

Day 1 (9 October 2023)				Day 2 (10 October 2023)		
Time	Impiana Halls 1 and 2			Time	Room A - <a href="https://shorturl.at/qtCV3">https://shorturl.at/qtCV3</a>	
08:00 AM	Registration			09:00 AM	Keynote Address 3 (Online) by Prof. Dr. Tavio	
09:00 AM	Welcoming Remarks & Opening Ceremony			10:00 AM	Keynote Address 4 (Online) by Prof. Ir. Ts. Dr. Adnan Zainorabidin	
09:15 AM	Keynote Address 1 by Dato' Jana Santhiran Muniayan			10:45 AM	Coffee Break	
09:45 AM	Keynote Address 2 by Prof. Dr. Obiya Hiroyuki			<b>Parallel Technical Sessions 4</b>		
10:15 AM	Coffee Break			Time	<b>Mawar Room</b>	<b>Melati Room</b>
<b>Parallel Technical Sessions 1</b>				09:00 AM	79	40
Time	<b>Mawar Room</b>	<b>Melati Room</b>	<b>Jasmin Room</b>		105	48
11:00 AM	18	5	3		110	53
	20	6	4		114	78
	29	8	17			81
	30	9	28			125
	57	26	75	10:45 AM	Coffee Break	
	99	27	107	<b>Parallel Technical Sessions 5</b>		
		47	134	Time	<b>Mawar Room</b>	<b>Melati Room</b>
		90	31	11:00 AM	45	21
01:00 PM	Lunch Break				46	36
<b>Parallel Technical Sessions 2</b>					97	80
Time	<b>Mawar Room</b>	<b>Melati Room</b>	<b>Jasmin Room</b>		55	86
02:00 PM	25	33	11			102
	39	34	91			121
	51	65	115	01:00 PM	Lunch / End of Day 2	
	52	66	118	Note:		
	135	132		a. The numbers indicate the Paper ID.		
03:30 PM	Coffee Break			b. Scroll down for full details of the Paper Title and Author.		
<b>Parallel Technical Sessions 3</b>				c. Each presentation slot is 15 minutes long (inclusive of Q&A).		
Time	<b>Mawar Room</b>	<b>Melati Room</b>	<b>Jasmin Room</b>	d. Registration begins at 8:00 AM outside Impiana Halls 1 & 2 on Level 2.		
03:45 PM	13		1	e. Impiana Halls 1 and 2 are located on Level 2.		
	16		35	f. Mawar, Melati and Jasmin Rooms are located on Level 1.		
	124		54	g. For online presentations the links to Rooms A, B and C are as follows:		
	42		61	Room A : <a href="https://shorturl.at/qtCV3">https://shorturl.at/qtCV3</a>		
	56		60	Room B : <a href="https://shorturl.at/bouDT">https://shorturl.at/bouDT</a>		

	58		98
05:00 PM	End of Day 1		

Room C : <https://shorturl.at/nszRU>

- h. Keynote Addresses 3 and 4 will be conducted online using Room A.
- i. Mawar Room (formerly known as Room 1), Melati Room (Room 2) and Jasmin Room (Room 3).

Day 1 (9 October 2023)			
Online Presentation			
Time	Room A	Room B	Room C
11:00AM	10	24	49
	14	32	50
	15	85	69
	63	108	120
	71	116	137
	82	122	83
	93	123	112
	111	138	59
		103	
01:00 PM	Break		
Time	Room A	Room B	Room C
02:00 PM	19	2	127
	37	7	128
	70	23	129
	72	136	126
	84	89	130
	100	101	131
	104	113	43
	106	119	139
38	62		
05:00 PM	End		

DAY ONE			
<b>Mawar Room</b>	Date:	9 October 2023	
	Time:	11:00 AM - 01:00 PM	
	Session Chair:	Dr. Noorwirdawati Ali	
		Parallel Technical Sessions 1	<b>9 OCT</b>

PAPER ID	PAPER TITLE	AUTHORS
18	Impact of COVID-19 on Construction Projects: Challenges and Opportunities	Mohammed F.M. Abushammala & Siham Farrag
20	Construction Asset Management: Challenges of Construction Asset Management and Its Improvement Approaches	Norpadzlihatun binti Manap, Yaw Suet Xin & Noralfishah Sulaiman
29	Performance of High Strength Concrete Containing Fine Metakaolin, Palm Oil Fuel Ash and Coal Bottom Ash as Substitute Material Towards Mechanical Properties	Masni A Majid, Nurazuwa Md Noor, Mohd Hanif Ismail, Nur Anis Natasha Che Rahim & Muhammad Nur Rasyid bin Abu Bakar
30	Strength and Heat Emissions Performance of High Strength Concrete Containing Fine Metakaolin & Palm Oil Fuel Ash as Partial Cement Replacement	Masni A Majid, Nurazuwa Md Noor, Mohd Hanif Ismail, Nur Anis Natasha Che Rahim & Muhammad Nur Rasyid bin Abu Bakar
57	Embodied Carbon Consideration for Maintenance & Repair Appraisal in Heritage Building : A Review	Azeanita Suratkon, Sushilawati Binti Ismail & Muhammad Shafiq Bin Mahmad
99	Exploring Lift Car Defects: An Examination of Common Defects and The Possible Causes	Siti Nurul Ainun Bt Mohd Mustafa, Noor Syafiqah Mohd Sabri, Norishahaini Mohamed Ishak & Nurul Najihah Mad Rosni

DAY ONE			
Melati Room	Date: 9 October 2023 Time: 11:00 AM - 01:00 PM Session Chair: Ir. Ts. Dr. Mohd Firdaus bin Md. Dan@Azlan	Parallel Technical Sessions 1	9 OCT
PAPER ID	PAPER TITLE	AUTHORS	
5	The Use of Geoelectrical Resistivity Methods to Detect the Potential Landslides in Payung, Batu City, Indonesia	Muhammad Fathur Rouf Hasan, Prof. Adi Susilo, Eko Andi Suryo & Arliandy Pratama	
6	A Review of Conductive Additives for Enhancing the Electrical Properties of Self-Sensing Asphalt	Arsalaan Khan Yousafzai, Muslich Hartadi Sutanto, Muhammad Imran Khan, Nura Shehu Aliyu Yaro, Abdul Muhaimin Memon, Muhammad Tariq Khan, Muhammad Adeel Arshad	
8	Multifunctional Porous Pavement Prototype for Urban Pluvial Flood Protection: Preliminary Findings on Contribution of Attitudes to Acceptance Willingness toward Proposed Scientific and Engineering Solutions	Snezana Svetozarevic, Vladana Rajaković-ognjanović, Branislava Lekic & Aleksandar Savic	
9	Instrumented Pile Load Tests in Limestones and Granite Formations – Case Studies with Optical Fibre Strain Sensors	Hisham Mahamad, Aizat Akmal A M Beddelee, Bun Pin Tee	
26	Geobamtile to Support Road Embankment Over Deep Soft Ground	Adnan Zainorabidin, Nasfiza Binti Mokhtar & Kaw Sai Low	
27	Prediction Model of Hydraulic Conductivity for Sedimentary Residual Soil Mixed Bentonite as Compacted Clay Liner	Zainuddin Atiqah Najwa, Norazlan Khalid, Mazidah Mukri & Nor Zain	
47	Influence of Particle Size for Malaysia Peat to The Cyclic Triaxial Loading Parameters	Adnan Zainorabidin, Siti Nurul Aini binti Zolkefle, Ang Koh Ann, Habib Musa Mohamad & Kasbi bin Basri	
90	The Effect of Different Degree of Compaction Towards Electrical Resistivity Value for Cohesive Soil	Ahmad Khairul Abd Malik, Aziman Madun, Mohd Firdaus Md Dan, Faizal Pakir & Mohd Khaidir Bin Abu Talib	

DAY ONE			
<b>Jasmin Room</b>	<b>Date:</b>	<b>9 October 2023</b>	
	<b>Time:</b>	<b>11:00 AM - 01:00 PM</b>	
	<b>Session Chair:</b>	<b>Ir. Dr. Goh Wan Inn</b>	
		<b>Parallel Technical Sessions 1</b>	<b>9 OCT</b>
PAPER ID	PAPER TITLE	AUTHORS	
3	Compressive Strength of Nano-Bio Concrete	Muyideen Oladimeji Abdulkareem	
4	Effect of CGW Addition on the Physical, Mechanical, Acoustic and Fire Resistance Properties of Autoclaved Aerated Concrete	Efil Yusrianto, Noraini Mars, Izzati Abdul Manaf & Hafizuddin Hakim Shariff	
17	Utilisation of Industrial Waste Materials in The Production of Geopolymer Concrete	Mohammed F.M. Abushammala, Siham Farrag & Ibrahim Al-Balushi	
28	Evaluation of Compressed Earth Block (CEB) with the utilization of Durio Zibethinus Fiber (DZF)	Nur Masyitah Osman	
75	Compressive Strength, Water Absorption and Morphology of High-Alumina Ladle Furnace Slag Blended Cement Mortar Subjected to Short-Term Steam Curing Regime	KH Mo, Suhana binti Koting, Yong Chee Lok & Haider Hamad Ghayeb	
107	High-Density Geopolymer Using Slag and POFA Based Geopolymer Concrete: Engineering Properties	Ahmed Mahmoud Alnahhal, Mohamad Afisyahmi Bin Rushdi Amir, U. Johnson Alengaram, Mohamed Tarek, Safari Mat Desa, Muhammad Shazril Idris Ibrahim	
134	The Use of Coffee Waste in Bio-Foamed Concrete Brick (B-FCB) To Reduce the Penetration of Carbon Dioxide (CO <sub>2</sub> ) into Concrete	Abdullah Faisal Alsharif, Y.M. Azri, J. M. Irwan, Mutafi. A, Honin Ali Yahya Alshaeer, S.J.S.Hakim	
31	Computational Study on Lightweight Concrete Beam Incorporating Palm Oil Fuel Ash (POFA) And Mussel Shell Ash (MSA) As Partial Cement Replacement	Sufian Kamaruddin & Goh Wan Inn	

DAY ONE			
<b>Mawar Room</b>	<b>Date:</b>	<b>9 October 2023</b>	
	<b>Time:</b>	<b>02:00 PM - 03:30 PM</b>	
	<b>Session Chair:</b>	<b>Ir. Ts. Dr. Tong Yean Ghing</b>	
		<b>Parallel Technical Sessions 2</b>	<b>9 OCT</b>
PAPER ID	PAPER TITLE	AUTHORS	
25	Forensic Analysis for Slope Failure Case of Housing Area at Cikarang, West Java Indonesia	Muhammad Fathur Rouf Hasan & P A M Agung, Prof. Adi Susilo, Eko Andi Suryo & Mustaffa Anjang Ahmad	
39	Investigation of Soil and Plant Nutrients in Residential Area in Parit Rasipan Drainage System	Rafidah Hamdan, Muhammad Hafiq Afifi Azman & Muhammad Safwan Miswan	
51	Using Unmanned Aerial Vehicle (UAV) for a Safer Roof Inspection at Tunku Tun Aminah Library	Sr. Dr. Anuar bin Mohd Salleh, Nur Adlina & Nur Ayu Ardilla Mohd Zin	
52	Landslide Monitoring by using Terrestrial Laser Scanning	Sr. Dr. Anuar bin Mohd Salleh & Nurul Riffqah	
135	Green Roof Thermal Performance of Small-Scale Prototype using IES-VE Simulation in Tropical Climatic Condition	Mohamad Norfekry Md Yacob, Hartini binti Kasmin, Siti Nazahiyah Rahmat, Nurul Nadrah Tukimat & Ariff Nazri	
76	Compressibility Behavior of Marine Clay Treated by Combination of Coal Ash And Cement	Mohd Firdaus Md Dan, Aziman Madun & Faizal Pakir	

DAY ONE			
<b>Melati Room</b>	<b>Date:</b>	<b>9 October 2023</b>	
	<b>Time:</b>	<b>02:00 PM - 03:30 PM</b>	
	<b>Session Chair:</b>	<b>Prof. Madya Sr. Dr. Mustaffa bin Anjang Ahmad</b>	
		<b>Parallel Technical Sessions 2</b>	<b>9 OCT</b>
PAPER ID	PAPER TITLE		AUTHORS
33	Assessment of Permanent Deformation on Asphalt Mixtures Incorporating Forta-Fi fibre as Additive Material		Mohamad Yusri Aman
34	Carbon Monoxide Emission and Eco-Driving for Freight Sustainability		Ruslan Hassan
65	The Effect of Aggregate Micro and Micro Texture on Pavement Skid Resistance		Mohamad Yusri Aman, Mohammad Nasir Mohamad Taher & Hazirah Bujang
66	Redefining User Experience: A Study of Free-Fare Buses and Its Service Quality in Johor, Malaysia		H Zakaria, M Md. Rohani, N Nordin, K Ambak, M F Mohd Pozi and N F A Mohd Rashidi
132	Performance Analysis of Roundabout using SIDRA, a Micro-Analytical Software		Nasradeen Ali Khalifa Milad, Ahmad Raqib Ab Ghani & Goh Chua Chien

DAY ONE			
<b>Jasmin Room</b>	<b>Date:</b>	<b>9 October 2023</b>	
	<b>Time:</b>	<b>02:00 PM - 03:30 PM</b>	
	<b>Session Chair:</b>	<b>Prof. Madya Ts. Dr. Rafidah binti Hamdan</b>	
		<b>Parallel Technical Sessions 2</b>	<b>9 OCT</b>
PAPER ID	PAPER TITLE		AUTHORS
11	Optimization of Eco-Waste Synthesis in Zinc Oxide-Graphene Oxide For Cephalexin Antibiotics Removal		Radin Maya Saphira binti Radin Mohamed, Nurul Atikah binti Heshammuddin & Muhammad Thaif bin Mohd Zailan
91	Reduction of Ammoniacal Nitrogen, COD and Color from Natural Rubber Industry Effluent Using Bentonite as Adsorbent		Mohamad Anuar Kamaruddin, Zawawi Daud, Mohd Baharudin Ridzuan & Nur Faizan Mohamad Rais
115	Anaerobic Digestion of Landfill Leachate Wastewater Using Electrogenic Bacterial Species		Show Pau Loke, SK Hanan Rahman, Joshua Yap Lip Vun, Chiew Lin Yap & Chan Yi Jing
118	20 Years of Air Pollutant Index Trend Analysis in Kuching, Sarawak (2000-2019)		Hisyammudin Maseri, Siti Hasyiyati Drahman, Maqueline Cyndi Nap & Zetty Baiduri Hossen

DAY ONE			
<b>Mawar Room</b>	<b>Date:</b>	<b>9 October 2023</b>	
	<b>Time:</b>	<b>03:45 PM - 05:00 PM</b>	
	<b>Session Chair:</b>	<b>Ts. Dr. Zeety binti Md. Yusof</b>	
		<b>Parallel Technical Sessions 3</b>	<b>9 OCT</b>

PAPER ID	PAPER TITLE	AUTHORS
13	Load Test Performance of Bored Pile with Distributed Fibre Optic Strain Sensing	Bun Pin Tee, Hisham Mohamad, Aizat Akmal Bin A.Mohamad Beddelee
16	Instrumented Pile Load Test: Analysing Measurement Anomaly at the Pile Head	Aizat Akmal Bin A.Mohamad Beddelee, Hisham Mohamad, Bun Pin Tee, Muhammad Yusoff b Mohd Nasir
124	Exploring the Effects of Reinforcement Ratio on Concrete Rigid Pavement Structure in Malang, Indonesia: Experimental Study and Analysis	Nawir Rasidi, Candra Aditya & Sri Wiwoho Mudjanarko
42	Fatigue of Notched Steel Hollow Sections Under Sinusoidal Cyclic Loading	Zainorizuan Mohd Jaini, Kunitomo Sugiura, Akihiko Sato, Muhamad Fairuz Nadzmie Badrul Azman
56	The Effect on Tensile and Surface Morphological Properties of Oil Palm Empty Fruit Bunch Fibre Through Hot Water Treatment	Emedya Murniwaty Samsudin, Nik Mohd Zaini Nik Soh, Hasniza Abu Bakar & Astimar Abd Aziz
58	A Foundational Study on Rational Optimization of Damping Ratio for Accurate Dynamic Simulation with Ultra Large Displacement	Erjon Krasniqi, Ryuki Nagano, Muhammad Nizam bin Zakaria & Hiroyuki Obiya

DAY ONE			
<b>Melati Room</b>	<b>Date:</b>	<b>9 October 2023</b>	<b>Parallel Technical Sessions 3</b>
	<b>Time:</b>	<b>03:45 PM - 05:00 PM</b>	
	<b>Session Chair:</b>		<b>9 OCT</b>
PAPER ID	PAPER TITLE	AUTHORS	

DAY ONE			
<b>Jasmin Room</b>	<b>Date:</b>	<b>9 October 2023</b>	<b>Parallel Technical Sessions 3</b>
	<b>Time:</b>	<b>03:45 PM - 05:00 PM</b>	
	<b>Session Chair:</b>	<b>Dr. Nor Amani Filzah bte Mohd Kamil</b>	<b>9 OCT</b>
PAPER ID	PAPER TITLE	AUTHORS	
1	Effect of Bacteria Inoculation in Solidification/Stabilization Matrices for Fibreboard Wastewater Sludge	Nor Amani Filzah, Muhammad Hasanuddin Mohd Kamal, Nurul Nasuha Mohd Rais & Muhammad Afiq Nuqman Shahrurizan	

35	Application of Nanobubbles in Floating Kinetics Models for Efficient Oil Removal from Produced Water	Radin Maya Saphira binti Radin Mohamed, Mohd Adib Mohammad Razi, Mohd Hairul Khamidun, Umi Fazara Md Ali & Mohammad Faizal Che Daud
54	Datum Verification for Coastal Engineering Studies	Mustaffa Anjang & Ahmad Hazmi Hamdan
61	Application of Fish-Integrity Biological Index and Water Quality Index to Assess the Ecological Health of the Pahang River, Malaysia	Mohd Adib Mohammad Razi, Mohd Shalahuddin Adnan & Zulkifli Abdul Rashid
60	Rainfall Projection Using CMIP6 Models of Extreme Area in Johor	Siti Nazahiyah Rahmat, Nurul Nadrah Tukimat & Hanafi Hamid
98	Potential Groundwater Investigation Using Electrical Resistivity Imaging for Industrial Facilities in Gebeng, Malaysia	Muhammad Farhan Zolkepli, Solahuddin Daud, Mohd Fakhurrazi Bin Ishak & Muhammad Afiq Jazrin Bin Mohamad Sidek

DAY ONE				
Room A		<b>Date:</b> 9 October 2023 <b>Time:</b> 11:00 AM - 01:00 PM <b>Session Chair:</b> Dr. Norhafizah bte Salleh <b>Link:</b> <a href="https://shorturl.at/qtCV3">https://shorturl.at/qtCV3</a>	Online Presentation	9 OCT
PAPER ID	PAPER TITLE	AUTHORS		
10	Insights on Sustainable Elements in Ancient Iraq: A Systematic Review	Ahmed Abbas Fadhil & Izudinshah		
14	Exploring the Conceptual Framework of Sustainable Urban Planning: A Case Study of Marib, Yemen	Izudinshah & Redhwan Ayedh Ali Al-hakari		
15	Factors Influencing of Construction Projects Success: A Case Study of Social Development Fund (SFD) Mukalla Branch in Yemen	Saleh Mohammed Mubarak AL-Bakri AL-Nasi & Sushilawati Binti Ismail		
63	A Review on Crisis Management Using Big Data Analytics Towards A Safe And Sustainable City	Norpadzlihatun binti Manap & Ahmad Albastaki		
71	Augmenting Project Management Knowledge Areas through Technological Mediation: Contractor Perspectives	Nikolaos Voulvoulis, Norpadzlihatun binti Manap, Noralfishah Sulaiman, Ahmad Albastaki & Khor Chee Ying		
82	Risk Evaluation of Health and Safety Procedures in Oil Refinery and Onshore Pipeline Construction Projects: Structural Equation Modelling Approach	Nasir Shafiq, Ahsan Waqar & Idris Othman		
93	Developing a Conceptual Framework of Building Maintenance Driving Factors for Effective Heritage Building Maintenance Programme in Malaysia	Syed Burhanuddin Hilmi Syed Mohamad, Azeanita Suratkon, Muhammad Nizam Bin Zakaria, Mohammad Ashraf Bin Abdul Rahman & Rafikullah Bin Deraman		
111	A Review on Consideration Need for Ventilation System in Commercial Kitchen	Salawati Dahlan & Zamri Noranai		

DAY ONE				
Room B		<b>Date:</b> 9 October 2023 <b>Time:</b> 11:00 AM - 01:00 PM <b>Session Chair:</b> Dr. Noor Azlina Abdul Hamid <b>Link:</b> <a href="https://shorturl.at/bouDT">https://shorturl.at/bouDT</a>	Online Presentation	9 OCT

PAPER ID	PAPER TITLE	AUTHORS
24	Multi-Objective Optimization of External Window Design Parameters of Green Buildings Considering Energy Utilization in Hot Summer and Warm Winter Areas	Guomin Wei & Minghe Li
32	Developing a Conceptual Model to improve the Implementation of Agile Management Principles in UAE Construction Projects	Azeanita Suratkon & Mohammed Al-Yamaha
85	Blockchain in Building Information Modelling (BIM): Potential, Challenges, and Strategies	P F Wong, Mee San Kiu & Kang Xian Lim
108	Concrete's Metakaolin Potential: A Review	Zalipah Binti Jamellodin, Noor Azlina Abdul Hamid, Norhafizah Salleh & Mohd Amirul Hisham Bin Kamal
116	Crack Width Behaviour of High-Performance Fiber Reinforced Concrete Slabs Affected by Steel Fiber Composition	Krisnamurti Krisnamurti
122	Effect of Green Mussel (Perna Veridis) Shell Powder as Partial Fine Aggregate Replacement in Concrete	Noor Azlina Abdul Hamid, Nor Hazurina Othman, Sallehuddin Shah Ayop, Noralfishah Sulaiman & Muhammad Shabery Sainudin
123	Determinants of Project Time Extension Factors in the Construction of Building Projects in Pakistan	Muhammad Fikri Hasmori, Sasitharan A/L Nagapan, Irfanullah & Ilias Said & Nor Haslinda Abas
138	Alternative Replacement Materials	Farzaneh Moayed
103	Strengthening RC Beams with Circular Post-Opening in Shear Zone by Externally Bonded CFRP	Noor Azlina Abdul Hamid

DAY ONE					
<b>Room C</b>	<b>Date:</b>	<b>9 October 2023</b>		<b>Online Presentation</b>	<b>9 OCT</b>
	<b>Time:</b>	<b>11:00 AM - 01:00 PM</b>			
	<b>Session Chair:</b>	<b>Sr. Ts. Dr. Nazirah binti Mohamad Abdullah</b>			
	<b>Link:</b>	<a href="https://shorturl.at/nszRU">https://shorturl.at/nszRU</a>			
PAPER ID	PAPER TITLE	AUTHORS			
49	Effect of Dual Flocculant by Unmodified Manihot Esculenta Starch and Aluminium Sulphate on the Removal of Chemical Oxygen Demand Optimized by Response Surface Methodology	N Othman, Sofiah Rahmat, Shahrul Nizam Ahmad & Syazwani Mohd Asharuddin			
50	Simultaneous Removal of Turbidity, Suspended Solids and Chemical Oxygen Demand from Carwash Wastewater Using Aluminium Electrodes in Monopolar Mode Electrocoagulation	Nur Adila Ab. Aziz & Andi Murayip			
69	The Optimization of PSB for Water Quality Improvement	Muhammad Salleh bin Abustan, Siti Hidayah Abu Talib, Syarifah Intan Najla Syed Hashim & Dalilah Natasya Hamzah			
120	Degradation of Chemical Oxygen Demand, Suspended Solids and Ammoniacal Nitrogen from Sewage by Sweet Potato Peel Coagulant under the Influence of pH	N S M Zin, Nor Azliza Akbar, Fakhurrabi Bin Ishak, N M M N Jismi & Amirul Najmi Ahamad Nazari			
137	Ability of Ceramic Composite Beads as a Pre-treatment for Laundry Wastewater and Preparation of the Process	Siti Asmah Bakar, Nurlyana Syahira, Sabariah Musa, Radin Maya Saphira Binti Radin Mohamed, Mohd Hairul Khamidun & Adel Al-Gheethi			
83	Reviewing the Benefits to Promote Sustainable Retirement Villages in Malaysia	Farah-Ajlal Julaihi, Syamimi Liyana Amat Rais, Ruth Lua Ejau, Nur Illiana Husin and Azah Farizah Redzuan			
112	Strengthening the Resilience Adaptability for Critical Asset Protection	Ezdihar Hamzah, Mohd Nadzri Bin Jaafar & Hariati Abdullah Hashim			



59	Spatial and Temporal Analysis of Marine Water Pollution in Port: Developing A GIS Database for Assessing Patterns and Trends	Nazirah Mohamad Abdullah, Badrul Hisham bin Ismail, Izyan Hakimah Kamar Supardi & Astina Binti Tugi
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DAY ONE			
Room A	<b>Date:</b> 9 October 2023 <b>Time:</b> 02:00 PM - 05:00 PM <b>Session Chair:</b> Mrs. Noor Aliza bte Ahmad <b>Link:</b> <a href="https://shorturl.at/qtCV3">https://shorturl.at/qtCV3</a>	Online Presentation	9 OCT
PAPER ID	PAPER TITLE	AUTHORS	
19	Assessing The Impact of Lithological and Geological Features on Electrical Resistivity Tomography (ERT) at Kelantan River Basin	Muhammad Nizam Bin Zakaria, Saiful Azhar bin Ahmad Tajudin, Muhammad Nur Hidayat bin Zahari & Abdul Aziz bin Jamaludin	
37	A Comprehensive Review of Studies Focusing on the Intersection of Urban Flooding and Historic Urban Landscapes	Mohd Adib Mohammad Razi, Mo Wang & Jin Su	
70	A Simulation of Flood Hazard Map to Mitigate Heavy ARI Flood in Sungai jijan, Negeri Sembilan, Malaysia	Mohd Baharudin Ridzuan & Abdul Qayyum Asyraf	
72	Retention Pond as an Alternative to Mitigating Runoff and Sustainable Water Source at Jember University	Entin Hidayah, Fidyasari Kusuma Putri & Mokhammad Farid Ma'ruf	
84	Tsunami Risk Mapping in Tempurejo District, Jember Regency based on BNPB Criteria using TOPSIS Method	Retno Utami Agung Wiyono, Entin Hidayah & Andri Pujianto	
100	Application of Multinomial Logistic Regression Toward Adaptive Reuse of Pre-war Shophouses	Nur Ain Ebas, Muhamad Shahril bin Mohd Abdullah, Muhammad Ammar bin Shafi & Mohd Saifullah bin Rusiman	
104	An Overview of Coastal Erosion Monitoring Along the Coast of Negeri Sembilan, Malaysia	Mohd Adib Mohammad Razi, Isha Baizura Ismail & Ahmad Zaidi Bin Mispan	
106	Assessment of The Sub-Urban Drainage System Resilience on The Increased Flooding Scenario using Storm Water Management Model (SWMM)	Lukman Mohd Najib, Norazlina Bateni & Darrien Mah Yau Seng	
38	A Low-Cost Innovation Design for Portable Rubbish Cage Trap (PRCT) in Drain System	Noor Aliza Ahmad, Zarina Md Ali & Intan Nurliya Zainal	

DAY ONE			
Room B	<b>Date:</b> 9 October 2023 <b>Time:</b> 02:00 PM - 05:00 PM <b>Session Chair:</b> Dr. Nurul Hidayah binti Mohd Kamaruddin <b>Link:</b> <a href="https://shorturl.at/bouDT">https://shorturl.at/bouDT</a>	Online Presentation	9 OCT
PAPER ID	PAPER TITLE	AUTHORS	
2	Noise Emissions Mapping from Ampang Line LRT	Kamarudin Ambak, N S A Sukor, Muhamad Nazri Borhan, Adilah Binti Arbaan & Mohd Hanifi Bin Othman	
7	A Review of Dominant Factors Project Manager Competency in Various Implementations of the Construction Industry	Mohd Norazam Yasin, Rahmat & Adriadi	

23	A Review of Potential Coconut Shell in Increasing CBR Value of Subgrade Soil	Jestin Jelani
136	Thermal Comfort Of Student In Classroom With Elevated Set Point Air-Conditioner Temperature: Objective and Subjective Measurement	Sarah Nazurah Abdul Rahim, Mohd Azuan Zakaria, Mohd Norazam Yasin & Mohd Hafizal Bin Hanipah
89	Stabilization of Soft Soil with Rice Husk and Coconut Fibre	Noorasyikin Binti Mohammad Noh, Muhammad Hasif Zulkafim & Muhammad Lutfi Fitri Bin Mohd Roslan
101	The Implementation of AutoCAD® Civil3D for Highway Geometric Redesign: A Case of Indonesia Toll Road	Andri Irfan Rifai, Joewono Prasetijo & Eko Junia Purviyanto
113	Innovative VIBROSTAB Geo-Technology : Combining Vibrofloatation and Stabilisation with Waste Glass Powder Adoption	Chan Chee Ming, Tuan Noor Hasanah Tuan Ismail, Akmal Hafiz Nurhaizal Azam, Farah Aisyah Mohamed Kamal & Julia Elisya Mohd Azman
119	Analytical Study on Effect of Groundwater Table and Rainfall Infiltration on The Stability and Performance of Muar Trial Embankment by Using PLAXIS 2D	Sim Min Loung, Felix Ling & Zaihasra Abu Talib
62	Chemical Characterization of Asphalt Binder Containing Palm Oil Mill Sludge	Nurul Hidayah MK

**DAY ONE**

<b>Room C</b>	<b>Date:</b>	<b>9 October 2023</b>	<b>Online Presentation</b>	<b>9 OCT</b>
	<b>Time:</b>	<b>2:00 PM - 05:00 PM</b>		
	<b>Session Chair:</b>	<b>Prof. Madya Ir. Ts. Dr. Nor Haslinda bt Abas</b>		
	<b>Link:</b>	<a href="https://shorturl.at/nszRU">https://shorturl.at/nszRU</a>		
<b>PAPER ID</b>	<b>PAPER TITLE</b>	<b>AUTHORS</b>		
127	Stability of Orthotropic Runway Plate under The Combination In-Plane and Transversal Dynamic Loads on Kerr Foundation Soil Modelling	Teuku Muhammad Rasyif, Muhammad Daffa Fachrur Reza & Sofia W Alisjahbana		
128	Dynamic Response of Orthotropic Plate Due to Local Friedlander Blast Loads On Kerr Foundation Soil Modeling	Muhammad Nuzulul Furqan, Teuku Muhammad Rasyif & Sofia W Alisjahbana		
129	Optimization of Floor Plate Design for Building under Human Activity Loads to Achieve Occupant Comfort	Teuku Muhammad Rasyif, Lisa Rosanti & Sofia W Alisjahbana		
126	Utilization of Dry Tailing as Mortar Filler in Bricks	Devina Cintiya, Fatin Adriati, Mohammad Ihsan & Teuku Muhammad Rasyif		
130	Utilization of Dry Tailings as Filler in Concrete Mixtures	Fatin Adriati, Mohammad Ihsan, Teuku Muhammad Rasyif & Andri Abas		
131	The Utilization of Dry Tailings as Filler for Concrete Bricks (Paver Blocks)	Ikha Rahmawati, Fatin Adriati, Mohammad Ihsan & Teuku Muhammad Rasyif		
43	The Effectiveness of Building Information Modelling (BIM) in Solving Railway Project Management Issues in Malaysia	Peniel Ang, Roslinda Ali & Mohamad Hafiz Zaini		
77	Predictive Model for Corrective Maintenance Costs: Empowering Decision-Making in Building Renovation	Ali Hauashdh		
139	Predictive Modelling for Concrete Strength Prediction using Linear Regression Algorithm	Nickholas Anting Anak Guntor, Faisal Sheikh Khalid, Alvin Lim, Mohd Aliff Mohd Anuar & Joewono Prasetijo		

DAY TWO			
<b>Mawar Room</b>	<b>Date:</b>	<b>10 October 2023</b>	<b>Parallel Technical Sessions 4</b>
	<b>Time:</b>	<b>09:00 AM - 10:45 AM</b>	
<b>Session Chair:</b>	<b>Dr. Noorwirdawati Ali</b>		
PAPER ID	PAPER TITLE		AUTHORS
79	Towards Greener Concrete: A Comprehensive Review of Waste Glass Powder as a Partial Fine Aggregate Substitute		Shahrul Niza Bin Mokhtar, Seyed Jamalaldin Seyed Hakim, Tuan Norhayati Tuan Chik, Tong Yean Ghing & Ahmad Fahmy Kamarudin
105	The Performance of Cement Sand Brick Containing Kenaf Powder as Sand Replacement Materials		Sallehuddin Shah Ayop & Umar Arif Redzuan Umar Radzi
110	Damage Plasticity Model for Green Concrete Material		Noridah bt Mohamad & Mohamad Zulhairi Mohd Bosro
114	Mechanical and Thermal Performance of Pineapple Leaf Fibre (PALF) as Admixture in Interlocking Compressed Earth Brick (ICEB)		Mohd Norazam Yasin, Ruzaimah Razman, Nur Anis Dzulkiflee, Nazirul Hafiz Saifulbahri & Suhana Hassan

DAY TWO			
<b>Melati Room</b>	<b>Date:</b>	<b>10 October 2023</b>	<b>Parallel Technical Sessions 4</b>
	<b>Time:</b>	<b>09:00 AM - 10:45 AM</b>	
	<b>Session Chair:</b>	<b>Dr. Basil David Daniel</b>	
			<b>10 OCT</b>
PAPER ID	PAPER TITLE		AUTHORS
40	Prediction of N-value of Parit Raja Clay based on Empirical Formulation of Primary Velocity and SPT-N value		Aizat Mohd Taib, Dayang Zulaika Abang Hasbollah, Mohd Firdaus Md Dan & Noorasyikin Binti Mohammad Noh
48	Assessment of Slope Mapping by Using Unmanned Aerial Vehicle (UAV)		Mustaffa Anjang Ahmad, Muhammad Dzikri, Mohd. Juraidi Bin Ahmad & Muhammad Azim Bin Khairul Kahar
53	Stabilization of Peat Using Sugarcane Bagasse Ash (SCBA) and Cement as A Stabilizer		Zeety Md Yusof, Mohd Firdaus Md Dan, Aziman Madun & Mohd Khaidir Bin Abu Talib
78	Measurement Uncertainty Evaluation in Soil Liquid Limit Testing		Alvin Lim & Lua Keng Leong
81	What Influences Parents' Decisions to Use Sustainable Mode (Public Bus) with Their Children? A Case Study in Batu Pahat, Johor		Basil David Daniel, Nursitihazlin Ahmad Termida, Mohd Hanifi Bin Othman & Nur Azyan Syafiqah Mohd Yahya
125	Factors Influencing Students' Choice of Sustainable Transportation Modes on University Campuses		Nursitihazlin Ahmad Termida, Nasradeen Ali Khalifa Milad, Goh Chua Chien & Norahmarfarain Ahmad

DAY TWO			
<b>Mawar Room</b>	<b>Date:</b>	<b>10 October 2023</b>	<b>Parallel Technical Sessions 5</b>
	<b>Time:</b>	<b>11:00 AM - 01:00 PM</b>	
	<b>Session Chair:</b>	<b>Dr. Tuan Norhayati Tuan Chik</b>	
			<b>10 OCT</b>

PAPER ID	PAPER TITLE	AUTHORS
45	Wave Climate Analysis for Shoreline Management Plan in Kelantan, Malaysia	M A M Yusoff, E H H Al-Qadami, M A M Razi, M Wang, A Mokhtar & M Mahamud
46	The Efficiency Removal of Oil in Water (OIW) By Application of Milliscale Air Bubbles	Mohd Adib Mohammad Razi & Muhammad Fadhli Mohd Yusof
97	Shoreline Condition and Protection at the Coast of Kedah, Malaysia; A Case Study	W-M Wan-Afnizan, E H H Al-Qadami, M A M Razi, N A Aminon, M Mahamud & A Aziz
55	A Review of Structural Health Monitoring in Heritage Building due to Cracking Issues	N A Yusoff, Seyed Jamalaldin Seyed Hakim, Tuan Norhayati Tuan Chik, Izzati Aini Mahamood & Nor Aiza Erme Mohamad

DAY TWO			
<b>Melati Room</b>	<b>Date:</b>	<b>10 October 2023</b>	<b>Parallel Technical Sessions 5</b>
	<b>Time:</b>	<b>11:00 AM - 01:00 PM</b>	
<b>Session Chair:</b>	<b>Dr. Zaihasra Abu Talib</b>		
	<b>10 OCT</b>		
PAPER ID	PAPER TITLE	AUTHORS	
21	Campus Walkability: Enhancing Pedestrian Safety Through Installation Of Raised Crosswalks	Aleeya Erdyna Mohd Noor Azmi & Basil David Daniel	
36	Sustainable Performance of Industrialised Building Systems in the Construction Phase	Nor Haslinda Abas	
80	The Performance of Steel Fibre Reinforced Concrete With Waste Glass As Partial Replacement of Fine Aggregate	Noorwirdawati Ali & Abdifitah Mohamed Yusuf	
86	The Effect of External Load to Slope Stability using Slope/W in FT 006, Section 61.50, Pulau Pinang	Zaihasra Abu Talib & Mohd Akmal Kamal Arrifin	
102	Deformation of Peat Soil Reinforcement Settlement Using Single - Layer Bamboo Dendrocalamus Asper	Zeety Md Yusof, Nurul Aina Khairul Anuar, Adnan Zainorabidin, Mohd Khaidir Abu Talib, Mohd Firdaus Md Dan @ Azlan, Noorasyikin Mohammad Noh	
121	Teachers' perception of urban noise in the classroom: Case Study in Mukah, Sarawak	Seyed Jamalaldin Seyed Hakim, Yean Ghing Tong & Aurelia Paul	