



3 INTERNATIONAL CONFERENCE ON BUILT ENVIRONMENT AND ENGINEERING 2022

THEME:

"FOSTERING A TRANSPICUOUS CONSTRUCTION INDUSTRY"

PRESENTATION SCHEDULE

18th - 19th OCTOBER 2022, ZENITH PUTRAJAYA

Organizer



Centre of Studies for Construction College of Built Environment Universiti Teknologi MARA (UiTM) Collaborators















Strategic Partners





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132	Raja Rafidah Raja Muhammad Rooshdi, Noor Akmal Adillah Ismail, Shaza Rina Sahamir and Mohd Arif Marhani Challenges Of Implementing Building Information Modeling (BIM) In Green Assessment Tools		VIRTUAL	17-Oct-22	BREAKOUT SESSION 1
133	Nurul Husna Mohd Azmi, Nur Ashikin Marzuki, Mustafasanie M. Yussof, Choong Kok Keong and Yee Hooi Min	The Effect of Interlayer Materials to the Stiffness of Glass Panels when Subjected to Heat	VIRTUAL	17-Oct-22	BREAKOUT SESSION 1
135	Nur Azyla Syazreen Binti Abdul Razak, Mohd Amizan Bin Mohamed @ Arifin , Siti Rashidah Binti Mohd Nasir, Syahirah Intan Binti Mohd Sheffie	The Relationship Between Main Risk with The Mitigation in International Construction Performance: The Organisational Capabilities Perspective	VIRTUAL	17-Oct-22	BREAKOUT SESSION 2



THEME:	CON. TECH & CIVIL, STRUCTURE & MATERIAL ENGINEERING
TIME & VENUE:	9.30 - 10.55AM
SESSION CHAIR:	TS DR NORFASHIHA HASHIM
TIME KEEPER:	SR. TS. MOHD REEZA YUSOF

No	ID	THEME	FROM	AUTHORS	TITLE
1	23	Е	UITM	Anith Athierah Aziz, Sallehan Ismail, Siti Akhtar Mahayuddin, Wan Akmal Zahri Wan Zaharuddin and Muhammad Redza Rosman	Properties of Gigantochloa Scortechinii (Buluh Semantan) Fibre for Biocomposite Material
2	65	Е	UITM	Nurul Noraziemah Mohd Pauzi, Ehsan Teymouri	Investigation of Strength, Durability and Environmental Properties of Pervious Concrete Containing Anthracite
3	13	F	UITM	Mohd Dzuliqyan Jasni, Mohd Zul Aswad Zulkifli, Noorsaidi Mahat, Achara Khamaksorn and Mohd Iskandar Abd Malek	QLASSIC Adoption Amongst Sabah Construction Industry Players and Stakeholders
4	83	D	UITM	Marni Ainin Syahirah Muksain, Nasyairi Mat Nasir, Rumaizah Mohd Nordin, Suzila Mohd and Juliana Brahim	Malaysian Construction Industry Crisis Revolution: The Contributing Factors
5	118	E	UITM	Nurjuhanah Juhari, Hooi Min Yee, Norlizan Wahid, Hazrina Ahmad, Mazleen Syafiqah Shaikh Mazlan and Hanis Sufiah Azwadi	Hydrophobic Coating Using Rice Husk Ash and Fatty Acid (Oil) For Water Repellant Material
6	78	E	UITM	Anas Ibrahim, Juhaizad Ahmad, Badrul Nizam Ismail, Mohd Ikmal Fazlan Rosli and Jon Loke	Noise and Braking Tests on Permanent Way at Bukit Mertajam, Pulau Pinang using Top-of-Rail Friction Modifier (TOR FM)
7	133	E	UITM	Nurul Husna Mohd Azmi, Nur Ashikin Marzuki, Mustafasanie M. Yussof, Choong Kok Keong and Yee Hooi Min	The Effect of Interlayer Materials to the Stiffness of Glass Panels when Subjected to Heat
8	28	F	UPJ Indonesia	Edi Purwanto, Jenni Ria Rajagukguk and Kartiko Putranto	The Protection Motivation and Intention to Use Traffic Jam Assistance System in Jakarta

THEME:	ARCHITECTURE & CON. LAW, ETHICS & ORG. MANAGEMENT
TIME & VENUE:	9.30 - 10.55AM
SESSION CHAIR:	DR. SHAZA RINA SHAHAMIR
TIME KEEPER:	TS. ZAINAB MOHMAD ZAINORDIN

No	ID	THEME	FROM	AUTHORS	TITLE
1	29	С	UITM	Mohamad Haizam Mohamed Saraf, Asniza Hamimi Abdul Tharim and Asmalia Che Ahmad	Factorial Validity of Biophilic Elements For Home Workspace Towards Academics' Perceived Productivity
2	30	С	First City Uni College	Hafizuddin Haron	Local Wisdom Defined a Space Meaning of Heritage Building: A Case Study of Zhongshan Building in Malaysia
3	116	С	UiTM	Izham Ghani, Alessandro Aurigi, Norhafizah Abdul Rahman and Marina Abdullah	Constructing Virtual Place Experience Through Virtual Reality for Architectural Studies: A Review
4	25	С	UITM	Nor Nazihah Chuweni, Mohammad Haizam Mohamed Saraf, Nurul Sahida Fauzi and Mohammad Fitry Md Wadzir	What Motivates the Malaysian Residential Property Buyers to Go Green?
5	102	С	UM	Ahmad Aqil Zaidi, Saipol Bari Abd Karim and Nazirul Fariq	Integration of Value Engineering in Building Information Modelling Implementation During the Detailed Design Stage
6	92	D	UITM	Siti Hafsah Zulkarnain, Mohd Azuan Mohd Alias, Zakiyah Hasan, Mustafa Kamal Mat and Abdol Samad Nawi	Condominium Price in Malaysia: Relationship between Macroeconomics Indicators
7	79	D	UMK	Mohd Hanizun Hanafi, Shardy Abdullah, Ramly Hasan and Hakimi Ahmad	Critical Success Factors for Building Materials Availability at Construction Sites: A Qualitative Approach
8	5	D	MAPUA University	Renz Marian Abad, Patricia Nicole Aquino and Eirven John Froilan Sarmiento	Impact of Information and Communication Technology (ICT) in Large Scale Road Construction Projects in 1st and 3rd District of Metro Manila through Critical Success Factors

THEME:	DISASTER MANAGEMENT
TIME & VENUE:	9.30 - 10.55AM
SESSION CHAIR:	DR. FARRAH ZUHAIRA ISMAIL
TIME KEEPER:	TS. NORISHAHAINI ISHAK

No	ID	THEME	FROM	AUTHORS	TITLE
1	73	G	New Castle University	Nurul Zainab Binti Along, Shumank Deep	Indigenous Local Knowledge (ILK) and Authorities' Knowledge Framework: Case study of Flood Risk Management in Malaysia
2	26	G	UTM	Suzila Mohd, Mohamad Syazli Fathi	A Review of Existing Technologies for the Humanitarian Relief Process
3	89	G	UITM	Nurul Khalida Yahman, Yazid Sarkom Alias Hj.Othman and Prof.Madya Sr. Dr Nor Rima Muhamad Ariff	A Review on Public Participation in Local Authorities Associated with Landslide Disaster in Selangor
4	104	G	UITM	Noraini Omar Chong, Khairul Hisyam Kamarudin	Key Components and Drivers for Building Resilience Rural Community on Flood in Malaysia
5	82	G	UITM	Dorisin Mardie, Abdul Rauf Abdul Rasam, Mohd Shahmy Mohd Shahmy, Nurhanisah Hashim and Rosmadi Ghazali	Planning Alternative Safe Routes during Landslide Hazard in Ranau, Sabah
6	125	G	Massey University	Naomaan Riyaz, Mohamed Elkharboutly, Noushad Ali Naseem Ameer Ali and Suzanne Wilkinson	Housing In Kashmir: Traditional Dhajji Dewari Housing As A Seismic-Resistant Alternative



THEME:	SUST. CONST. & ENVIRONMENTAL SCIENCE AND ENGINEERING		
TIME & VENUE:	11.15 - 12.40PM		
SESSION CHAIR:	DR. ANI MASLINA SALLEH		
TIME KEEPER:	DR. IFFAH FARHANA ABU TALIB		

No	ID	THEME	FROM	AUTHORS	TITLE
1	34	В	UITM	Maizura Mohd Sani, Muhammad Adib Mohd Najib	Design of Net-Zero Energy Building using Gym Equipment Concept
2	123	В	UM	Saipol Bari Abd-Karim, Loo Siaw-Chuing, Faizul Azli Mohd Rahim, Suhana Koting, Syuhada Norman and Abdul Halim Nagor Mohamed	Preliminary Risk Assessment of Polypropylene, High- and Low-Density Polyethylene Microplastics Modified Asphalt Mixtures for Road Construction
3	106	В	UITM	Siti Kartina Binti Juhari, Dasimah Binti Omar and Siti Mazwin Binti Kamaruddin	How to Quantum Leap in Role of Local Authority and Stakeholders in the Implementation of Low Carbon Cities Framework (LCCF) to Reduce the Energy and Water Consumption?
4	81	В	UITM	Vera Taileh, Abdul Rauf Abdul Rasam, Saharuddin Lin, Noraain Mohamed Saraf and Rosmadi Ghazali	Path Analysis for Alternative Safe Route Access during Floods in Kota Kinabalu, Sabah
5	99	В	UITM	Noorfaizah Hamzah, Nur'Ain Mat Yusof, Mohd Jamaludin Md Noor and Adnan Derahman	A Study on Stress-Strain Behaviour of Shale Rock Using Mobilised Shear Strength Prediction
6	97	А	UITM & UNITEC, NZ	Mohammad Afjalur, Rahman Sheila Belayutham	A Conceptual Framework to Enable Sustainability through Lean and BIM Integration: A Conceptual Establishment
7	130	А	Massey University	Ofori Ansu-Gyeabour, Noushad Ali Naseem Ameer Ali and Andries van Heerden	The New Zealand Land Transport Policy: Is the Regime Delivering on the Economic Outcomes?
8	19	А	UITM	Emma Marinie Ahmad Zawawi, Aina Wahida Imran and Norfashiha Hashim	Challenges of Utilising Sustainable Materials for Construction Projects

THEME:	CONSTRUCTION LAW, ETHICS & ORG. MANAGEMENT
TIME & VENUE:	11.15 - 12.40PM
SESSION CHAIR:	ASSOC. PROF. SR. TS. DR. ZULHABRI ISMAIL
TIME KEEPER:	PN. ZALIDA SALLEH

No	ID	THEME	FROM	AUTHORS	TITLE
1	128	D	Massey University	Malaka Silva, Niluka Domingo and Noushad Ali Naseem Ameer Ali	Current Knowledge on Construction Dispute Management in New Zealand
2	8	D	UiTM	Siti Hafsyah Idris, Habibah Omar, Irdayanti Mat Nashir, Sheela Jayabalan, Abu Bakar Abdul Majeed, Latifah Amin and Rahimah Bee Mohd Yusof	Genetically modified crop: Indicators for the Ethical Principles in Protecting Farmers' Rights
3	84	D	UiTM	Norfazliana Azmi, Padzil Fadzil Hassan, Norfashiha Hashim and Keoy Kay Hooi	A Best Practice PQP Model for Managing Quality in Building Construction Works for Malaysian Construction Industry
4	120	D	Massey University	Juwita Radzi, Noushad Ali Naseem Ameer Ali	Meaning' in standard forms of construction contracts: A conceptualisation.
5	122	D	Otago Polytechnic	David Finnie, Noushad Ali Naseem Ameer Ali and Kenneth Park	Transparent and sustainable procurement through two stage early contractor involvement (2S-ECI)
6	67	D	UM	Sharifah Nur Aina Syed Alwee, Hafez Salleh, Umi Kalsum Zolkafli and Ahmad Huzaimi Abd. Jamil	A Thematic Review on the Current Trends of Contractual Barriers and Challenges Concerning Building Information Modelling (BIM)
7	9	D	UITM	Fazlin Mohamed Zain, Ethical Issues on Farmers' Rights relating to Genetically Modified Crops in Malaysia and Indonesia	Ethical Issues on Farmers' Rights relating to Genetically Modified Crops in Malaysia and Indonesia
8	35	D	UITM	Mohd Ashraf Mohd Fateh, Ruslan Affendy Arshad, Siti Maryam Ahmad Marzuki and Mohd Reeza Yusof	Factors Contributing to Communication Breakdown During the Construction Phase Between Consultants and Contractors

THEME:	ARCHITECTURE & URBAN PLANNING
TIME & VENUE:	11.15 - 12.40PM
SESSION CHAIR:	SR DR SITI MAZZUANA SHAMSUDIN
TIME KEEPER:	DR. NURIL IZZEATY ISHAK

No	ID	THEME	FROM	AUTHORS	TITLE
1	87	С	UITM	Ruwaidah Borhan, Norsyazlin Mohd Rosli, Izham Ghani and Norhafizah Abdul Rahman	Geospatial Analysisi of Commercial Building Facade District by Using Thematic Mapping Tools
2	90	С	USM	Weihan Rong, Azizi Bahauddin	Narrative and Heritage: Exploring the Value of Chinese Confucian Courtyards in Architectural Conservation
3	98	С	UUM	Nor Suzylah Sohaimi, Muhammad Syukri Sohaimi, Mohd Saiful Nizam Sohaimi and Jefferi Abd Hamid	Exploring Elderly-Friendly Affordable Home for Ageing in Place.
4	100	С	UITM	Nor Izana Mohd Shobri	Linking the preference of perceived sensory dimension and mental health restoration with gender different
5	117	С	UiTM	Norhafizah Abdul Rahman, Izham Ghani, Ruwaidah Borhan and Tim Heath	Youth-friendly commercial street for new urban street life
6	85	С	UM	Sharifah Khalizah Syed Othman Thani Hazreena Hussein and Siew Cheok Ng	Cognitive Restoration Design for Stress Mitigation in Neighbourhood Parks
7	7	С	UAE University	Adriaan De Man, João Tavares	Small Site Conservation in the Scope of Territorial Cohesion



THEME:	SUSTAINABLE CONSTRUCTION & ARTIFICIAL LANDSCAPE		
TIME & VENUE:	2.30 - 3.55PM		
SESSION CHAIR:	DR. MOHD REZA ESA		
TIME KEEPER:	DR. SHEIKH ALI AZZRAN SH SAID		

No	ID	THEME	FROM	AUTHORS	TITLE
1	21	A	UTM	Nur Izieadiana Abidin, Rozana Zakaria, Eeydzah Aminudin, Siti Mazzuana Shamsuddin and Shaza Rina Sahamir	Assessment of Criteria Affecting Decision Making for Retrofitting an Existing Building with a Green Roof
2	112	А	UITM	Siti Nur Farhana Ab Latif, Abdul Hadi Nawawi and Maszuwita Abdul Wahab	PropTech: Technological Innovation for Sustainable Real Estate
3	20	A	UITM	Assrul Reedza Zulkifli, Che Khairil Izam Che Ibrahim	An Interplay Of Building Information Modelling and Prevention Through Design (BIM-PtD) Towards Safe Design
4	132	A	UITM	Raja Rafidah Raja Muhammad Rooshdi, Noor Akmal Adillah Ismail, Shaza Rina Sahamir and Mohd Arif Marhani	Challenges Of Implementing Building Information Modeling (BIM) In Green Assessment Tools
5	32	А	Reading University (M)	Farzaneh Moayedi, Mustafa Klufallah, Fikri Hasmori and Tai Wen	Sustainability as A change Catalyst in Quantity Surveying: New Perspective for Future Challenges
6	119	A	UITM	Salbiah Mokhtar	Conceptualising The Sustainable and Highest, Best Use (SHBU) Towards Empowering Rural Land Development in Malaysia
7	107	А	UITM	Zarina Alias, Nurul Asra Abd Rahman and Suryani Ahmad	Social Value in Malaysian Construction Industry: A TMO Perspective
8	108	А	UITM	Zarina Alias, Nurul Asra Abd Rahman and Nur Isma Izyan Ismail	Adopting Wood as Sustainable Material for Construction Industry

THEME:	CONSTRUCTION LAW, ETHICS & ORG. MANAGEMENT		
TIME & VENUE:	2.30 - 3.55PM		
SESSION CHAIR:	SR. TS. DR. MOHD ASHRAF MOHD FATEH		
TIME KEEPER:	TS. MOHD. ZAIHAFIZ ZAINAL ABIDIN		

No	ID	THEME	FROM	AUTHORS	TITLE
1	88	D	UTHM	Nurmahamira Zairani Muhamad Zaini, Muhammad Fikri Hasmori, Farzaneh Moayedi, Nor Haslinda Abas and Mustafa Klufallah	Causes of the Tower Crane Accident and Safety Performance Practices at Construction Site in Malaysia: Perspectives from The Tower Crane Operator
2	95	D	UITM	Elmi Alif Azmi, Che Khairil Izam Che Ibrahim	Analysis of Civil Engineer's Capacity Development Attributes: A Review
3	110	D	UM	Saipol Bari Abd Karim, Syed Muzaffar Syed Mohamad, Norhisham Mohd Nor, Nasyairi Mat Nasir, Ahmad Arzlee Hassan and Abdul Izz Mohamad Kamil	Essential Elements for Bumiputera Contractors' Training and Development Framework Design in Malaysia
4	24	D	UCSI	Chong Hui Eng, Mat Jusoh Zairra and Mohd Suzila	A Review of Dispute Avoidance Strategies in Construction Projects
5	44	D	UM	Norazlin Abd Aziz, Faizul Azli Mohd Rahim and Nur Mardhiyah Aziz	Project Delay and Barriers to Improve Communication: Mediation Effects of Field Experience.
6	91	D	USM	Kwan Li Yee, Nur Syaimasyaza Mansor	Factors of Talent Retention in Malaysian Construction Industry: Employee's Perspective
7	135	D	UITM	Nur Azyla Syazreen Binti Abdul Razak, Mohd Amizan Bin Mohamed @ Arifin , Siti Rashidah Binti Mohd Nasir, Syahirah Intan Binti Mohd Sheffie	The Relationship Between Main Risk with The Mitigation in International Construction Performance: The Organisational Capabilities Perspective

THEME:	ARCHITECTURE & URBAN PLANNING		
TIME & VENUE:	2.30 - 3.55PM		
SESSION CHAIR:	TS. DR. JULIANA BRAHIM		
TIME KEEPER:	DR. SITI RASHIDAH HANUM ABD WAHAB		

No	ID	THEME	FROM	AUTHORS	TITLE
1	53	С	UITM	Asniza Hamimi Abdul Tharim, Nurul Azreen Azmi, Nur'Ain Ismail, Noraziah Wahi, Mohd Norazam Yasin and Farhan Md Dahlan	Assessment of Student's Satisfaction and Perceived Performance Towards Thermal Comfort in Academic Building of MRSM Parit
2	6	С	UAE UNI	Adriaan De Man, Boshra Hassan	Notes on UAE Heritage Clustering for Urban Planning
3	31	С	UITM	Ernieza Suhana Mokhtar, Nur Aqilah Balqis Md Sharin, Idrees Mohammed Oludare, Nurhafiza Md Saad, Puji Astuti, Noor Zahirah Mohd Sidek, Zaharah Mohd Yusoff and Siti Maryam Abdul Wahab	Geospatial Analysis of Sustainable Living Residential Site Suitability Using Analytical Hierarchy Process
4	27	С	UITM	Asniza Hamimi Abdul Tharim, Sitinur Kamilah Mohd Idris, Mohamad Haizam Mohamed Saraf, Asmalia Che Ahmad, Edi Purwanto, Issa Samichat Ismail Tafridj, Rahma Purisari and Teguh Prasetio	Relationship of Biophilic Design Strategies and Occupants' Perceived Psychological Performance in Malaysia Green Rated Office Building
5	18	С	Heriot- Watt (M)	Puteri Nur Farah Naadia Mohd Fauzi, Amera Irrisya Fadzil Akhma	The Understanding and Application of Micro Takaful Scheme in The Protection of Housing and Home Content Occupied by/Belonging to The Low-Income Groups in Malaysia
6	115	С	USIM	Azhani Abd. Manaf	An Analysis of Visual Privacy from Islamic Perspective of Modern Terrace Housing Design in Malaysia

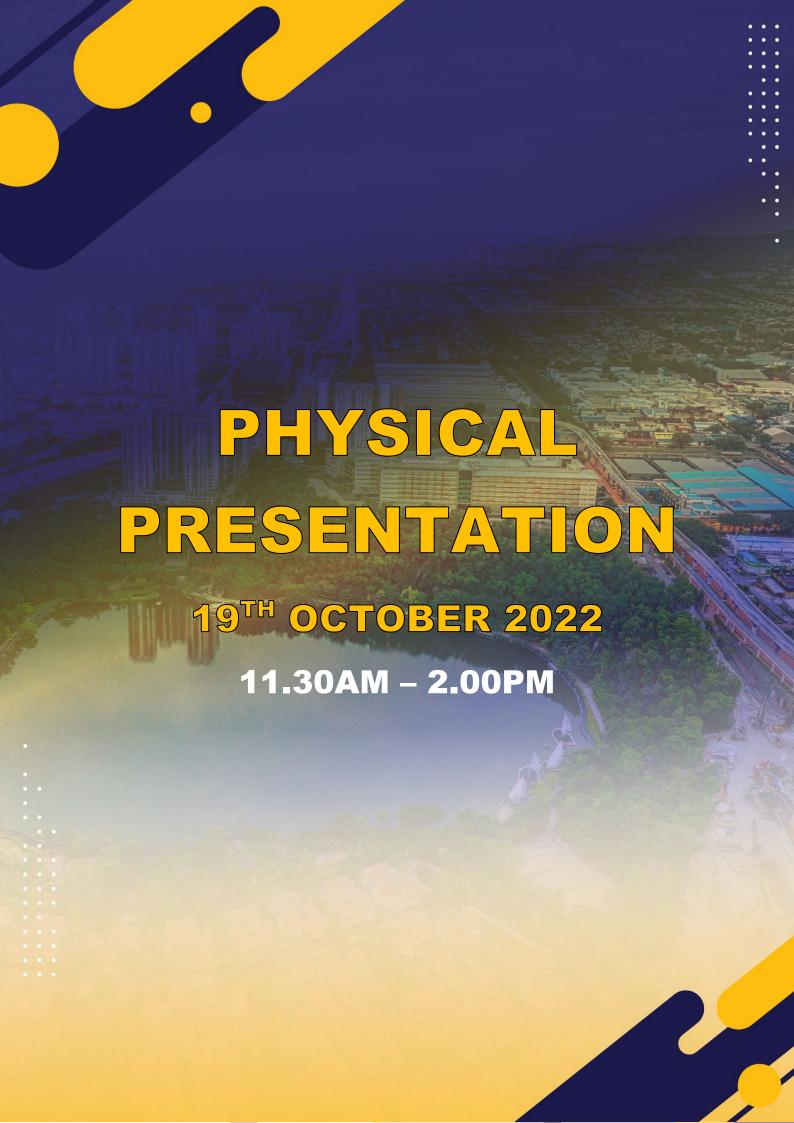


THEME:	CONSTRUCTION LAW, ETHICS & ORG. MANAGEMENT
TIME & VENUE:	2.00 - 3.45PM
SESSION CHAIR:	PROF. DR. MOHAMAD NIDZAM RAHMAT
TIME KEEPER:	TS. DR. JULIANA BRAHIM

No	ID	THEME	FROM	AUTHORS	TITLE
1	71	D	UITM / MAHB	Anis Mardhiah Mukhtar, Rumaizah Mohd Nordin, Nor Fashiha Hashim and Abdul Aziz Abas	Impactful Crisis Management in the Surviving Organizations: A Dynamic Model and Empirical Evidence
2	124	D	UITM	Nur Adilla Abd Rahaman, Norfashiha Hashim and Arniatul Aiza Mustapha	A Thematic Review on The Preferred Client Values Associated with Interior Design Works
3	80	D	UITM	Iskandar Zulkarnain Mohd Najib, Julitta Yunus, Rumaizah Mohd Nordin, Zulhabri Ismail and Norfashiha Hashim	A Narrative Systematic Review on The Effect of Self-Efficacy Towards Academic Perseverance and Career Pursuance: The Case of TVET Graduates
4	109	F	UITM	Nurul Ain Shuhada Azil, Izatul Laili Jabar and Asmalia Che Ahmad	Factors Contribute to Public Accidents in the Malaysian Construction Industry: Construction Workers' Overview
5	114	D	UITM	Nurul Asyiqin Abdul Razak, Zulhabri Ismail and Juliana Brahim	Contractual Issues on Claim for Loss and Expense in the Malaysian Construction Industry
6	58	D	UITM	Nur Medeena Mahamood, Rohayu Ab Majid	The Adverse Selection Issues in Social Housing Allocation Process.
7	1	D	UITM	Rumaizah Mohd Nordin, Ezlina Mohd Ahnuar, Asrul Nasid Masrom, Noushad Ali Naseem Ameer Ali and Nasyairi Mat Nasir	Malaysian Construction Industry Corruption: Views of Government Agencies, Contractors and Consultants
8	121	D	UITM	Siti Suhaidah Sahab, Zulhabri Ismail, Johan Eddy Luaran and Ezlina Ahnuar	Effectiveness of Blended MOOC in Legal Studies for Construction Course
9	70	D	UITM	Ezlina Ahnuar, Zulhabri Ismail and Siti Suhana Judi	Barriers to construction mediation : Views of mediation practitioners

THEME:	CONSTRUCTION TECHNOLOGY
TIME & VENUE:	2.00 - 3.45PM
SESSION CHAIR:	ASSOC. PROF. SR. TS. DR. ZULHABRI ISMAIL
TIME KEEPER:	DR. IFFAH FARHANA ABU TALIB

No	ID	THEME	FROM	AUTHORS	TITLE
1	46	F	UITM	Saharuddin Lin, Sebastian Mathew and Abdul Rauf Abdul Rasam	Least Cost Path Analysis for Electrical Transmission Route Suitability
2	22	F	UITM	Seri Nanisa Sima Yusoff, Juliana Brahim, Rumaizah Mohd Nordin and Norzaidi Haron	Malaysian Initiatives on Building Information Modelling (BIM) towards Construction 4.0: A Literature Review
3	64	F	UITM	Raja Khadijah Raja Berema, Zulhabri Ismail, Juliana Brahim and Norafazarul Aini Nordin	A Preliminary Review of Building Information Modeling (BIM) Legal Issues
4	59	F	UITM	Nur Daniza Harris, Mohd Shahmy Mohd Said, Abdul Rauf Abdul Rasam, Tengku Afrizal Tengku Ali and Raiz Razali	Detection of Plastic Pollution in Rasau River Using UAV Imageries: An Object- based Classification Approach
5	16	F	UTM	Hong Sheng Lee, Wan Anom Wan Aris, Tajul Ariffin Musa and Anuar Ahmad	Efficiency Of Precise Point Positioning In Peninsular Malaysia From An Ephemeris Perspective
6	101	F	UITM / DOSH	Azman Hussain, Che Khairil Izam Che Ibrahim, Sheila Belayutham and Kamarizan Kidam	Occupational Safety and Health Regulator Readiness in The Design Phase: Views from Malaysia
7	60	F	UITM	Sheikh Ali Azzran Sh Said, Farrah Norizzah Mohd Yussof	Experiential Learning Of Using Digital Tools in Construction Management Education
8	126	F	UITM	Shaza Rina Sahamir, Farra Diba Qestina Ibrahim, Rozana Zakaria, Noor Akmal Adillah Ismail, Raja Rafidah Raja Muhd Rooshdi, Nur Izieadiana Abidin and Siti Mazzuana Shamsuddin	Key Barriers in Managing Construction Site for Green Building Projects
9	10	F	UITM	Juliana Brahim, Seri Nanisa Sima Yusoff, Rumaizah Mohd Nordin, Mohd Rizal Mohd Rosly and Suzila Mohd	A Narrative Systematic Review on Existing Building Information Modelling (BIM) Maturity Model



THEME:	SUSTAINABLE CONSTRUCTION & ARTIFICIAL LANDSCAPE
TIME & VENUE:	11.30 - 1.15PM
SESSION CHAIR:	ASSOC. PROF. RUSLAN AFFENDY ARSHAD
TIME KEEPER:	SR. TS. DR. MOHD. ASHRAF MOHD FATEH

No	ID	THEME	FROM	AUTHORS	TITLE
1	3	А	UITM	Siti Aishah Ramli, Julitta Yunus, Rumaizah Mohd Nordin, Padzil Hassan and Mohd Tajul Izrin Mohd Tajul Hasnan	Observational Data on the Refurbishment Behaviour of Two Storey Terrace Houses in Petaling Jaya
2	43	А	UITM	Hafizah Mohd Latif, Noor Sahidah Samsudin and Nurdayana Mohamad Suki	Exploring the Competency of a City Council's Employees in Implementing Residential Rainwater Harvesting Regulation
3	14	А	UITM	Nurul Faizah Hamzah, Mohamad Sufian Hasim, Nor Rima Muhamad Ariff, Hamimah Adnan and Farrah Norizzah Mohd Yussof	Environmental Sustainability Initiatives (ESI) and Smart Cities Components Implementation (SCCI): A Preliminary Study on the Selected City Council in Malaysia
4	62	А	UITM	Ahmad Shazrin Mohamed Azmi	Exploring the Risks of Managing Stratified Property during the Developer's Management Period in Malaysia
5	50	A	UITM	Rabiatul Adawiyyah Abdul Apet, Muhammad Nuhikhwan Jamal, Nurul Liyana Hanapi and Mohamed Tajulz Ariff Samsuddin	Design for Disassembly as an Alternative Approach towards Minimization of Construction & Demolition Waste in Malaysia
6	52	А	UITM	Siti Rashidah Hanum Abd Wahab, Faudzi Muhammad, Nurul Nabila Mohd Sahri, Sheikh Ali Azzran Sh Said and Anis Rosniza Nizam Akbar	The Factors That Influence the Acceptance of BIM in The Facility Management Industry
7	57	А	UITM	Muhamad Zaihafiz Bin Zainal Abidin, Fadzil Hassan	Evolution of Project Management Body of Knowledge for Malaysian Construction Industry: A historical mapping.
8	2	А	UITM	Nurul Asra Abd Rahman, Syahrul Nizam Kamaruzzaman, Zainab Mohmad Zainordin, Zarina Alias and Emma Marinie Ahmad Zawawi	An Empirical Study on Best Practices for Mass Gathering in Religious Buildings During and Post COVID-19
9	66	Α	UITM	Aimi Ashikin Hanib, Azimah Othman	Cognitive Barriers to Implementation of Green Infrastructure

THEME:	ARCHITECTURE & URBAN PLANNING		
TIME & VENUE:	11.30 - 1.15PM		
SESSION CHAIR:	MR. HO CHEE LEONG		
TIME KEEPER:	DR. NURIL IZZEATY ISHAK		

No	ID	THEME	FROM	AUTHORS	TITLE
1	17	С	UITM	Batrisyia Nazri, Mariam Felani Shaari	Incorporating Nature in Outdoor Physical Environment of Kindergartens for Learning with Nature in Malaysia
2	86	С	MASSEY UNI	Regan Potangaroa, Suzzane Wilkinson, Robert Mulligan	A Resilience Model for the Construction Sector in NZ
3	11	С	Vijayawada, INDIA	Jagrati Jain, Sai Sesidhar Vullapu and Naina Gupta	Influence of accessibility of regional transport nodes on development of major settlements: A case study of Visakhapatnam Region
4	68	С	UITM	Hikmah Kamarudin, Basharudin Abdul Hadi, Eliyas Sulaiman Mohandas, Adib Zakwan Al-Qayyum Shahbuddin and Mushaireen Musa	The Adoption of the Go-Along Interview Method in Identifying Transportation Barriers for Mobility-Impaired Travelers
5	45	С	UITM	Rostam Yaman, Suwattana Thadaniti, Farrah Zuhaira Ismail, Noraini Ahmad and Sarah Rahman	Post-Occupancy Evaluation Comparative Analysis Towards Sustainable Township Development.
6	15	С	UITM	Fathimah Zakiyah Othman, Yazid Zaiki, Mohd Nasir Taib and Mariam Felani Shaari	Hospital Evacuation Route Designs: Impact on Brain Activity and Wayfinding Cognition During Fire Evacuation
7	75	С	IUKL	Fazleemardyana Omar Mohd, Ashraf Mohd Fateh and Suwaibah Besah @ Sitam	Current Approach of Cost Benefit Analysis (CBA) into Building Information Modelling (BIM) Application: Malaysia Government Project
8	74	С	UITM	Zainab Mohmad Zainordin, Md. Asrul Nasid Masrom, Nurul Asra Abd Rahman	An Initial Exploration on Issues Related to Building Certificates for Education Building Refurbishment Works
9	93	С	UITM	Farrah Norizzah Yussof, Hamimah Adnan and Rostam Yaman	Managing and implementation of Safe City of Local Authorities in Malaysia



THEME:	ENVIRONMENTAL CONST. TECH & DISASTER MANAGEMENT			
TIME & VENUE:	2.30 - 3.25PM			
SESSION CHAIR:	ASSOC. PROF. DR. ROSTAM YAMAN			
TIME KEEPER:	DR. SHAZA RINA SHAHAMIR			

No	ID	THEME	FROM	AUTHORS	TITLE
1	96	G	UITM	Ani Maslina Saleh, Iffah Farhana Abu Talib and Mohd Reeza Yusof	Community Resilience Preparedness against Disasters at High Altitude Area: Case Study of Chhomrong - Annapurna Base Camp, Nepal
2	105	G	UITM	Diyana Mohd Amin Ruslan Affendy Arshad	Navigating Project Managers' Practices in Managing Construction Projects During Covid-19 Pandemic in Malaysia.
3	54	G	UITM	Nurul Amira Mohd Yassin, Nor Aizam Adnan and Eran Md Sadek	GIS Analysis of Flash Flood Potential Index (FFPI) and Scenarios Assessment for Urban Area
4	127	В	UITM	Balkhiz Ismail, Siti Nurul Ainun Binti Mohd Mustafa and Awang Ihsan Awang Yunus	Building Performance Assessment on Post- Occupancy in Higher Education Building in Sarawak
5	103	E	UTHM	Sarah Yasmien Zakaria, Emedya Murniwaty Samsudin, Hasniza Abu Bakar, Lokman Hakim Ismail, Nik Mohd Zaini Nik Soh and Zawawi Ibrahim	A Review on the Effects of Sodium Hydroxide Pre-treated Natural Fibres on the Surface Morphology and Sound Absorption Performance
6	37	E	UITM	Nuril Izzeaty Ishak, Megat Azmi Megat Johari, Syed Fuad Saiyid Hashim and Mustafa Juma A.Mijarsh	Hydration reaction of Pozzolanic binders containing RHA and GGBS
7	47	E	UITM	Khalida Mohd Sukur, Rumaizah Mohd Nordin, Siti Nurfarahin Jaluddin and Ridzuan Yacob	Influence Of Poor Drainage System On Durability Of The Road Pavement
8	51	F	UITM	Mohd Reza Esa, Azizan Abdul Aziz and Muhammad Darwisy Al-Hafiz Mohd Ibrahim	IR 4.0: Framework of Industrialized Building System (IBS) Implementation for SMEs

THEME:	ARCHITECTURE & URBAN PLANNING AND CONST. TECHNOLOGY		
TIME & VENUE:	2.30 - 3.25PM		
SESSION CHAIR:	DR. FARRAH ZUHAIRA ISMAIL		
TIME KEEPER:	DR. SITI RASHIDAH HANUM ABD WAHAB		

No	ID	THEME	FROM	AUTHORS	TITLE
1	48	F	UITM	Nurul Liyana Hanapi, Azli Abd Razak	Staircase Efficiency during Evacuation Process in a High-Rise Building
2	49	F	UITM	Azlan Ariff Ali Ariff, Norfahani Zainuddin, Liyana Mahfuzah Mohd For, Emma Marinie Ahmad Zawawi and Julitta Yunus	Revit Simulation Application in Evaluating Fenestration Strategies towards Energy Conservation in Malaysian Intermediate Terraced Houses
3	56	С	UITM	Hafiszah Ismail, Muhamad Saiful Alizan Nordin and Faridah Muhamad Halil	Active Ageing and The Malaysian Generational Preferences for Retirement Village
4	129	В	UITM	Judith Jutaim, Nurulhudaya Abdul Hadi, Mohd Nabil Fikri Saaid, Mohd Asraf Ayob and Awang Ihsan Awang Yunus	Space Utilization Performance: A Case Study In FSPU, Block M, UiTM Sarawak
5	63	В	UITM	Mohd Reeza Yusof Mohd Najib Abd Rahsid and Mohd Ashraf Mohd Fateh	Adopting Automation and Robotics in Malaysian Industrialised Building System: An Asian Perspectives
6	76	В	UITM	Kamal Abd Ghafur Korusamy, Abdul Hadi Nawawi and Hafiszah Ismail	Development of a Framework of Addressing Fraud in Real estate Transactions using Blockchain Technology in Malaysia
7	69	F	UITM	Nur Fayyadhah Pasti, Zalida Salleh, Julitta Yunus, Emma Marinie Ahmad Zawawi and Azlan Ariff Ali Ariff	Daylight Utilisation of Low-Cost Housing Scheme in Sarawak, Malaysia
8	77	С	UITM	Nurul Asra Abd Rahman, Syahrul Nizam Kamaruzzaman, Farid Wajdi Akashah, Zarina Alias and Suryani Ahmad	The Development of Mosque Buildings Classification. By Thematic Analysis Method



