

IconCEES 2021 Presentation Schedule





Time/Room	Room 1	Room 2	Room 3	Room 4	Room 5
Day One: 15 November 2021					
9:00 AM	Opening Ceremony & Keynote Addresses (Room 1)				
11:00 AM	Break				
11:30 AM	061-029	003-011	096-059	051-017	116-078
	076-040	038-015	025-039	044-025	088-053
	080-049	050-016	010-107	064-031	033-019
	110-070	055-024	048-012	094-055	042-009
	115-077	003-030	053-021	099-060	043-010
	075-079	063-032	052-027	092-061	034-013
	129-097	142-116	065-033	101-062	036-014
	139-112	084-050	001-034	105-065	125-092
	140-118	030-054	072-037	106-066	040-020
	037-089	073-099	048-038	091-068	019-022
1:00 PM	Break				
2:00 PM	058-072	085-051	111-083	126-094	066-035
	020-080	087-052	123-085	126-096	068-036
	119-082	095-056	124-086	117-100	069-041
	120-084	028-003	083-087	082-102	069-043
	122-088	102-063	097-090	131-104	060-044
	139-119	107-067	121-103	136-109	081-046
		103-075	128-105		079-047
		100-081			049-048
					148-123
4:00 PM	End of Day One				

Time/Room	Room 1	Room 2	Room 3	Room 4	Room 5
Day Two: 16 November 2021					
9:00 AM	007-002	021-007	032-006	112-073	054-023
	030-004	135-108	067-045	086-093	056-028
	104-064	077-110	118-121	137-111	039-008
	093-071	077-114	147-122	138-113	109-074
	078-057	146-120	006-106	141-117	031-005
	078-042				062-091
					026-018
					127-095
				130-101	
				070-115	
1:00 PM	End of Day Two				


1. The 6-digit code indicates the presenter's Paper ID.
2. Scroll below to see Paper Titles and ID's.
3. The colour code indicates the thematic area.


	Architectural and Design Engineering
	Building and Construction Engineering
	Infrastructure and Geomatic Engineering
	Structural and Material Engineering
	Water and Environmental Engineering


Links to Virtual Rooms:


Room 1		https://uthm-edu-my.zoom.us/j/91437744644?pwd=ME1aaEc3RDQraIFWU2FJM2hvbU96Zz09
Room 2		https://uthm-edu-my.zoom.us/j/94299507222?pwd=dTZFTIFKaUFUOVBOcnpWeDA0QVYwZz09
Room 3		https://uthm-edu-my.zoom.us/j/92782891023?pwd=M0N3ektKbkxrOGZtNzM4K0xwWk51QT09
Room 4		https://meet.google.com/ypn-btvp-eqd
Room 5		https://meet.google.com/aav-dbgg-zbq


DAY ONE: 15 November 2021 (Monday)


Date	15 November 2021 (Monday)	
Room	Room 1  https://uthm-edu-my.zoom.us/j/91437744644?pwd=ME1aaEc3RDQralFWU2FJM2hvbU96Zz09	
Chairperson	Ts. Dr. NOOR DINA BINTI MD AMIN	
Paper ID	Paper Title	Presenter
061-029	A Seasonal Field Investigation to Perceive Outdoor Thermal Comfort and Thermal Adaption at Malacca Tourist Area-A Pilot Test	Golnoosh Manteghi
076-040	Responsive Design Approach towards the Sustainable Mosque Architecture	Nurul Syaheera Aziz
080-049	A Performance-Based Framework to Prioritize Adaptive Reuse Gallery: A Review On Sustainable Industrial Heritage Building in Malaysia & Australia	Nur Amalina Binti Hanapi
110-070	Environmental benefits achieved from project management of sustainable green buildings (SGBs) during the life cycle	Farah Ahram
115-077	Key Factors on Knowledge and Financial Related to the Uncertainties of BIM Adoption in the Interior Design Firms	Abu Bakar Abd Hamid
075-079	Perspectives in double-skin faade DSF advantages and disadvantages	Eman Al-Awag
129-097	Sustainability Assessment of Mosque: A Case Study of Design Proposal in Bandar Bertam Jaya, Penang	Khairul Asyraf
139-112	Community Perception on Third Place Generation and Planning for Enhanced Neighbourhood Interaction at Pengkalan Kubor, Malaysia	Azmal Sabil
140-118	Simulation Study on Natural Lighting Projection Through Faade Optimisation For A Proposed Disaster And Relief Center	Noor Dina Md Amin
037-089	The Impacts of Individual Characteristics and Workplace Politics on Work Productivity in Construction Projects	Mohd Amizan Mohamed @ Arifin


Date	15 November 2021 (Monday)	Time: 02:00 - 04:00 pm
Room	Room 1  https://uthm-edu-my.zoom.us/j/91437744644?pwd=ME1aaEc3RDQralFWU2FJM2hvbU96Zz09	
Chairperson	Dr. AZMAL BIN SABIL	
Paper ID	Paper Title	Presenter
058-072	Assessing the Impact of Housing Attributes on Housing Prices through a Hedonic Regression Analysis	Nur Asyikin Mohd Sairi
020-080	Comparative Study between Prefabricated Prefinished Volumetric Construction (PPVC) and IBS 2D: A Case Study of School Extension Project at Federal Territory of Putrajaya	Muhammad Afiq Tambichik
119-082	The Technology Landscape of Construction Material in The Indonesian Construction Industry	Rani G. K. Pradoto
120-084	Evaluation Criteria of Facilities Management through Public-Private Partnership (PPP) Scheme	Nurul Aqilah Binti Samsudin
122-088	A systematic review of studies examining the relationship between resilience and physical asset management for water system	Ahmad Tajjudin Rozman
139-119	The Application of Photogrammetry in Architecture Historical Documentation: The measured drawing of Tanjung Semberong Mosque and Teratak Selari Bonda	Azmal Sabil


Date	15 November 2021 (Monday)	Time: 11:30 - 01:00 pm
Room	Room 2  zoom https://uthm-edu-my.zoom.us/j/94299507222?pwd=dTZFTIFKaUFUOVB0cnpWeDA0QVYwZz09	
Chairperson	Ir. Dr. MOHD NORAZAM BIN YASIN	
Paper ID	Paper Title	Presenter
003-011	Relationship Model of Competitiveness and Productivity of the EPC Company in Indonesia	Mairizal Zainuddin
038-015	Approaching to energy delivery services model for Royal Belum Orang Asli community	Abdul Muhaimin Mahmud
050-016	Trends of the Compositions of Occupational Health and Safety Management Systems.	Kamoli Adetunji
055-024	Natural Hydraulic Lime Mortars for Hot-Humid Climates: Effects of Oyster Shells as Seeding Compound	Nadia Razali
003-030	Safety Factors Affecting School Buildings in West Sumatra - Indonesia	Mairizal Zainuddin
063-032	Comparison of the main factors of drowning/asphyxiation in construction projects using multi-decision criteria	Aminu Darda'u Rafindadi
142-116	A Factor Analysis To Establish A Group Of Causes Of Deferred Maintenance At Malaysia Public University Buildings	Mohd Norazam Yasin
084-050	Critical Risk Factor Affecting Cost Overrun in Highway Project of West Sumatera	Deddy Kurniawan
030-054	Preparing Building Information Modelling (BIM) As The Recent Technology for Facilities Management	Afzan Ahmad Zaini
073-099	Learning The Real Estate Market Resilience: The Effectiveness Of Internet Platforms In Marketing Strategy	Ezdihar Hamzah


Date	15 November 2021 (Monday)	Time: 02:00 - 04:00 pm
Room	Room 2  https://uthm-edu-my.zoom.us/j/94299507222?pwd=dTZFTIFKaUFUOVB0cnpWeDA0QVYwZz09	
Chairperson	PROF. MADYA Ts. Dr. KAMARUDIN BIN AMBAK	
Paper ID	Paper Title	Presenter
085-051	A Study On Factors Influencing Universiti Tun Hussein Onn Malaysia (UTHM) Postgraduate Students To Use Bicycle In Campus	Nursitihazlin Ahmad Termida
087-052	Probability Liquefaction On Silty Sand Layer On Central Jakarta	Putera Agung Maha Agung
095-056	Performance Of Cuplump Modified Binder (CBM) - HMA Containing Sasobit Wax.	Mazlina Mustafa Kamal
028-003	An Analysis of Accidents Involving Public Transport Along Highways	Fatin Najwa Mohd Nusa
102-063	A Systematic Review Of Marine Risk Assessment: The Fuzzy Analytic Hierarchy Process (Fahp)	Ayati Parmen
107-067	Influencing Factor To Use E-Hailing Transport For Food Delivery Service	Kamarudin Ambak
103-075	An Overview of Speed Model Study under Different Types of Facilities in Malaysia Roadway System	Syed Khairi Syed Abbas
100-081	Travel Behaviour Among Essential Services Workers During Covid-19 Pandemic	Nurshahira Sobri


Date	15 November 2021 (Monday)	Time: 11:30 - 01:00 pm
Room	Room 3  https://uthm-edu-my.zoom.us/j/92782891023?pwd=M0N3ektKbkxrOGZtNzM4K0xwWk51QT09	
Chairperson	En. SAIFULLIZAN BIN MOHD BUKARI	
Paper ID	Paper Title	Presenter
096-059	Analysis Of Types Of Severity Level And Trends In Road Accident Cases At Johor Inter State Road Using Analytical Hierarchy Process (Ahp) And Gis	Saifullizan Mohd Bukari
025-039	Slope Mass Rating (SMR) Classification for Rock Slope Stability and Geohazard Vulnerability Assessment	Aniza Albar
010-107	Volumetric Properties of Asphalt Mixture Containing Fly Ash Geopolymer	Hazirah Bujang
048-012	Evaluation of optimum asphalt content and engineering properties of asphalt mixture containing irradiated waste plastic bottles granules as aggregates	Aliyu Usman
053-021	The Impact of Deforestation On Land Surface Temperature: A Case study Highland Kundasang, Sabah.	Ricky Kemarau
052-027	Numerical analysis of embankment resting on floating bottom ash columns improved soft soil	Almando Bin Abbil
065-033	Effects of Seasonal Precipitation on the Amount of Seepage-A Case Study of Tunnel 3 of Bazai Irrigation Project Khyber Pakhtunkhwa	Arshad Ullah
001-034	A Literature Review Use of Steel Fibre in Asphalt Concrete Mixture in Hot Mix Asphalt	Sinatu Sadiah Shapie
072-037	Geopolymer utilization in the pavement industry: A review	Nura Shehu Aliyu Yaro
048-038	Waste Polyethylene Terephthalate granules modified by gamma irradiation and their effect as aggregates on moisture damage of asphalt mixtures	Aliyu Usman

Date	15 November 2021 (Monday)	
Room	Room 3  zoom https://uthm-edu-my.zoom.us/j/92782891023?pwd=M0N3ektKbkxrOGZtNzM4K0xwWk51QT09	Time: 02:00 - 04:00 pm
Chairperson	Sr. Dr. NAZIRAH BINTI MOHAMAD ABDULLAH	
Paper ID	Paper Title	Presenter
111-083	Technology Landscape for Surveying and Mapping in Construction Industry	Felix Hidayat
123-085	Utilizing Hydraulic Modelling and Geographical Information System in Developing a Water Distribution Network for Reclaimed Water	Muhammad Nur Aiman Adnan
124-086	Analysis of Passenger Satisfaction with MRT Jakarta Services during the Covid-19 Pandemic	Widodo Budi Dermawan
083-087	Empirical Shear Strength Criteria for Filled Jointed of Metasedimentary Sandstone	Mohd Mustaqim Mohd Nordin
097-090	GIS Communicate Emergency Preparedness Mapping: The Usability for Rural Area	Nazirah Binti Mohamad Abdullah
121-103	Impact of Emulsifier on Physical Properties of Emulsified Bitumen Residues	Syed Abdul Ghafar
128-105	Experimental Study of Using Recycled Waste Tyre for Sustainable Clay Soil Stabilisation	Nor Hazwani Md Zain


Date	15 November 2021 (Monday)	
Room	Room 4  Meet https://meet.google.com/yjn-btvb-eqd	Time: 11:30 – 01:00 pm
Chairperson	Ts. Dr. SHARIFAH SALWA BINTI MOHD ZUKI	
Paper ID	Paper Title	Presenter
051-017	Effect of Span Length on the Seismic Design Modification Factors of Steel Frames with High Ductility	Mohammadreza Vafaei
044-025	Mechanical Properties of Concrete with Recycled High-Density Polyethylene Macro Flat Fiber and Rice Hull Ash as Partial Replacement to Cement	Neslyn Principio
064-031	Influence of the Malaysia's National Annex for Seismic Design on the Size and Reinforcement Weight of Short Buildings	Sophia C. Alih
094-055	Short Term Ability of Concrete Containing Palm Oil Fuel Ash Exposed to Sodium Sulphate	Mohd Hanif Ismail
099-060	Mechanical Behaviour of Concrete Containing Crumb Rubber as Partial Fine Aggregates Replacement	Sharifah Salwa Mohd Zuki
092-061	Review on Application of GGBS as a Partial Cement Replacement in Concrete	Adek Ainie Mat Dom
101-062	Drying Shrinkage Properties and Initial Bonding Strength of 3D Printing Mortar	Koh Heng Boon
105-065	The Study of Aerodynamic Performance of Tall Buildings by Utilizing Aerodynamic Modifications -Review	Aiman Hasan Hamood Al-Masoodi
106-066	Performance-Driven Evaluation and Parametrical Design Approach for Sustainable Complex-Tall Building Design at Conceptual Stage	Fadi Hassan Mohammed Al-Khatib
091-068	A Review of Strength Performance of EFB ash and Mussel Shell ash as Replacement Material in Concrete	Fikri Omar


Date	15 November 2021 (Monday)	
Room	Room 4  Meet https://meet.google.com/ypn-btvb-eqd	Time: 02:00 – 04:00 pm
Chairperson	Dr. NURAZUWA BINTI MD NOOR	
Paper ID	Paper Title	
126-094	A Preliminary Study on Vibration Response of Profiled Steel Sheet Dry Board (PSSDB) System under Heel-drop Test	Masni A Majid
126-096	An Overview on Physical and Mechanical Properties of Bamboo as a Natural Reinforcement in Concrete	Masni A Majid
117-100	The effect of Thermal Contact Conductance (TCC) between aggregate inclusion and matrix on thermal conductivity of cement-based material	Sokvisal MOM
082-102	Effect of Palm Oil Fuel Ash and Eggshell Waste Powder on Compressive Strength and Heat of Hydration for Concrete	Zalipah Jamellodin
131-104	Investigation on material physical properties for application in seawater-RHA concrete	Nurazuwa Binti Md Noor
136-109	Preliminary Study of Sago Fine Waste as a Sand Replacement Material for Cement Brick	Suraya Hani Adnan


Date	15 November 2021 (Monday)	
Room	Room 5  Meet https://meet.google.com/aav-dbgg-zbq	Time: 11:30 – 01:00 pm
Chairperson	PROF. MADYA Ts. ChM. Dr. RADIN MAYA SAPHIRA BINTI RADIN MOHAMED	
Paper ID	Paper Title	
116-078	Flood Analysis and Non-Structural Approach for Flood Protection in Sg. Kelantan	Nurul Fatimah Bt Nor Azlan Sha
088-053	Study on Ammonia and Colour Removal from Leachate via Aerated Electrocoagulation (Ferum and Aluminium Electrode)	Nur Shaylinda Mohd Zin
033-019	Mapping of Potential Groundwater Using Electrical Resistivity Imaging (ERI) at Low Land Area of Parit Raja Johor	Akhtar Izzaty Riwayat
042-009	Study of the Waste Generation and Composition in Traditional Markets in the New Normal Era in Malang Regency, Indonesia	Hardianto
043-010	Assessment, Monitoring, and Reduction Strategy Development for Non- Revenue Water (NRW) of Calamba Water District (CWD), Calamba City, Laguna, Philippines	Kristine Cervancia
034-013	Study of Water Quality Based on Diversity of Macroinvertebrates Using Average Score Per Taxon Method in Corporate Social Responsibility Program Approach at Gunung Belumut and Gunung Lambak Waterfall	Aqilah Zakiah Jahani
036-014	Statistical Modelling of Extreme Temperature in Peninsular Malaysia	Jing Lin Ng
125-092	Microbial Growth Rate and Distribution of Doubling Time at Different Concentration of Oil Sludge Medium	Nur Zaida Zahari
040-020	Pre-Treatment of Laundry Greywater by Steel Slag for Safe Disposal	Radin Maya Saphira Radin Mohamed
019-022	Characteristics of sediment transport after morphological changes at Palu estuary as the impact of the 2018 tsunami	I Gede Tunas


Date	15 November 2021 (Monday)	Time: 02:00 – 04:00 pm
Room	Room 5  Meet https://meet.google.com/aav-dbgg-zbq	
Chairperson	Ts. Dr. SABARIAH BINTI MUSA	
Paper ID	Paper Title	Presenter
066-035	Rainwater harvesting at places of worship: a case study in Australia	Mohammad Abu Hurayra
068-036	Characterisation of hot days and heatwaves: A case study for Queensland State in Australia	Orpita Urmi Laz
069-041	Application of Coastal Protection Structure for Mangrove Rehabilitation & Rejuvenation of West Coast Johor. Case Study: Tanjong Labuh, Batu Pahat, Johor.	Mohd Adib Mohammad Razi
069-043	Flood Modelling Studies Using River Analysis System (HEC-RAS) For Flood Plain Area in Muar City	Mohd Adib Mohammad Razi
060-044	Concentrations of heavy metals in wood chips from wood-based manufacturing industries	Syafiqa Ayob
081-046	Frequency Analysis on Groundwater Consumption and Water Billed to the Community in Kelantan	Sabariah Musa
079-047	Effect of Spent Tea Leave Dosages on the Removals of Chemical Oxygen Demand and Total Phosphorus from Synthetic Food Processing Wastewater	Nur Adila Ab. Aziz
049-048	Innovative Trend Analysis of Reference Crop Evapotranspiration in Peninsular Malaysia	Stephen Yong Luo Sheng
148-123	Understanding the Alternative Evapotranspiration Estimation Methods for Batu Pahat Climatic Condition	Hartini Kasmin


DAY TWO: 16 November 2021 (Tuesday)

Date	16 November 2021 (Tuesday)	Time: 09:00 - 01:00 pm
Room	Room 1  https://uthm-edu-my.zoom.us/j/91437744644?pwd=ME1aaEc3RDQralFWU2FJM2hvbU96Zz09	
Chairperson	Ts. Dr. NOR HASLINDA BINTI ABAS	
Paper ID	Paper Title	Presenter
007-002	Factors Influencing The Purchasing Of Affordable Housings: Housing Purchasers Perspectives	Phui Fung Wong
030-004	Economic Model Of Green Building Construction	Afzan Ahmad Zaini
104-064	Mitigating Dispute Through Standard Form Of Contract	Suriana Yussof
093-071	Defining The Existence Of Housing Submarkets For The Terraced Properties In Johor Bahru, Malaysia.	Wendy Wen Xin Lim
078-057	Advantages and Challenges of Implementing Building Information Technology (BIM) in Industrialised Building System (IBS) Construction Project in Malaysia	Peniel Ang Soon Ern Ang
078-042	Acceptance on Building Information Modelling (BIM) Training in Selangor Construction Industry: Current Trend and Impediments	Peniel Ang Soon Ern Ang

Date	16 November 2021 (Tuesday)	Time: 09:00 - 01:00 pm
Room	Room 2  zoom https://uthm-edu-my.zoom.us/j/94299507222?pwd=dTZFTIFKaUFUOVB0cnpWeDA0QVYwZz09	
Chairperson	Pn. NOORLIYANA BINTI OMAR	
Paper ID	Paper Title	Presenter
135-108	A Study of Traffic Congestion Influenced by the Pattern of Land Use	Noorliyana Omar
021-007	Reliability of 15-minute UAV footage volume for estimating urban traffic flow rates: A preliminary study	Mohd Erwan Bin Sanik
077-110	Assessment on permanent deformation of hot mix asphalt contained Crystalline Waterproofing Additives as a filler	Rosnawati Buhari
077-114	Road profile generation based on real road profile for the Whole life pavement performance input data	Rosnawati Buhari
146-120	A Study on Check Dam Design at Peat Soil Area for Peat Fire Management	Nor Azizi Yusoff

Date	16 November 2021 (Tuesday)	Time: 09:00 - 01:00 pm
Room	Room 3  zoom https://uthm-edu-my.zoom.us/j/92782891023?pwd=M0N3ektKbkxrOGZtNzM4K0xwWk51QT09	
Chairperson	Dr. MOHAMMAD NASIR BIN MOHAMAD TAHER	
Paper ID	Paper Title	Presenter
067-045	Simulating the Impact of Vehicle Speed on the Life of Bituminous Pavement	Muhammad Imran Khan
118-121	Adhesion Characterization of Palm Oil Mill Sludge Modified Asphalt Binder	Nurul Hidayah Mohd Kamaruddin
032-006	Structural Behavior of Different Fill Materials for Low Cost Housing Earthbag Sustainable Construction: Case Study of Budaka District, Uganda	Ainomugisha Safiki
147-122	Investigating the Properties of Asphalt Mixes Containing Recycled Polyethylene Terephthalate Fiber	Mohamad Yusri Aman
006-106	Dynamic Creep Performance of Hot Mix Asphalt Mixture Incorporating Fibre	Mohammad Nasir Mohamad Taher

Date	16 November 2021 (Tuesday)	Time: 09:00 - 01:00 pm
Room	Room 4  Meet https://meet.google.com/ypn-btvb-eqd	
Chairperson	Dr. SITI RADZIAH BINTI ABDULLAH	
Paper ID	Paper Title	Presenter
112-073	A review: Study on spent garnet as construction material	Shahrul Niza Mokhtar
086-093	Prediction of Vibration Criteria Assessment on Floor due to Human Walking	Tuan Norhayati Tuan Chik
137-111	Strengthening of reinforced concrete beams with circular opening at flexure zone by various types of Fiber Reinforced Polymer	Noor Azlina Abdul Hamid
138-113	Surface Temperature Profile of Cement Mortar with Infiltrated Water	Mariana Dina Anak Malong
141-117	Initial properties of 3D printing concrete using Rice Husk Ash (RHA) as Partial Cement Replacement.	Siti Radziah Abdullah

Date	16 November 2021 (Tuesday)	
Room	Room 5  Meet https://meet.google.com/aav-dbgg-zbq	Time: 09:00 - 01:00 pm
Chairperson	Dr. NOR AMANI FILZAH BINTI MOHD KAMIL	
Paper ID	Paper Title	Presenter
054-023	Treatment of Fiberboard Industrial Wastewater Sludge by using Bioaugmentation and Solidification and Stabilization (S/S) Method in Short Duration	Nor Amani Filzah Mohd Kamil
056-028	Removal of Phosphorus from Domestic Wastewater by Using L-shape Semi Aerated Steel Slag Filter System	Rafidah Hamdan
039-008	The Effectiveness of Non-Woven Geotextiles As A Filter Media For Total Suspended Solid Removal	Suzana Ramli
109-074	MSMA Implementation Factors in Integrated Stormwater Management	Mohd Luqman Bin Ismail Ismail
031-005	Adsorption Isotherms of DMP, DEP, DBP and BBP Compounds in Synthetic and Sembrong River Sediment	Krystabel Jonya Anak Rapok
026-018	Evaluation of rainwater harvesting systems in three major cities of New South Wales	Preeti
062-091	Preliminary Assessment on Water Quality of Different Wastewater Using Solar Water Distillation Technique	Zaizatul Zafflina Mohd Zaki
127-095	Assessment of Specific Methanogenic Activity from Cow Dung	Roslinda Seswoya
130-101	Food waste type and moisture content influence on the <i>Hermetia illucens</i> (L.), (Diptera: Stratiomyidae) Larval Development and Survival	Dzulaikha Khairuddin
070-115	The Application of Total Maximum Daily Load (TMDL) Approach in Water Quality Assessment for The Batu Pahat River	Mohd Shalahuddin Adnan