

Monday, 14 September 2026				
Time	Venue: Big Stage, Level 2, Tunku Tun Aminah Library Live Stream: https://www.youtube.com/watch?v=eF1tmKiQCbE			
08:30 AM	Registration			
09:00 AM	Welcoming Remarks & Opening Ceremony			
09:30 AM	Keynote Address 1 by Mohd Nazir bin Mohd Nor			
10:00 AM	Keynote Address 2 by Prof. Eur Ing. Ir. Ts. Dr. Shahiron bin Shahidan			
10:30 AM	Keynote Address 3 by Assoc. Prof. Dr. Daisuke Tanikawa			
11:00 AM	Break			
11:15 AM	Plenary Session			
12:30 PM	Lunch & Networking Session (Dewan Jamuan, Level 5)			
Parallel Technical Sessions 1 (Venue: Level 1, FKAAB)				
Time	Room 1	Room 2	Room 3	Room 4
02:00 PM	6	2	5	3
	44	14	7	19
	69	21	10	22
	88	25	13	36
	95	32	29	38
	96	20	78	90
		40		
03:30 PM	Tea Break			
Parallel Technical Sessions 2 (Venue: Level 1, FKAAB)				
Time	Room 1	Room 2	Room 3	Room 4
03:45 PM	70	48	1	39
	71	49	52	41
	80	61	56	42
	81	64	77	51
	84	66		60
	89	68		65
		83		
05:00 PM	End of Conference			

Note:

- The numbers indicate the Paper ID.
- Scroll down for full details of the Paper Title and Author
- The opening ceremony, keynote addresses and plenary session will be held at Big Stage, Level 2, Tunku Tun Aminah Library.
- Lunch will be held at Dewan Jamuan, Level 5, Tunku Tun Aminah Library.
- The parallel technical sessions will be held at Level 1, Faculty of Civil Engineering and Built Environment (FKAAB).
- Each presentation slot is up to 15 minutes long (inclusive of Q&A).
- Registration begins at 8:30 AM at Level 2, Tunku Tun Aminah Library.
- For online presentations the links to Rooms A, B and C are as follows:
 - Room A : <https://meet.google.com/dxh-bxsp-dfq> (Session 1: 2:00 - 3:30 PM)
 - Room A : <https://meet.google.com/pdz-jjtc-fzx> (Session 2: 3:45 - 5:00 PM)
 - Room B : <https://meet.google.com/msy-bpbd-hov>
 - Room C : <https://meet.google.com/vjd-ejbx-gcs>

[Directions to Tunku Tun Aminah Library and FKAAB](#)
[FKAAB Floor Plan](#)

Physical Presentation: [Upload Powerpoint File](#)

Online Presentation: [Upload Powerpoint File](#)
[Upload Recorded Video](#)
[Download Backdrop](#)

Wifi: **UTHM Guest**

Register as guest and obtain your password.

[Click here for instructions](#)

Monday, 14 September 2026			
Online Presentations (Session 1)			
Time	Room A	Room B	Room C
02:00 PM	4	24	8
	23	30	16
	34	31	17
	35	33	26
	43	57	27
	63	75	47
	67	87	53
		9	
03:30 PM	Break		
Online Presentations (Session 2)			
Time	Room A	Room B	Room C
03:45 PM	37	11	45
	58	15	97
	59	50	98
	74	73	99
	91	76	100
	93	79	92
	94	86	
05:00 PM	End of Conference		

LEVEL 1, FACULTY OF CIVIL ENGINEERING AND BUILT ENVIRONMENT (FKAAB)					
Room 1	Date: 14 September 2026		Parallel Technical Sessions 1	14 SEP	
	Time: 02:00 PM - 3:30 PM				
	Session Chair: Ir. Dr. HARTINI BINTI KASMIN				
PAPER ID		PAPER TITLE		AUTHORS	
6	Criteria of Gray Third Space for Informal Social Learning: a Review Paper			Jia Haotian, Liu Yuxin, Guan Jing, Jin Deran and Sarah Abdulakreem Salih	

44	Future Tools and Technologies in Indian Cement Industry to tackle Climate Crisis	Arnab Mandal
69	Urban Military Morphology Based on Spatial Development of Magelang City, Indonesia	Refranisa, Edi Purwanto, Arnis Rochma Harani, Wijayanti
88	Assessment of Rainwater Harvesting System (RWHS) Performance from a Small Catchment Roof	Hartini binti Kasmin, N A Kamaruddin, N D A Mohd Shair, S N Rahmat and H Padalilah
95	Preliminary Mechanical Evaluation of Construction Waste Modified Paving Blocks in Lampung Province	Destiana Safitri
96	Preliminary Field Investigation of Irrigation Channel Conditions in Trimomukti Village, South Lampung, Indonesia	Destiana Safitri
	#N/A	#N/A
	#N/A	#N/A

LEVEL 1, FACULTY OF CIVIL ENGINEERING AND BUILT ENVIRONMENT (FKAAB)			
Room 2	Date: 14 September 2026 Time: 02:00 PM - 3:30 PM Session Chair: PROF. MADYA Dr. NUR SHAYLINDA BINTI MOHD ZIN	Parallel Technical Sessions 1	14 SEP
PAPER ID	PAPER TITLE	AUTHORS	
2	Optimisation of Waste Cooking Oil (WCO) Adsorption Using Macrophyte-Derived Cellulose Aerogel (MCA) via Response Surface Methodology (RSM)	Muhammad Hazim D.Rahman, Radin Maya Saphira binti Radin Mohamed, Aida Baizura Baharim, Ahmad Muzaffar Mohd Rozlee, Mohd Azwan Bin Busu	
14	Host -specific Plasmid-induced Screening (HoSPiS): A novel method for selective bacterial isolation from complex microbial communities	Mikoto Tachiki and Zen-ichiro Kimura	
21	Effective utilization of oyster shell wastes as microbial carrier, sources of alkalinity and nutrients for aquaponics-based recirculating aquaculture system	Naomu Nakamura, Chisa Ishihara, Yuga Yamashita and Daisuke Tanikawa	
25	Countermeasures for color issues in existing slow sand filtration at water treatment plant: Evaluation of a multi-stage treatment process combining granular activated carbon and microfiltration	Yuta Iida, Atsushi Ueda, Tomoyo Katayama, Hiroaki Mikasa, Risa Morisada, Daisuke Tanikawa, and Masato Yano	
32	Proposal for the effective utilization of wastes as sources of alkalinity and carbon for nitrogen removal	Saiki Obayashi, Toya Yamamoto, Akira Yasui and Daisuke Tanikawa	
20	Study In Tanah Aina Bentong, Pahang on Erosivity: Estimation of Soil Loss and Sediment Yield Using USLE and MUSLE	NORHIM AHMAD	
40	Study in Structural Evolution and Pedological Attributes of Upland and Coastal Landforms in the Malay Peninsula	NORHIM AHMAD, Mohd Baharudin Ridzuan	
	#N/A	#N/A	

LEVEL 1, FACULTY OF CIVIL ENGINEERING AND BUILT ENVIRONMENT (FKAAB)			
Room 3	Date:	14 September 2026	Parallel Technical Sessions 1
	Time:	02:00 PM - 3:30 PM	
	Session Chair:	Ir. Ts. Dr. ZEETY BINTI MD YUSOF	
PAPER ID	PAPER TITLE		AUTHORS
5	Soil Liquefaction Potential due to Seismic Activity in Kota Kinabalu Sabah: A Comparative Study between UU Triaxial Test Results and Site Investigation Data		Hasmirul Radzman, Habib Musa Mohamad, Muhd Fauzy Sulaiman, Siti Nor Farhana Zakaria
7	Development and Laboratory validation of an IoT-Based Slope Failure Monitoring System Using ESP32 and MPU6050 sensor		Arif Luqman bin Baco, Nazaruddin bin Abdul Taha, Awang Bono, Jerrisly Sulindap, Habib Musa bin Mohamad, Hasmirul bin Radzman, Muhd Fauzy bin Sulaiman, Mohd Izzat bin Ismail
10	Numerical investigation of gap ratio effects on hydrodynamic forces and flow behaviour around pipelines under extreme hydrodynamic loading		Ebrahim Al-Qadami, Mohd Adib Mohammad Razi, Eduardo Martínez-Gomariz
13	Shape factor of Flat Base Recharge Wells Using a Variation of porous Wall and Radius		Azizah Rokhmawati, Suhardjono, Ussy Andawayanti and Pitojo Tri Yuwono
29	Improvement of Peat Soil Properties Using Hydrated Lime and Expanded Perlite: Physical, Mechanical, Elemental and Microchemical Evaluation		Mohamad Afiq, Zeety Md Yusof, Noorzurain Zaihan, Paulus Pramono Rahadjo
78	Performance of Geogrid Reinforcement under Probabilistic Seismic Hazard Scenarios for Slope Stabilization in Sabah, Malaysia		Clarissa Diane Matin, Siti Farhanah SM Johan, Chan Chee Ming and Siti Nor Aizah Nor Azizan
	#N/A		#N/A
	#N/A		#N/A

LEVEL 1, FACULTY OF CIVIL ENGINEERING AND BUILT ENVIRONMENT (FKAAB)			
Room 4	Date:	14 September 2026	Parallel Technical Sessions 1
	Time:	02:00 PM - 3:30 PM	
	Session Chair:	PROF. MADYA Dr. HILTON @ MOHD HILTON BIN AHMAD	
PAPER ID	PAPER TITLE		AUTHORS
3	Utilisation of De-oiled Bleaching Earth in Lightweight Foam Concrete: Effects on Chemical Composition and Mechanical Properties		Mohd Izzat Bin Ismail, Muhd Fauzy Sulaiman, Habib Musa Bin Mohamad, Nelly Binti Majain, Mohammad Radzif Bin Taharin, Arif Luqman Bin Bacho, Hasmirul Bin Radzman, Nazaruddin Bin Abdul Taha, Eugene Soo Zhen Xiang
19	INTEGRATED VISUAL, NON-DESTRUCTIVE, AND DESTRUCTIVE ASSESSMENT OF FIRE-DAMAGED REINFORCED CONCRETE BUILDING MATERIALS: A CASE STUDY IN INDONESIA		Ardian Hanif, J.M. Irwan, and Sallehuddin Shah Bin Ayop
22	Developing A Social Technical Diagram For New Construction of Polytechnics Malaysia		SAIFULBAHARI BIN MOHD RASID, SHAHRUL NIZA BIN MOKHATAR, Mohamad Syazli Fathi

36	Durability of Waste Glass Powder and Tire Fiber Geopolymer Concrete under Chemical Attack	S.M. Osman, S.J.S. Hakim, A.M. Mhaya, M.H.W. Ibrahim, R. Hamdan, S.N. Mokhtar, M.M. Rohani
38	Soybean Extract Waste as a Bio-Based Self-Healing Agent in Concrete: A Compressive Strength Study	firman syarif, J.M Irwan, Mahadi Kurniawan, Harmiyati, Putri Siadina
90	Response-Dependent Effects of Rice Husk Ash, Eggshell Powder and Used Coffee Grounds in <i>Bacillus tequilensis</i> Bio-Concrete Mortar: Compressive Strength and Abrasion Loss	Bassam Mohammed Qasem, Abdullah Faisal Alshalif, Ali Gamil Al-Halhali, Desmond HAR, Farhan Fazreeq Adinegara & Ibrahim Mohammed Nasser
	#N/A	#N/A
	#N/A	#N/A

LEVEL 1, FACULTY OF CIVIL ENGINEERING AND BUILT ENVIRONMENT (FKAAB)					
Room 1		Date: 14 September 2026		Parallel Technical Sessions 2	14 SEP
		Time: 3:45 PM - 5:00 PM			
		Session Chair: Ts. Dr. ROSLINDA BINTI SESWOYA			
PAPER ID		PAPER TITLE		AUTHORS	
70	Thermal Suitability of Landfill-Mined Waste and Screening-Level Prediction of Incineration Emissions at Jatibarang Landfill		Ika Bagus Priyambada, Istikomah, Namira Fawzia Putri and Heru Wandra		
71	Water Inventory Disclosure in Indonesian Corporate Sustainability Reports: A Comparative Assessment of SBTi-Committed, Gold PROPER, and Green PROPER Companies		Bimastyaji Surya Ramadan, Brama Aditya Rahardjo and Heru Wandra		
80	Methane Yield and Kinetic Modelling of Food Waste –Yard Waste Co-Digestion		Roslinda Seswoya, Muhammad Amirul Naim Hakimi, Rivahshini Shanmuganathan, Aiman Hakim Khahar, Muhammad Fikri Hakim Mhd Moktar, Siti Khairunisa’ Shahrizal, Amir Fahim Norazman, Shamsuddin Sulaiman		
81	Prediction of Flood Peak Discharges in the Trimomukti Watershed, South Lampung, Indonesia		Lilik Ariyanto, Sabariah Musa, Arniza Fitri, Kastamto, Rahma Sopilawati and Hadyan Arifin Bustam		
84	Design of a Rainwater Harvesting System (RWH) as a Building Cooling Element		Mohammad Zulhuzaimi Jamaludin, Sharifah Meryam Shareh Musa, Mohamad Faizal Mostaffa, Rozlin Zainal, Hamidun Mohd Noh		
89	Characterization of Microplastics in Commercial Bottled Drinking Water: Physicochemical Properties and Occurrence in Malaysia		Siti Malihah Mohd Amin, Norzila Othman, Fatin Fatini Sazalli, Qais Ali Al-Maqtari, Syazwani Mohd Asharuddin, Mohd Khairuddin Mohd Talib, Mohd Faris Helmi Ab Rahim and Nurina Fitriani		
	#N/A		#N/A		
	#N/A		#N/A		

LEVEL 1, FACULTY OF CIVIL ENGINEERING AND BUILT ENVIRONMENT (FKAAB)			
Room 2	Date:	14 September 2026	Parallel Technical Sessions 2
	Time:	3:45 PM - 5:00 PM	
	Session Chair:	Dr Muhammad Safwan bin Miswan	14 SEP
PAPER ID	PAPER TITLE		AUTHORS
48	Development of an Efficient Observation Method for Expanded Polystyrene Pieces		Taki Arata, Shinya Nakashita, Akihiro Otani and Narito Fujishita
49	Measurement and Analysis of Riverbed Change at the Mouth of the Kurose River Caused by Flood Events and Tides		Yuse Nishimoto, Shinya Nakashita, Fukutaro Tachi
61	Vegetation Effects on Stormwater Runoff Reduction in Rain Garden Prototypes under Controlled Rainfall Simulation		NOOR ALIZA AHMAD, Natalie C.X.T, Arniza Fitri and Zarina Md Ali
64	A SYSTEMATIC REVIEW OF CHALLENGES IN IMPLEMENTING EXTENDED PRODUCER RESPONSIBILITY (EPR) IN MALAYSIA		Haryati Shafii, Azlina Md Yassin, Aeslina Abdul Kadir, Nur Shaylinda Mohd Zin, Noor Amira Sarani, Nur Amani Filzah Mohd Kamil, Mohd Ikhmal Hageem Hassan & Haidaliza Masram
66	A Socio-Technical Assessment of Urban Flood Resilience in Johor Bahru		Zarina Md Ali, N K Mustapa, N A Ahmad, N M Hanafi and N A Samad
68	Assessment of Water Quality and Potential Pollution Sources in an Artificial Lake		MUHAMMAD HAFIQ AFIFI AZMAN, Rafidah Hamdan, Nur Ain Ebas, Zahratull Hafeeza Hisham and Zuhaib Siddiqui
83	Artificial Neural Network for Water Quality Index Prediction in an Artificial Urban Lake		MUHAMMAD HAFIQ AFIFI AZMAN, Nur Ain Ebas, Alyesha Hafadzazafarol, Rafidah Hamdan and Zuhaib Siddiqui
	#N/A		#N/A

LEVEL 1, FACULTY OF CIVIL ENGINEERING AND BUILT ENVIRONMENT (FKAAB)			
Room 3	Date:	14 September 2026	Parallel Technical Sessions 2
	Time:	3:45 PM - 5:00 PM	
	Session Chair:	Dr. BASIL A/L DAVID DANIEL	14 SEP
PAPER ID	PAPER TITLE		AUTHORS
1	E-SCOOTER USAGE PATTERNS AND INFRASTRUCTURE IMPACT: A STUDY IN JOHOR BHARU CITY		Siti Aisyah Anasya Rosli, Nafiz Adli N Badlihasham and M Hanifi Othman
52	A Spatial Analysis of People-Flow Dynamics Associated with Functional Diversification at City Central Stations		Karin Watanabe, Yusuke Kanda
56	A Preliminary Study on Evaluating the Development Process of Mobility Communities		Satsuki Ishibe, Yusuke Kanda

77	Predicting Energy Infrastructure Project Outcomes using Machine Learning: A Sectoral Study	Hui Shan Lee, Chee Wei Png, Wai Mun Har, Bik Kai Sia and Bee Chen Ooi
	#N/A	#N/A
	#N/A	#N/A
	#N/A	#N/A
	#N/A	#N/A

LEVEL 1, FACULTY OF CIVIL ENGINEERING AND BUILT ENVIRONMENT (FKAAB)				
Room 4	Date: 14 September 2026		Parallel Technical Sessions 2	14 SEP
	Time: 3:45 PM - 5:00 PM			
	Session Chair: PROF. MADYA Ir. Dr. NORWATI BINTI JAMALUDDIN			
PAPER ID		PAPER TITLE	AUTHORS	
39	Development of Excavation Techniques for Concrete Demolition Using Multi-Stage Excavators.pdf		Yoshiya Higuchi, Takahisa Shigematsu, Shinichi Kawamura, Yoshihiro Ohnishi	
41	Numerical Evaluation of Reinforced Bubble Deck Concrete Slabs Using Concrete Damaged Plasticity		Shahrul Niza Mokhatar, Muhammad Arif Zulkiflee, Hanim Sofea Harmiyn Sany, Abang Abdullah Abang Josmani, Ahmad Fahmy Kamarudin, Seyed Jamalaldin Seyed Hakim, Josef Hadipramana	
42	Strength and Carbonation Effects of Sand Cement Brick Containing Rice Hush Ash as Partial Cement Replacement under CO2 Curing		Faisal Sheikh Khalid, Chong Ming Quan, Syazwi Hakimi Saaidin, Connie Kong Hui Jun, Mohd Irwan Juki, Zahir Zaki, Nikholas Anting Anak Guntor and Syafiq Ayob	
51	Sustainable Concrete Paver Block by Incorporation Recycled Mussel Shell (Perna viridis) Powder as Partial Replacement of Fine Aggregates		Shabery Sainudin, Nor Hazurina Othman, Muhammad Karami Abdullah Zawawi, Goh Wan Inn & Noor Amira Sarani	
60	Validation of a Finite Element Framework for Predicting Residual Mechanical Properties of Stainless-Steel Reinforcement after Thermal Exposure		Haitham Abdallah Khamis AL Adawani, Tuan Zaharinie Tuan Zahari and Muhammad Khairi Faiz bin Ahmad Hairuddin	
65	Advancing Concrete Quality Control: The Role of Maturity Methods and Sensor Technologies		Norwati Jamaluddin, Herdawati Bohari, M. S. Md Noh, Nurazuwa Md Noor and Md Faiz	
	#N/A		#N/A	
	#N/A		#N/A	

ONLINE PRESENTATIONS (14 SEPTEMBER 2026)

ONLINE PRESENTATIONS (GOOGLE MEET)				
Room A	Date:	14 September 2026	Online Presentations (Session 1)	14 SEP
	Time:	02:00 PM - 3:30 PM		
	Session Chair:	Dr. SITI HIDAYAH BINTI ABU TALIB		
	Link:	https://meet.google.com/dxh-bxsp-dfq		
PAPER ID		PAPER TITLE	AUTHORS	
4	Comparative Analysis of LSTM, CNN-LSTM and Transformer Architectures for Daily Runoff Missing Value in the Highly Urbanized Klang River Basin		Yee Jeit Ng, Wing Son Loh, Ren Jie Chin, Ming Jie Lee, Sheong Wei Phoon, Lloyd Ling	
23	Digital Placemaking for Heritage Sustainability Strategy: A Comparative Case Study Analysis of Sensory Frameworks in Digital Interventions		Jeremy Lovendianto, FX Teddy Badai Samodra, Sri Nastiti Nugrahani Ekasiwi and Audrey Tara Dianagri	
34	Driving Sustainable Design: The Mediating Role of Green Trust in Sustainable Purchase Intention for Bamboo Architectural Decoration and Household Products among Chinese Consumers		Yan Chen, Shiau Wei Chan	
35	Exploratory Study of the Conservation of Timber Heritage Buildings: Process, Technology and Cost		Suhaida @ Suhana Kamarudin, Noor Hayati Ismail	
43	Comparative of Cradle-to-Gate Life Cycle Assessment of IBS and Conventional Housing Construction in Malaysia		Nik Muhammad Akif Nik Mazlan, SUSHILAWATI Ismail,Nur Kamilah Yusuf	
63	Hydrological Assessment and Drainage Characterization of the Lowlands Catchment in Parit Raja, Johor		Norsaliha Najwa Zainal	
67	Environmental sustainability design on comfort level in Malaysian public kindergartens		fitry nadia, IZUDINSHAH WAHAB, Hanita Yusof	
	#N/A		#N/A	

ONLINE PRESENTATIONS (GOOGLE MEET)					
Room B	Date:	14 September 2026	Online Presentations (Session 1)	14 SEP	
	Time:	02:00 PM - 3:30 PM			
	Session Chair:	PUAN SITI KHALIJAH BINTI YAMAN			
	Link:	https://meet.google.com/msy-bpbd-hov			
PAPER ID		PAPER TITLE		AUTHORS	
24	Towards Sustainable Cultural Sports Facilities: An Architectural Green Building Approach		Adli Faezal Rosnan, Nasrul Arif Mahmud, and Dhevinthiran Nair A/L Meganahitan		
30	Digital Construction Transformation Through LiDAR Technology		Norelya Ardyla Mohmad Fauzi @ Mohamad Fauz Mohammad, Rozlin Zainal		
31	Spatial Economic Interactions For Innovative Sustainable Housing Construction Projects		MOHAMMAD ALIF MIFZAL AZMAN SHAH, Rozlin Zainal		

33	Deformation Mechanics and Ductility Behaviour of Ultra-Thin Reinforced Pumice Lightweight Concrete Panels under Flexural Loading	Muhammad Yazid, Norwati binti Jamaluddin, Shahrul Niza bin Mokhtar, Mohamad Nor Azad Bin Badli
57	Assessing The Impact of AutoCAD Skills on The Employability of TVET Graduates in The Malaysian Civil Engineering Industry: A Pilot Study	Nurdalila Saji, Najeeha Mohd Apandi, Shelena Soosay Nathan and Puteri Sophia Shamsuri
75	A Conceptual Framework for Evaluating Building Envelope Strategies for Energy Efficiency in Mosque Buildings in Hot-Humid Climates: The Case of Kelantan, Malaysia	Nuzul Haqimi Muhammad, Prof. Madya Ar Dr Mohd Farid bin Mohamed, Wardah Fatimah Mohammad Yusoff, Mhd Hafiz Karami Mhd Zain, Nik Umar Solihin Nik Kamaruzaman, Muhammad Rizal Khairuddin, Azlin Sharina Abdul Latef and Hana Yazmeen Hapiz
87	Quality Management in Civil Engineering Education	Siti Khalijah Yaman, Shamsida Saidan Khaderi, Padzil@Fadzil Hassan, Hairuddin Mohammad
9	Terrestrial Laser Scanning-Based Discontinuity Extraction and Kinematic Analysis of a Limestone Rock Slope: A Case Study of Gunung Lang, Malaysia	Aidatul Izana Mohd Taha, Astina Tugi, Nazirah Mohamad Abdullah, Mohd Firdaus Md Dan @ Azlan, Ferdaus Ahmad

ONLINE PRESENTATIONS (GOOGLE MEET)			
Room C	Date:	14 September 2026	
	Time:	02:00 PM - 3:30 PM	
	Session Chair:	Dr. NURUL HIDAYAH BINTI MOHD KAMARUDDIN	
	Link:	https://meet.google.com/vjd-ejbx-gcs	
		Online Presentations (Session 1)	14 SEP
PAPER ID	PAPER TITLE	AUTHORS	
8	Establishing Quantitative Weathering Thresholds for Tropical Shale via Slake Durability Testing	Melvern Goh Keat Heng, aziman madun	
16	Advancing Sustainable Pavement Infrastructure through Plant Fiber-Reinforced Asphalt Mixtures	Dirayah Dollah , Mohd Ezree Abdullah, and Mohamed Nasser Ahmad	
17	Land Acquisition Challenges in Public Road Projects: Implications for Cost, Time, Quality, and Overall Performance	Mohd Hasmir Mohamed Rozali, Mohd Ezree Abdullah	
26	An SLR-informed street-level audit framework for integrating last-mile logistics vehicles in Guangzhou mixed-traffic non-motorised lanes	HE Zonghong, Norhanim Binti Zakaria, U K Zolkafli	
27	PERFORMANCE OF A BAMBOO LAYER FOR SOIL STABILIZATION	Adnan Zainorabidin, Aina Mardiah Zambri, Zeety Md Yusof, Zuraini Zainal, Putera Agung Maha Agung, Muhammad Fathur Rouf Hasan, Yanyan Agustian and Chong Sher Ern	
47	A Critical Review on Enhancing Thermal Conductivity of Sandy Soils Using Nano Aluminum Oxide (Al ₂ O ₃) under Varying Moisture Conditions	Radhwan Abraham, Nur Liyana Mohd Kamal, Salmia Beddu, Zarina Binti Itam, Daud Bin Mohamad, and Teh Sabariah Binti Abd Manan	

53	Field Evaluation of Pavement Performance for Full Depth Reclamation (FDR) with Bitumen Emulsion and Polymer Modified Cementitious Binder	Khairul Anuar Ahmad Affandi, Mohd Ezree Abdullah, Md Yunus Ab Wahab
	#N/A	#N/A

ONLINE PRESENTATIONS (GOOGLE MEET)			
Room A	Date:	14 September 2026	Online Presentations (Session 2)
	Time:	03:45 PM - 05:00 PM	
	Session Chair:	Dr. NOORWIRDAWATI BINTI ALI	14 SEP
	Link:	https://meet.google.com/pdz-jjtc-fzx	
PAPER ID	PAPER TITLE		AUTHORS
37	Assessment of Critical Delay Factors in Building Construction Projects: A Case Study of Riau Province, Indonesia		Rahmat Tisnawan, Mohd Hafizal Hanipah, Sasitharan Nagapan and Mohd Zakwan Ramli
58	Finite Element Modelling of Punching Shear Behaviour of BFRP-Reinforced Concrete Flat Slabs for Sustainable Structural Applications		Ameed Kaya, Mohamed Maalej, S Altoubat
59	From Spatial Mapping to Prioritization: A Segment-Based Analysis of Road Accident Hotspots		Noorliana Omar, Basil David Daniel, Isham Ismail1
74	Residual Performance of RC Beams Subjected to Combined Fatigue Loading and Localized Corrosion: An Experimental Investigation with 10% Metakaolin		Alamsyah Alamsyah, Mohd Hanif Ismail, Sallehudin Shah Bin Ayop, Indriyani Puluhalawa and Mohammed Ali Mansour
91	Governance Frameworks for Sustainable Operational Initiatives in Infrastructure-Based Organizations		Farah Diba Hashim, MOHD EZREE ABDULLAH
93	Correlation between Compressive and Splitting Tensile Strength of Concrete Containing Bamboo Culm Ash as Partial Cement Replacement		Siti Nadia Syuhada Mohd Satti, Suraya Hani Adnan, Zalipah Jamellodin, Mohammad Hairi Osman, Mohammad Nor Aksyah Wahee Anuar
94	From information management to resource efficiency: BIM-enabled project delivery for sustainable construction		Nguyen Thi Tuyet Dung
	#N/A		#N/A

ONLINE PRESENTATIONS (GOOGLE MEET)			
Room B	Date:	14 September 2026	Online Presentations (Session 2)
	Time:	03:45 PM - 05:00 PM	
	Session Chair:	Dr. NORHAFIZAH BINTI SALLEH	14 SEP
	Link:	https://meet.google.com/msy-bpbd-hov	
PAPER ID	PAPER TITLE		AUTHORS

11	Identification Of The Relative Importance Of Factors Affecting Quality In Sarawak Housing Factor	Geogina Burai Adwin, Nor Haslinda Abas and Foong Zhi Yee
15	Optimizing printability and strength of sustainable of 3D printable concrete incorporating high-volume GGBS and quarry dust using viscosity-modifying agent (VMA)	Siti Radziah Abdullah
50	Geotechnical Characterization and Stabilization of Johor Fibric Peat Using Ordinary Portland Cement	Mohd Khaidir Abu Talib, Adnan Zainorabidin, Faizal Pakir, Zeety Md Yusof, Aziman Madun, Mohd Firdaus Md Dan, Norhaliza Wahab
73	Integrated Of UAVs For Road Pavement Surface Assessment	Alif Hakem, Mustafa Anjang Ahmad, Dzikri Kahlid and Hazmi Hamdan
76	Experimental Investigation of the Flexural Performance of Dual-Layer Reinforced Concrete Beams with Different Interface Treatments	Noor Azlina Abdul Hamid, Rendy Thamrin, N. Salleh, N. Ali, Z. Jamellodin, S. Radziah, S. H. Adnan, N. Jamaluddin, N. Z. Zaini and N. F. Zahid
79	Assessment of Environmental Noise Sources and Their Impacts on Teachers' Acoustic Comfort in Public Schools in Batu Pahat, Malaysia.	Yean Ghing Tong, Shiyuan Ng, Junhao Chan
86	Effect of Sand Addition on Soil Compaction and P-Wave Velocity of Kaolin-Sand Mixtures	Nurul Najihah Arifin, Faizal Pakir, Aziman Madun, Muhammad Nur Hidayat Zahari, Mohd Khaidir Abu Talib, Mohd Firdaus Md Dan
	#N/A	#N/A

ONLINE PRESENTATIONS (GOOGLE MEET)					
Room C	Date:	14 September 2026		Online Presentations (Session 2)	14 SEP
	Time:	03:45 PM - 05:00 PM			
	Session Chair:	Dr. NUR AIN BINTI EBAS			
	Link:	https://meet.google.com/vjd-ejbx-gcs			
PAPER ID		PAPER TITLE		AUTHORS	
45	Spectral wave modelling and nearshore wave transformation along the east coast of Johor, Malaysia: implications for shoreline management		Mohd Adib Mohammad Razi, Ebrahim Al-Qadami, Haris Uddin Qureshi, Syed Muzzamil Hussain Shah, Fahmi Ideris		
97	Performance evaluation of submersible pumps for aeration and dissolved oxygen transfer in shallow stagnant water bodies		Zaki Irfan Khairun Nidzam, Tan Lai Wai		
98	Comparative analysis of dissolved oxygen enhancement in water: a biological and mechanical approach		Nur Muhamad Mohamad Sufian, Tan Lai Wai		
99	A Mobile-Based Near-Miss Incident Reporting Application for Proactive Safety Management: A Design Science and Scenario-Based Evaluation		Azim Azmi		
100	Evaluation of Rebar Corrosion Morphology in Reinforced Concrete Using Transparent Sheet Mapping Techniques in Controlled Environment		Koh Bee Hua, Nurazuwa Md Noor and Rabiatal Adawiyah Waliyo		

92	Barriers to Effective ISO 9001 Implementation among Malaysian Construction Contractors	Zhi Yee Foong, Nor Haslinda Abas and Toh Yoke Teng
	#N/A	#N/A
	#N/A	#N/A