 - 1111	Removal of Cationic Dye by Activated Carbon supported Nano Zero Valent Iron (AC-nZVI)	<b>Nur 'Aishah Binti Zarime</b> Geology Program, Department of Earth Sciences and Environment, FST UKM.
1111 - 1123	UNDERSTANDING THE COVID-19 RELATED RISKS IN THE AIRLINE INDUSTRY	<b>Maizatulakma Abdullah</b> Faculty of Economics and Management, Universiti Kebangsaan Malaysia
1123 - 1135	The Potential for Refuse Derived Fuel Production from Municipal Solid Waste Composition	<b>Nurul Ain Ab Jalil</b> Department of Earth Sciences and Environment, FST UKM
1135 - 1147	Forensic Discrimination of Soils Using Ultra-Performance Liquid Chromatography (UPLC) and Principal Component Analysis (PCA)	<b>Lee Loong Chuen</b> Program Sains Forensik, CODTIS, Fakulti Sains Kesihatan, UKM
<b>Long Break</b>		
<b>Session C1 (Room #1) Chair-person – Chair by Dr. Maggie Ooi Chel Gee</b>		
1300 - 1312	Spatio-Temporal Variation of PM <sub>2.5</sub> and PM <sub>10</sub> in different regions in Malaysia	<b>Anis Asma Ahmad Mohtar</b> Faculty of Science and Technology, UKM.
1312 - 1324	A Modelling System of ADMS-Urban for Predicting Kuala Lumpur Urban Air Pollution	<b>Nor Hafizah Baharudin</b>

		Faculty of Science and Technology, UKM.
1324 - 1336	Temporal Analysis of Environmental Noise and Air Pollution: A Case Study Near Hospital Area	<b>Amirul Aiman Helmi</b> Department of Environmental and Occupational Health, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia
1336 - 1348	Long-term trends and emissions of ozone-depleting CFC-114 and CFC-114a	<b>Norfazrin Mohd Hanif</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1348 - 1400	On-Road Measurement of Gaseous Emissions from Gasoline Passenger Vehicles in Kuala Lumpur City Center	<b>Nurzawani Binti Md Sofwan</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1400 - 1412	PM <sub>2.5</sub> -bound Polycyclic Aromatic Hydrocarbons (PAHs) in Southern Thailand: Characteristics, Sources, and Risk Assessment	<b>Preyapon Promsiri</b> Energy Technology Program, Faculty of Engineering, Prince of Songkla University, Thailand
1412 - 1424	Characteristics and Sources of PM <sub>2.5</sub> Carbonaceous Aerosols in Southern Thailand	<b>Phatsarakorn Chaisongkaew</b> Energy Technology Program, Faculty of Engineering, Prince of Songkla University, Thailand
1424 - 1436	Characteristics of PM <sub>0.1</sub> Carbonaceous Aerosol in Southern Thailand	<b>Chaiyoth Sresawasd</b>

		Energy Technology Program, Faculty of Engineering, Prince of Songkla University, Thailand
1436 - 1448	Performance of Anthropogenic and Biomass Burning Emission Inventories in Northern Southeast Asia	<b>Ooi Chel Gee</b> Institute of Climate Change, Universiti Kebangsaan Malaysia
1448 - 1500	Fine particles-bound Polycyclic Aromatic Hydrocarbons in Southern Thailand	<b>Napawan Mahasakpan</b> Energy Technology Program, Faculty of Engineering, Prince of Songkla University
1500 - 1512	Variations of Particulate Matter and Aerosol Optical Properties over Background Station in Borneo	<b>Nur Aleesha Abdullah</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1512 - 1524	One-Dimensional Convolutional Neural Network (CNN) Time Series Forecasting of Hourly Air Quality Data	<b>Mohd Aftar Abu Bakar</b> Department of Mathematical Sciences, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1524 - 1536	Atmospheric PCDDs/PCDFs Levels and Sources in Southeast Asia	<b>Sharifah Mazrah Sayed Mohamed Zain</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
<b>Session C2 (Room #2) Chair-person – Dr. Ester Salimun</b>		
1300 - 1312	Using Microscopic Techniques for Taxonomic Implications of Pollen of <i>Heritiera</i> Aiton (Malvaceae s.l)	<b>Muhammad Amirul Aiman Bin Ahmad Juhari</b>

		Department of Environmental Sciences, Faculty of Environmental Studies, Universiti Putra Malaysia
1312 - 1324	Freshwater Acidification Impact on Growth Properties and Blood Parameters of mahseer, ( <i>Tor tambroides</i> )	<b>Nur Syuhada Binti Mohd Iskandar</b> Department of Earth Sciences and Environment Faculty of Science and Technology Universiti Kebangsaan Malaysia
1324 - 1336	Influences of Fungal Colonisation in Green Turtle ( <i>Chelonia mydas</i> ) and Hawksbill Turtle ( <i>Eretmochelys imbricata</i> ) Hatchery in Peninsular Malaysia	<b>Chai Chun Xue</b> Department of Earth Sciences and Environment Faculty of Science and Technology Universiti Kebangsaan Malaysia
1336 - 1348	Gill Remodelling and Growth Rate of Juvenile Hybrid Grouper ( <i>Epinephelus fuscoguttatus</i> ♀ × <i>E. lanceolatus</i> ♂) Under Elevated CO <sub>2</sub>	<b>Amirah Izzati Mohd Iskandar</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1348 - 1400	The First Record of Genus <i>Cerapus</i> (Amphipoda: Ischyroceridae) from Malaysian Waters with Notes on Their Natural Habitat	<b>Nurshazwan Bin Ja'afar</b> Department of Earth Sciences and Environment, Faculty of Science & Technology, Universiti Kebangsaan Malaysia
1400 - 1412	An Anatomy Study on Disease Development of Bacterial Leaf Streak ( <i>Xanthomonas oryzae</i> pv. <i>oryzicola</i> ) In Sensitive Paddy Plant Cultivar	<b>Noraini Binti Talip</b> Department of Biological Sciences and Biotechnology, Faculty of Science and Technology, UKM
1412 - 1424	Changes in stand structure, diversity and biomass of fringing mangrove communities in Malaysia	<b>Mohd. Safwan Bin Azman</b>



		Institute of Biological Sciences, Faculty of Science, University of Malaya
1424 - 1436	Stand structure, diversity and biomass of mangrove forest in Delta Tumpat, Kelantan	<b>Mohd Amir Muizz Bin Shaharudin</b> Institute of Ocean and Earth Sciences, University of Malaya
1436 - 1448	Fatty Acids Composition in Gonad of Sea Urchins ( <i>Diadema setosum</i> & <i>Salmacis sphaeroides</i> ) in Johor Waters	<b>Evelyne Evita Felix</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1448 - 1500	Carbon And Nitrogen Assimilation In Tissues of <i>Gracilaria coronopifolia</i> At Tanjung Adang	<b>Tan Heng Jie</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1500 - 1512	Involving Karst Carbon Cycle as the Basis for Adaptive Management in Tropical Karst Lakes	<b>Raynusha Chandran</b> Department of Earth Sciences and Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
<b>Session C3 (Room #3) Chair by Dr. Tan Mou Leong</b>		
1300 - 1312	Detection of Land use/Land cover changes using Landsat imageries Surrounding Firefly Ecotourism Areas in Malaysia	<b>Nor Shafikah Binti Idris</b> Department of Earth Sciences & Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1312 - 1324	Satellite Data Utilization for Detecting and Monitoring Hazardous Convective Weather	<b>Mahani Abillah</b>

		Department of Earth Sciences & Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1324 - 1336	Unmanned Aerial Vehicle Capabilities on Monitoring the Impact of Climate Changes	<b>Rahman A.A.A.</b> Institute for Environment & Development (LESTARI), Universiti Kebangsaan Malaysia
1336 - 1348	Assessing the Land Use Changes in Langat Basin Area Using Geospatial Approach	<b>Siti Norsakinah. Selamat</b> Institute for Environment & Development (LESTARI), Universiti Kebangsaan Malaysia
1348 - 1400	Soil loss estimation in Langat sub-basin using RUSLE integrated in GIS	<b>Noor Fadzilah Binti Yusof</b> Malaysian Nuclear Agency, Universiti Kebangsaan Malaysia
1400 - 1412	COMPARISON OF SENTINEL 2 AND LANDSAT 8 FOR LAND USE MAPPING ON PENANG ISLAND, MALAYSIA	<b>Zibeon Luhaim</b> Geography Section, School of Humanities, Universiti Sains Malaysia
1412 - 1424	Hydroclimate Response to Land Use and Land Cover Change in the Kelantan River Basin	<b>Tew Yi Lin</b> Geography Section, School of Humanities, Universiti Sains Malaysia
<b>Session C4 (Room #3) Chair-person – Dr. Liew Ju Neng</b>		
1424 - 1436	Activity Concentration of <sup>210</sup> Pb During Northeast Monsoon in Southern South China Sea	<b>Siti Munirah binti Johari</b> Universiti Kebangsaan Malaysia
1436 - 1448	HEAVY METAL SPECIATION OF SEDIMENT IN CHINI LAKE, PAHANG, MALAYSIA	<b>Azhar Abdul Halim</b> Department of Earth Sciences & Environment, Faculty of Science and

		Technology, Universiti Kebangsaan Malaysia
1448 - 1500	Assessment of Gallium and Chromium Contamination of Riverbed sediment in Pahang River, Malaysia	<b>Mohamad Arif Bin Che Abd Rahim</b> Department of Earth Sciences & Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1500 - 1512	BIOSIGNAL INFERENCES FROM CALCAREOUS NANNOPLANKTON IN MIOCENE SEDIMENTS, WESTERN OFFSHORE, NIGER DELTA	<b>Bamidele Samuel Oretade</b> Department of Earth Sciences and Environment, Universiti Kebangsaan Malaysia
1512 - 1524	EFFECTS OF ENVIRONMENTAL PARAMETERS ON BENTHIC DIATOMS COMPOSITION IN TROPICAL MANGROVE SEDIMENTS	<b>Ahmed Awadh Ahmed SAS</b> Department of Earth Sciences & Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia
1524 - 1536	Distribution and Abundance of Foraminifera in Marine Sediment within Pulau Bidong, Terengganu	<b>Ramlan bin omar</b> Department of Earth Sciences & Environment, Faculty of Science and Technology, Universiti Kebangsaan Malaysia