

4 December 2017 (Day One)					5 December 2017 (Day Two)				
Time	Room				Room			Time	
	Ballroom	Ruby	Emerald	Diamond	Ruby	Emerald	Diamond		
8:00 AM	Registration				Registration			8:00 AM	
8:45 AM	Opening Ceremony				2460	2461	2550	8:45 AM	
9:15 AM	Keynote Address 1				2576	2443	2286		
					2577	2450	2382		
					2479	2429	2730		
					2287	2442	2731		
10:00 AM	Coffee Break				Coffee Break			10:00 AM	
10:15 AM	Keynote Address 2				2520	2531	2650	10:15 AM	
11:00 AM	Memento Presentation				2459	2507	2380		
	Preparation for Technical Sessions				2396	2310	2553		
					2458	2409	2639		
					2496	2509	2088		
					2530	2441	2119		
					2326	2455	2549		
					2623	2519	2224		
				2464	2617	2481			
1:00 PM	Lunch Break				Lunch Break			1:00 PM	
2:00 PM	2285	2399	2621	2513	2543	2492	2691	2:00 PM	
	2529	2480	2618	2657	2401	2533	2557		
	2559	2484	2539	2050	2707	2454	2322		
	2547	2510	2717	2258	2668	2548	2565		
	2721	2411	2629	2537	2724	2656	2528		
	2542	2250	2167	2339	2733	2551	2503		
	2490	2706	2378	2501	2745	2444	2613		
	2437	2688	2426	2628	2498	2651	2614		
4:00 PM	Tea Break				Tea Break			4:00 PM	
4:15 PM	2304	2415	2525	2540	2521	2552	2591	4:15 PM	
	2465	2476	2087	2558	2369	2080	2376		
	2532	2843	2486	2575	2566	2097	2560		
	2265	2495	2482	2573	2039	2098	1991		
	2578	2433	2631	2306	2524	2499	2312		
	2259	2684	2405	2298	2546	2514	2527		
	2229	2103	2554	2471	End of Day Two				6:00 PM
	2488	2147	2571	2384					
	2572	2526	2590						
	2045	2535	2638						
7:00 PM	End of Day One								

- Note:
- a. The 4-digit number indicates your Paper ID.
 - b. Poster presentations will take place at the Foyer on 4 December 2017 from 11:30 AM to 1:00PM.

	Water and Environmental Engineering
	Infrastructure Engineering
	Construction Engineering, Built Environment and Architecture
	Structural and Materials Engineering

Day One (4 December 2017)

4-Dec 11:30 AM - 1:00 PM		Room: Ballroom	Chair: Norzila Othman
Paper ID	Title	Author(s)	Affiliation
2421	Development of Polyvinylidene fluoride (PVDF)-ZIF-8 Membrane for Wastewater Treatment	Nurul Asyiqin Ibrahim, Mohd Dzul Hakim Wirzal, Nik Abdul Hadi Sapiaa @ Md Nordin, Muhammad Roil Bilad, Zulfan Adi Putra, Aqsha Aqsha, Nur Syakinah Abd Halim	Chemical Engineering Department, Universiti Teknologi Petronas
2494	Effect of different loading of ionic liquid modified silica fillers on the performance of mixed matrix membrane	Siti Nur Alwani Shafie, Nik Abdul Hadi Sapiaa, Zakaria Man	Chemical Engineering Department, Universiti Teknologi PETRONAS
2120	Removal of Escherichia coli via low- electromagnetic field in riverbank filtration system	Rosaitah Selamat	University Sains Malaysia
2561	Energy Harvesting from Salinity Gradient	Khairul Nisak Md Hasan, Bilal Muhthassim, Thian Xian Khai	Department of Electrical & Electronic Engineering, Universiti Teknologi Petronas
2447	Sugarcane bagasse powder as biosorbent for reactive red 120 removals from aqueous solution	Solehah Ahmad, Wong Yee Ching, Krishna Veni Veloo	Faculty of Agro-Based Industry, University of Malaysia Kelantan
2489	Kinetics, Isotherm, and Mechanism of Methylene Blue Adsorption on Aloe vera Rind Powder	Megat Ahmad Kamal Megat Hanafiah, Siti Zubaidah Jamaludin, Khadijah Khalid, Shariff Che Ibrahim	Faculty of Applied Sciences, Universiti Teknologi MARA, 26400, Jengka, Pahang, Malaysia
4-Dec 2:00 PM - 4:00 PM		Room: Ballroom	Chair: Mohd Shalauddin Adnan
Paper ID	Title	Author(s)	Affiliation
2285	Analysis the Accuracy of Digital Elevation Model (DEM) for Developing Flood Modeling on Lowland Area	Ku Hasna Zainurin Ku Zainol Abidin, Mohamad Adib Mohd Razi, Saifullizan Mohd Bukari	Department of Water and Environmental Engineering, Faculty of Civil and Environmental Engineering
2529	Determining The Side Channel Area In The Ciliwung Watershed For Decreasing The Hydrograf Flood	Fani Yayuk Supomo, Muh. Saleh Pallu, Muh. Arsyad Thaha dan Rita Tahir Lopa	Civil Engineering, Hasanuddin University
2559	A Physical Model of an Embankment Failures	Zainab Mohamed Yusof, Mohd Syukri Abdul Rahman, Ahmad Khairi Abdul Wahab, Zulhlimi Ismail and Shahabuddin Amerudin	Universiti Teknologi Malaysia
2547	Hydrodynamic modelling of 2014 flood event in Kuala Krai with and without the proposed dams in reducing flood hazard	Syaza Faiqah Maruti, S Amerudin, W H W Kadir, Z M Yusof	Department of Geoinformation, Faculty of Geoinformation and Real Estate, Universiti Teknologi Malaysia
2721	Analysis of the Accuracy of Digital Elevation Model (DEM) for Flood Modeling on Lowland Area	Ku Hasna Zainurin, Mohamad Adib Mohd Razi, Saifullizan Mohd Bukari	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia
2542	Evaluating Aspects of Environment, Erosion and Sedimentation to be Coastal Area Sustainability (A Case Study in Jepara Regency, North Central Java, Indonesia)	Slamet Imam Wahyudi, Henny Pratiwi Adi, M. Faiqun Niam	Department of Civil Engineering, Sultan Agung Islamic University
2490	Natural Attenuation, Biostimulation and Bioaugmentation of Landfill Leachate Management	Er Xin Yi, Seow Ta Wee, Lim Chi Kim, Zaharah Ibrahim	Faculty of Technology and Business Management, Universiti Tun Hussein Onn Malaysia
2437	Hydrogeochemical assessment of mine-impacted water and sediment of iron ore mining	Fatin Nur Atirah Affandi, Faradiella Mohd Kusin, Nur Aqilah Sulong, Zafira Madzin	Department of Environmental Sciences, Faculty of Environmental Studies, Universiti Putra Malaysia

4-Dec 4:15 PM - 7:00 PM		Room: Ballroom	Chair: Radin Maya Saphira Radin Mohamed
Paper ID	Title	Author(s)	Affiliation
2304	An Overview for Enzymatic Treatment of Xenobiotic in Greywater by Fungi	Efaq Noman, Adel Al-Gheethi, Balkis A. Talip, Radin Maya Saphira Radin Mohamed, Nagao Hideyuki, NiK N Ab. Rahman, Amir Hashim MK	Faculty of Science, Technology and Human Developments, UTHM
2465	Applicability of anaerobic membrane bioreactors for landfill leachate treatment: Review and opportunity	Mohammed J K Bashir, Salahaldin M A Abuabdou, Ng Choon Aun, Sumathi Sethupathi	Department of Environmental Engineering, Faculty of Engineering and Green Technology (FEGT), Universiti Tunku Abdul Rahman, Kampar
2532	Treatability of stabilize landfill leachate by using pressmud ash as an adsorbent	Nurul Nadiyah Mohd Azme, Mohamad Fared Murshed	School of Civil Engineering, Universiti Sains Malaysia
2265	Characteristic of leachate at Alor Pongsu Landfill Site, Perak, Malaysia: A comparative study	Siti Nor Farhana Zakaria, Hamidi Abdul Aziz	School of Civil Engineering, Engineering Campus, Universiti Sains Malaysia
2578	Chemical Relationship On Detection Of Ganoderma Disease On Oil Palm Tree System	Siti Nurulhuda Mohd Imran, Fauzi Baharudin, Mohd Fozi Ali, Mohd Hezri Fazalul Rahiman	Faculty of Civil Engineering, Universiti Teknologi MARA, Shah Alam
2259	Closed Landfill Leachate Treatment Using Brevibacillus Panacihumi Strain ZB1	Er Xin Yi, Seow Ta Wee, Lim Chi Kim, Zaharah Ibrahim, Siti Hajar Mat Sarip	Faculty of Technology and Business Management, Universiti Tun Hussein Onn Malaysia
2229	Optimization of Manganese Adsorption by Ferromanganese Ore and Humus Mixture using Three-factor Response Surface Methodology	Norinsafrina Mustaffa Kamal, Hamidi Abdul Aziz, Hashim Hussin	School of Civil Engineering, University Sains Malaysia
2488	Tidal Flood Handling through Community Participation in Drainage Management System (A case study of the first water board in Indonesia)	Henny Pratiwi Adi, Slamet Imam Wahyudi	Civil Engineering Department of Sultan Agung Islamic University, Jl. Raya Kaligawe Km.4, Semarang, Indonesia
2572	Optimization of energy consumption of tilted panel filtration system for microalgae filtration	A Eliseus, Muhammad Roil Bilad, N A H M Nordin, Z A Putra	Chemical Engineering Department, Faculty of Engineering, Universiti Teknologi PETRONAS
2045	Effect of temperature on oil palm plantation residues via torrefaction process	Saidatul Shima Jamari	Universiti Malaysia Pahang

4-Dec 11:30 AM - 1:00 PM		Room: Ruby	Chair: Mohammad Soffi Md Noh
Paper ID	Title	Author(s)	Affiliation
2485	The Effect of Carbon Black Filler to the Rubber Bearing as Base Isolation System	Rozaina Ismail, Zul Azarizi Mahadi and Izzul Syazwan Ishak	Faculty of Civil Engineering, Universiti Teknologi MARA (UiTM), Shah Alam,
2517	Effects of different crumb rubber sizes on the flowability and compressive strength of hybrid fibre reinforced ECC	Veerendrakumar C Khed, Bashar S. Mohammed & Muhd Fadhil Nuruddin	Department of Civil and Environmental Engineering, Universiti Teknologi PETRONAS
2562	Axial and Flexural load test on untreated Bamboocrete multi-purpose panel	Norhasliya Mohd Daud, Norazman Mohamad Nor, Mohamed Alias Yusof, Muhamad Azani Yahya, Vikneswaran Munikanan	Faculty of Engineering, Universiti Pertahanan Nasional Malaysia
2289	Effect of amorphous silica ash used as a partial replacement for cement on the compressive and flexural strengths cement mortar.	Aliyu Usman, Muhammad B. Ibrahim, Nura Bala	Department of Civil Engineering, Ahmadu Bello University Zaria
2569	Application of nanomaterials to enhance microstructure and mechanical properties of concrete	M A Kewalramani and Z I Syed	Department of Civil Engineering – Abu Dhabi University
2693	Effect of unground oil palm ash as mixing ingredient towards properties of concrete	M A Sulaiman, K Muthusamy, S Mat Aris, M H Mohd Rasid, R Paramasivam, R Othman	Faculty of Civil Engineering and Earth Resources, Universiti Malaysia Pahang

4-Dec 2:00 PM - 4:00 PM		Room: Ruby	Chair: Shahrul Niza Mokhtatar
Paper ID	Title	Author(s)	Affiliation
2399	Rotation Stiffness of Precast Beam-Column Connection using Finite Element Method	N Hashim and J Agarwal	UTM Razak School Engineering and Advance Technology, Malaysia
2480	Enhancement of CFD validation exercise along the roof profile of a low-rise building	Siti Noratikah Che Deraman, Taksiah A Majid, Shaharudin Shah Zaini, Wan Nurfariza Wan Yahya, Junaidah Abdullah, Mohd Azmi Ismail	Disaster Research Nexus, School of Civil Engineering, Universiti Sains Malaysia, Engineering Campus
2484	CFD simulation on the pressure distribution for an isolated single-story house with extension: grid sensitivity analysis	Wan Nurfariza Wan Yahya, Shaharudin Shah Zaini, Mohd Azmi Ismail, Taksiah A Majid, Siti Noratikah Che Deraman, Junaidah Abdullah	Disaster Research Nexus, School of Civil Engineering, Kampus Kejuruteraan, Universiti Sains Malaysia
2510	CFD Prediction on the Pressure Distribution and Streamlines around an Isolated Single-Storey House Considering the Effect of Topographic Characteristics	Junaidah Abdullah	Disaster Research Nexus, School of Civil Engineering, Engineering Campus, Universiti Sains Malaysia
2411	An accurate algorithm of numerical integration for computing seismic responses of inelastic structures	M Miyahara, K Ijima, H Obiya and M Nizam	Department of Civil Engineering and Architecture, Graduate School of Science and Engineering, Saga University, Japan
2250	Vibration-response due to thickness loss on steel plate excited by resonance frequency	S A Kudus, Y Suzuki, M Matsumura and K Sugiura	Department of Civil and Earth Resources Engineering, Kyoto University, Japan
2706	Earthquake Damping Device for Steel Frame	Mohd Zamri Ramli, Dezoura Delfy, Azlan Adnan, and Zaida Torman	Engineering Seismology and Earthquake Engineering Research (e-SEER), Faculty of Civil Engineering, Universiti Teknologi Malaysia
2688	Prediction of optimum compressive strength of light-weight concrete using response surface design	Damilola Oyewumi Oyejobi	Department of Civil Engineering University of Malaya, Kuala Lumpur

4-Dec 4:15 PM - 7:00 PM		Room: Ruby	Chair: Ahmad Fahmy Kamarudin
Paper ID	Title	Author(s)	Affiliation
2415	Mechanically rational forms of curved surface structures shaped from the uniform strain elements	K Tanaka, K Ijima, H Obiya and M Nizam	Department of Civil Engineering and Architecture, Graduate School of Science and Engineering, Saga University, Japan
2476	Potential function of element measurement for form-finding of wide sense tensegrity	Cho Kyi Soe, H Obiya, D Koga, M Nizam b Z and K Ijima	Graduate School of Science and Engineering, Saga University, JAPAN
2843	Case studies for buildings subjected to corrosion and cracking	Norwati Jamaluddin	Faculty of Civil and Environment Engineering, University Tun Hussein Onn Malaysia
2495	Utilization of construction and agricultural waste in Malaysia for development of Green Concrete: A Review	M. A. Tambichik, A. A. Abdul Samad, N. Mohamad, M. Z. Bosro and M. A. Iman	Department of Structural and Material Engineering, Faculty of Civil and Environment Engineering, Universiti Tun Hussein Onn Malaysia
2433	Performance of composite sand cement brick containing recycle concrete aggregate and waste polyethylene terephthalate with different mix design ratio	Nurul Bazilah Azmi. Faisal Sheikh Khalid	Faculty of Civil and Environment Engineering, University Tun Hussein Onn Malaysia
2559	A Physical Model of an Embankment Failures	Zainab Mohamed Yusof, Mohd Syukri Abdul Rahman, Ahmad Khairi Abdul Wahab, Zulhlimi Ismail and Shahabuddin Amerudin	Universiti Teknologi Malaysia
2684	Properties of High Strength Concrete Applied on Semarang - Bawen Highway	Prabowo Setiawan, Antonius, R Hawik Jenny Wedyowibowo	Department of Civil Engineering, Faculty of Engineering, Sultan Agung Islamic University, Semarang, Indonesia
2103	Variation of Time Domain Failure Probabilities of Jack-up with Wave Return Periods	Ahmad Idris	Department of Civil Engineering, Universiti Teknologi Petronas

2147	Deformation and Heat Transfer on Three Sides Protected Beams under Fire Accident	Muhammad Imran	Department of Civil Engineering, Universiti Teknologi Petronas
2526	Precast Self-Compacting Concrete (PSCC) Panel with added Coir Fiber: An Overview	Muhamad Afif Iman, Noridah Mohamad, Abdul Aziz Abdul Samad, W I Goh, M. A. Othuman Mydin, Muhamad Afiq Tambichik, Mohamad Zulhairi Mohd Bosro, A. Wirdawati, N. Jamaluddin	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia
2535	Review on factors influencing TC of concrete incorporating various type of waste materials	Zainora Misri, Mohd Haziman Wan Ibrahim, A S M A Awal, M S M Desa and N S Ghadzali	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia

4-Dec	11:30 AM - 1:00 PM	Room: Emerald	Chair: Munzilah Md Rohani
Paper ID	Title	Author(s)	Affiliation
2275	Prediction of soil anisotropic stress-strain behaviour incorporating shear strength using improvise normalised stress-strain method	Abdul Samad Abdul Rahman, Mohd Jamaludin Md Noor, Ismacahyadi Bagus Mohammed Jais, Anas Ibrahim	Faculty of Civil Engineering, Universiti Teknologi MARA, Shah Alam
2301	Bamboo leaf ash as the stabilizer for soft soil treatment	Abdul Samad Abdul Rahman, Ismacahyadi Bagus Mohamed Jais, Norbaya Sidek, Juhaizad Ahmad, Mohd IkmalFazlan Rozli @ Rosli	Faculty of Civil Engineering, Universiti Teknologi MARA, Shah Alam
2518	Evaluating The Road Damage Of Flexible Pavement Using Digital Image	Ida Ayu A. Angreni, Sakti Adji Adisasmita, M. Isran Ramli dan Sumarni Hamid	Hasanuddin University
2570	Speed Correlation and Emission of Truck Vehicles on Dynamic Conditions	Mukhtar Lutfie Luwuk, L Samang, S A Adisasmita, M I Ramli	Civil Engineering, Hasanuddin University
2168	Tools for Regulation of Travel Behaviour in Small and Medium Towns	Jiri Carsky, Jan Gallia	Czech Technical University in Prague Faculty of Transportation Sciences
2093	Comparison between satisfaction level of the blind and observation of the researcher on urban transportation system	Leksmono Suryo Putranto, Dwi Amintra Putri	Tarumanagara University Civil Engineering Department

4-Dec	2:00 PM - 4:00 PM	Room: Emerald	Chair: Joewono Prasetijo
Paper ID	Title	Author(s)	Affiliation
2621	Road traffic noise prediction model for heterogeneous traffic based on ASJ-RTN model 2008 with consideration of horn	Muralia Hustim, Z Arifin, S H Aly, M I Ramli, R Zakaria, and A Liputo	Department of Environmental Engineering, Hasanuddin University.
2618	Optimization and Flight Schedules of Pioneer Routes in Papua Province	Yoniman Ronting, Sakti Adji Adisasmita, Sumarni Hamid, Muralia Hustim	Department of Civil Engineering Hasanuddin University
2539	Model of Safety Commuter Train Passenger with Positive Behavior Approach in Suburban Areas	Doddy Ari Suryanto, Sakti A Adisasmita, Sumarni Hamid, Muralia Hustim	University of Hasanuddin, Makassar, Indonesia
2717	Model Analysis of People Movement On Motorcycle Taxi (Ojek) Online at the Center of Educational Activities at MercuBuana University	Muhammad Isradi, Liani Ade Wido Wati, Madjumsyah Hariadi, Muhammad Rifqi	Faculty of Engineering, University Mercu Buana Jakarta
2629	The Relationship Analysis between Motorcycle Emission and Road Facilities under Heterogeneous Traffic Situation	Zarah Arwieny Hanami, Muhammad IsranRamli, Sumarni Hamid Aly, Mubassirang Pasra, Muralia Hustim	Department of Environmental Engineering, Hasanuddin University
2167	Findings of the safety inspections done on the TEN-T road network in the Czech Republic	Jiri Carsky, Adela Johanidesova, Josef Kocourek	Czech Technical University in Prague Faculty of Transportation Sciences.
2378	Determination of Shear Wave Velocity in Offshore Terengganu for Ground Response Analysis	Mazlina Mohamad, M.S. Liew, Azlan Adnan, Indra Sati Hamonangan Harahap, Nor Hayati Abdul Hamid	Universiti Teknologi Petronas
2426	Moisture Sensitivity of Crumb Rubber Modified Modifier Warm Mix Asphalt Additive for Two Different Compaction Temperatures	Munder A M Bilema, Mohamad Y B Aman, Norhidayah A Hassan and Kabiru A Ahmad	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia

4-Dec 4:15 PM - 7:00 PM		Room: Emerald	Chair: Mustafa Anjang Ahmad
Paper ID	Title	Author(s)	Affiliation
2525	A State-of-the-Art Anisotropic Rock Deformation Model Incorporating the Development of Mobilised Shear Strength	Mohd Jamaludin Md Noor, Ahmad Fadzil Jobli	Faculty of Civil Engineering, Universiti Teknologi MARA
2087	Optimisation of Nanocomposite Modified Asphalt Mixtures Fatigue Life using Response Surface Methodology	Nura Bala, Madzlan Napiah, Ibrahim Kamaruddin and Nasiru Danlami	Department of Civil & Environmental Engineering, Universiti Teknologi Petronas
2486	Seismic Performance for Vertical Geometric Irregularity Frame Structures	Rozaina Ismail, Nor Amira Mahmud and Izzul Syazwan Ishak	Institute for Infrastructure Engineering and Sustainable Management (IIESM), Universiti Teknologi MARA
2482	Normalized Rotational Multiple Yield Surface (NRMYS) Stress-Strain Curve Prediction Method Based on Small Strain Triaxial Test Data on Undisturbed Auckland Residual Clay Soils	Anas Ibrahim, Mohd Jamaludin Md Noor, Abdul Samad Abdul Rahman	Faculty of Civil Engineering, UiTM Cawangan Pulau Pinang
2631	Laboratory Test on Maximum and Minimum Void Ratio of Tropical Sand Matrix Soils	Bakhtiar Affandy Othman, Aminaton Marto	Disaster Preparedness and Prevention Centre, Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia Kuala Lumpur
2405	Effect of Lime Stabilization on Vertical Deformation of Laterite Halmahera Soil	Zubair Saing	Civil Engineering Department of Muhammadiyah University of North Maluku, Indonesia
2554	Strength Of Mortar Containing Rubber Tire Particle	Mohamad Amir Jusoh, Siti Radziah Abdullah, Suraya Hani Adnan	Faculty of Civil and Environment Engineering, University Tun Hussein Onn Malaysia
2571	A Microscopic Analysis of Crowd Behaviour at Dewan Sultan Ibrahim (DSI), UTHM on Convocation Day during the Emergency Situation by using the Crowd Behavior Simulator for Disaster Evacuation	Mohd Firdaus Mohamad Ali, Muhammad Salleh Abustan, Siti Hidayah Abu Talib	Faculty of Civil and Environment Engineering, University Tun Hussein Onn Malaysia
2590	A study of energy expenditure based on walking speed reduction during walking upstairs situation	Mohd Firdaus Mohamad Ali, Muhammad Salleh Abustan, Siti Hidayah Abu Talib	Faculty of Civil and Environment Engineering, University Tun Hussein Onn Malaysia
2638	Stabilization of Peat Soil by using Envirotac and High Density Polyethylene (HDPE)	Putri Nur Farah Izati Norazam, Alvin John Lim Meng Siang, Ismail Bakar	Faculty of Civil and Environment Engineering, University Tun Hussein Onn Malaysia

4-Dec 11:30 AM - 1:00 PM		Room: Diamond	Chair: Izudinshah Abd Wahab
Paper ID	Title	Author(s)	Affiliation
2555	A Qualitative Comparison on Guidelines for Safe Commuting Specifically for Construction Practitioners	Ezza Suliana Abd. Sukor, A. Suratkon, H. Mohammad, S. K. Yaman	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia
2732	Scheduling of House Development Projects with CPM and PERT Method for Time Efficiency (Case Study: House Type 36)	Nurul Alfa Bonitasari, Muhammad Kholil	Industrial Engineering Study Program, Engineering Faculty, Universitas Mercu Buana, Jakarta, Indonesia
2424	Categorization of Potential Project Cost Overrun Factors in Construction Industries	K Priyadatchini, A A Halid, N Sasitharan, S Samiullah, V Kogilavani and K Dharsni	Universiti Tun Hussein Onn Malaysia
2744	Airport Sustainability and Central Business District in Airport Area	Muhammad Ikhsan Setiawan	Narotama University, Surabaya, Indonesia
2538	How Effective is Mandatory Building Energy Disclosure Program in Australia?	Sumin Kim, Benson T.H Lim	Faculty of Built Environment, University of New South Wales, Sydney, Australia
2563	Sustainable Procurement in Australia: Quantity Surveyors' perception on Life Cycle Costing	Benson Lim, Wanting Zhang, Bee Lan Oo	Faculty of Built Environment, University of New South Wales, Sydney, Australia

4-Dec 2:00 PM - 4:00 PM		Room: Diamond	Chair: Muhammad Fikri Hasmori
Paper ID	Title	Author(s)	Affiliation
2513	Constraints to 3R construction Waste Reduction among Contractors in Penang	Ng Lee Shan, Tan Lai Wai, Seow Ta Wee	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia
2657	A Guideline for Interpersonal Capabilities Enhancement to support Sustainable Facility Management practice	Norliana Sarpin	Faculty of Technology Management & Business, Universiti Tun Hussein Onn Malaysia
2050	Impact of leadership qualities on employee commitment in multi-projects based organizations	Muhammad Waris Ali Khan	Faculty of Industrial Management, Universiti Malaysia Pahang
2258	Occupational Fatal Injuries In Malaysian Construction Sector– Causes And Accidental Agents	Afifah Ayob, Afifah Ayob	School Of Environmental Engineering Universiti Malaysia Perlis
2537	Non-structural Components influencing Hospital Disaster Preparedness in Malaysia	Nor Malyana Samsuddin, Roshana Takim, Abdul Hadi Nawawi, Muhammad Redza Rosman	Faculty of Architecture, Planning & Surveying, Universiti Teknologi MARA
2339	Building Information Modelling: Challenges and Barriers Implement BIM for Interior Design Industry in Malaysia	Abu Bakar Abd Hamid, Mohd Zafrullah Mohd Taib, Ahmad Haqqi Nazali Abdul Razak, Mohamed Rashid Embi	Faculty of Architecture, Planning & Surveying, Universiti Teknologi MARA
2501	Factors affecting performance of construction companies: exploratory factor analysis	Eiei Soewin, T Chinda	School of Management Technology, Sirindhorn International Institute of Technology, Bangkok, Pathum Thani
2628	Policy analysis of the budget used in training program for reducing lower back pain among heavy equipment	Hashini Paramitha Vitharana Vitharanage, Thanwadee Chinda	School of Management Technology, Sirindhorn International Institute of Technology, Bangkok, Pathum Thani

4-Dec 4:15 PM - 7:00 PM		Room: Diamond	Chair: Noor Yasmin Zainun
Paper ID	Title	Author(s)	Affiliation
2540	Overview of Building Information Modelling (BIM) Adoption for construction organisations	Wan Nur Syazwani Mohammad, Mohd Rofdzi Abdullah, Sallehan Ismail, Roshana Takim	Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA (UiTM)
2558	Comparative Analysis of JKR Sarawak Form of Contract and Malaysia Standard Form of Building Contract (PWD203A)	Awang Ihsan Awang Yunus, Wan Mohd Nurdden Wan Muhammad, Mohammad Nabil Fikri Saaid	Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA (UiTM)
2575	Procurement of construction services: a case study on Singapore public sector contracts	Bee Lan Oo, Yimin Yan	Faculty of Built Environment, University of New South Wales, Sydney, Australia
2573	Study On Acoustic Quality Levels In Mosques At Batu Pahat	Nor Azizah Adnan, Raja Nafida Raja Shahminan, Fawazul Khair Ibrahim, Hannifah Tami, M. Rizal Yusuff, Emedya Murniwaty Samsudin, Isham Ismail	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia
2306	Wind load effects on high rise buildings in Malaysia	Nizamani Zafarullah	Environmental Engineering Department, Faculty of Engineering and Green Technology, Kamapar, Universiti Tunku Abdul Rahman, Malaysia
2298	Challenges of integrating affordable and sustainable housing in Malaysia	Shariffah Zatil Hidayah Syed Jamaludin	Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA (UiTM)
2471	Green Related Practices For Construction Procurement	Zafikha Aida Bidin, Asmah Alia Mohamad Bohari, Syamimi Liyana Amat Rais, Munira Mohd Saferi	Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA (UiTM)
2384	Issues Engulfed Saudi Arabia Construction Workers	Nashwan Hamid Al-Emad, Ismail Abdul Rahman	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia

Day Two (5 December 2017)

5-Dec	8:45 AM - 10:00 AM	Room: Ruby	Chair: Nor Amani Filzah Mohd Kamil
Paper ID	Title	Author(s)	Affiliation
2460	Effect of dope solution temperature on the membrane structure and MD performance	Normi Izati Mat Nawi, Muhammad Roil Bilad, Nik Abdul Hadi Md. Nordin	Department of Chemical Engineering, Universiti Teknologi PETRONAS
2576	Removal of iron and manganese in groundwater using natural biosorbent	Fauzi Baharudin, Mohd Yuhyi Mohd Tadza, Siti Nurulhuda Mohd Imran	Faculty of Civil Engineering, Universiti Teknologi MARA, Shah Alam
2577	Comparison of phenanthrene removal by Aspergillus niger ATC 16404 (filamentous fungi) and Pseudomonas putida KT2442 (bacteria) in enriched nutrient-liquid medium	Nurhidayah hamzah, Nor Amani Filzah MOhd Kamil, Naresh Singhal, Lokesh Padhye, Simon Swift	Department of Water Resource and Environmental System, Faculty of Civil Engineering, Universiti Teknologi MARA, Selangor
2479	Experimental Study On Free Intake Capacity	Bambang Bakri, S.Pallu,R. Lopa, F. Maricar, Adnan2 and Akbar	Civil Engineering Department, Hasanuddin University
2287	Investigation on the influence of bio-catalytic enzyme produced from fruit and vegetable waste on palm oil mill effluent	Nazaitulshila Rasit	School of Ocean Engineering, Universiti Malaysia Terengganu

5-Dec	10:15 AM - 1:00 PM	Room: Ruby	Chair: Siti Nazahiyah Rahmat
Paper ID	Title	Author(s)	Affiliation
2520	Statistical downscaling of rainfall under transitional climate in Limbang River basin by using SDSM	Taimoor Tahir Cheema, Ahmad Mustafa Hashim, Khamarzman B Wan Yusof	Department of Civil and Environmental Engineering, Universiti Teknologi PETRONAS
2459	Model of Open Type Sabo Dam for Countermeasures to Reduce Energy	Haeruddin C Maddi, Saleh Pallu, Arsyad Thaha, Rita Lopa	Civil Engineering Hasanuddin University Makassar, Indonesia
2396	Phycoremediation of Heavy Metals in Wet Market Wastewater	Najeeha Apani, Radin Maya Saphira Radin Mohamed, Atikah Latiffi, Siti Nor Hidayah Arifin, Adel Al-Gheethi, Paran Gani	Department of Water and Environmental Engineering, Faculty of Civil and Environmental Engineering, UTHM
2458	Parameter Governing of Wave Resonance in the Water Chamber and its Application	Firman Husain	Ocean Engineering Department, Engineering Faculty, Hasanuddin University
2496	Daily River Flow Forecasting with Hybrid Support Vector Machine – Particle Swarm Optimization	Nuratiah Zaini, Marlinda Abdul Malek, Marina Yusoff, Nurul Hani Mardi, Shuhairy Norhisham	Department of Civil Engineering, Universiti Tenaga Nasional
2530	The Monitoring Method of Water Quality in Ciliwung River for Post Restoration	Diyanti, Muh. Saleh Pallu, Rita Tahir Lopa, M. Arsyad Thaha	Civil Engineering Hasanuddin University
2326	Studies on the Current State of Water Quality in the Segamat River	Faridah Mohd Razelan	Faculty of Civil Engineering, University Technology Mara (UiTM) Shah Alam
2623	Assessment of Bedload Sediment Concentration of Sungai Kahang Downstream Kahang Dam, Kluang Johor	Muhammad Nda, Mohd Shalahuddin Adnan, Mohd Shazrin Zakaria, Mohamad Arif Suhadak	Universiti Tun Hussein Onn Malaysia
2464	Water Quality and Trophic Status Study in Sembrong Reservoir during Monsoon Season	Syarifah Intan Najla Syed Hashim, Siti Hidayah Abu Talib, Muhammad Salleh Abustan	Universiti Tun Hussein Onn Malaysia
2728	Assessing the effect of rainfall on groundwater fluctuations in the tube well and storage volume of rainwater harvesting (RWH) system at Parit Raja Johor, Malaysia	Nur Aini Mohd Arish, Siti Nazahiyah Rahmat, Noor Aliza Ahmad, Zarina Md Ali, Noor Yasmin Zainun, Norshuhaila Mohamed Sunar	Faculty of Engineering Technology, Universiti Tun Hussein Onn Malaysia
2791	Water-sensitivity assessment of regional spatial plan based on the relation between watershed imperviousness and aquatic ecosystem health	Dwita Sutjningsih	CE Department, Universitas Indonesia, Depok, Indonesia

5-Dec 2:00 PM - 4:00 PM		Room: Ruby	Chair: Mohd Adib Mohammad Razi
Paper ID	Title	Author(s)	Affiliation
2543	Development of hybrid polymeric polyethersulfone (PES) membrane incorporated with powdered activated carbon (PAC) for palm oil mill effluent (POME) treatment.	Wong LingYong, Ng Choon Aun, Bashir JK Mohammed	Department of Environmental Engineering, Faculty of Engineering and Green Technology, Universiti Tunku Abdul Rahman Jalan Universiti, Bandar Barat, 31900 Kampar
2401	Kinetic study of chromium adsorption using Palm kernel shell activated carbon	Masita Mohammad	Universiti Kebangsaan Malaysia
Paper ID	Title	Author(s)	Affiliation
2707	Drivers Drowsiness Detection with Speed Limiter Integrated Fatigue Analyzer (SLIFA) on Fuel Tank Truck	Hadi Pranoto, A.M.Leman, Danto Sukmajati, Bethriza Hanum,	Faculty of Engineering, University Mercu Buana Jakarta,
2668	Preliminary view of geotechnical properties of soft rocks of Semanggol Formation at Pokok Sena Kedah	Niraku Rosmawati Ahmad, Nur Huda Mohd Jamin	Department of Civil and Environmental Engineering, Faculty of Engineering, Universiti Teknologi Petronas
2724	Particle Size Distribution For Granitic Residual In Cameron Highland Malaysia	Basharudin Abdul Hadi	Faculty of Civil Engineering, Universiti Teknologi Mara, Cawangan Pulau Pinang
2733	An Observation of The Walking Speed of Evacuees During A Simulated Tsunami Evacuation in Padang	Yosritzal Andalas	Department of Civil Engineering, University of Andalas, Padang, Indonesia
2745	Evaluation of Public Awareness of the Tsunami Evacuation Plan in Pasar	Yosritzal Andalas	Department of Civil Engineering, University of Andalas, Padang, Indonesia
2498	Pore Structure Characterization of Shale Gas Reservoirs in the Blue Nile Basin Using low-pressure Nitrogen adsorption and FE-SEM methods	Monera Adam Shoieb, Chow Weng Sum, Haylay Tsegab Gebretsadik, Mohd Suhaili Ismail and Tasneem Saleem	Department of Geoscience Universiti Teknologi Petronas

5-Dec 4:15 PM - 6:00 PM		Room: Ruby	Chair: Nashwan Hamid Al-Emad
Paper ID	Title	Author(s)	Affiliation
2521	Analysis of Track-Ground vibrations from Straight and Curve lined KTMB Railway Track	Fares Mohammed Shaif, Mohd Idrus Bin Mohd Masirin, Adi Hizami Mohammad	Faculty of Engineering Technology, Universiti Tun Hussein Onn Malaysia
2369	Residents Awareness of the Important of Termites Control toward Building Sustainability	Yusmarwati Yusof, Halizah Awang, Marina Ibrahim Mukhtar	Faculty of Technical and Vocational Education, Universiti Tun Hussein Onn Malaysia
2566	Development of Form Stable PMMA Coated Thermal Phase Change Material for Solar Water Heater Applications.	Yamuna Munusamy, Shimalaa Shanmugam and Kee Shii Ying	Faculty of Engineering and Green Technology, Universiti Tunku Abdul Rahman, Kampar
2039	Technology, long work hours, and stress worsen work-life balance in the construction industry	Simon Holden, Riza Yosia Sunindijo	Faculty of Built Environment, University of New South Wales, Australia
2524	Content Validity of Governing in Building Information Modelling (BIM) Implementation Assessment Instrument	Nor Asma Hafizah Hadzaman, Roshana Takim, Abdul Hadi Nawawi, Norazian Mohamad Yusuwan	Faculty of Architecture, Planning and Surveying, Universiti Teknologi MARA (UiTM),
2546	Analysis The Utilization Rate Of Container Yard In Port Of Ambon	Andi St Chairunnisa, Dzuhran Ashari Farid	Department of Naval Architecture Laboratory of Transportation Naval Architecture, Hasanuddin University

5-Dec 8:45 AM - 10:00 AM		Room: Emerald	Chair: Mohd Azlan Mohd Yusoff
Paper ID	Title	Author(s)	Affiliation
2461	Ion Flux from Rainwater and Fertilizer to Solidified Hemic Peat	Amir Hashim Mohd Kassim, Adel Ali Ali Hamid Hauasdah, Radin Maya Saphira Radin Mohamed, Adel Ali Al-Gheethi, Junita Abdul Rahman, Noor Haakmal Durahim and Syafik Akmal Ahmad Tajuddin	Universiti Tun Hussein Onn Malaysia
2443	Nutrients removal from artificial bathroom greywater using Botryococcus sp. strain	Radin Maya Saphira Radin Mohamed	Universiti Tun Hussein Onn Malaysia

2450	Moonsonal Based Classification of PM10 concentrations in Johor	Hazrul bin Abdul Hamid, Hazrul Abdul Hamid, Muhammad Hanafi Rahmat, Siti Aisyah Sapani	Mathematics Division, School of Distance Education, Universiti Sains Malaysia
2429	Adsorption of Copper using Acrylic Acid-g-Polyaniline in Aqueous Solution	Masita Mohammad	Solar Energy Research Institute, SERI, Universiti Kebangsaan Malaysia
2442	Potential of carbon dioxide storage from petroleum industries in the Gulf of Thailand for green production	Monthicha Rawangphai, Kreangkrai Maneeintr	Carbon Capture, Storage and Utilization Research Laboratory Department of Mining and Petroleum Engineering, Faculty of Engineering, Chulalongkorn University

5-Dec	10:15 AM - 1:00 PM	Room: Emerald	Chair: Noor Aliza Ahmad
Paper ID	Title	Author(s)	Affiliation
2531	Bioengineering Technologi To Control Soil On River Erosion By Using Vetiver (Vetiveria Zizanioides)	Meny Sriwati, Saleh Pallu, Mary Selintung, Rita Lopa	Civil Engineering Department, Hasanuddin University, Indonesia
2507	Process Simulation of Bio-ethanol Production from Oil Palm Empty Fruit Bunch via Acid Hydrolysis Pretreatment	Lupete Kaur Bhullar, Zulfan Adi Putra	Universiti Teknologi PETRONAS
2310	Epoxidation of Crude Oleic Acid- Based Palm Oils	Mohd Jumain Jalil	Chemical Engineering, Universiti Teknologi Mara, Cawangan Pulau Pinang
2409	Production of H2 from aluminium/water reaction and its potential for CO2 methanation	Khor Khai Phung, Sumathi Sethupathi	Universiti Tunku Abdul Rahman Jalan Universiti, Bandar Barat 31900 Kampar
2509	Simulation on upgrading of pyrolysis oil via hydrodeoxygenation (HDO)	Mangala Nayaggy, Zulfan Adi Putra	Universiti Teknologi PETRONAS
2441	Evaluation of stability and viscosity measurement of emulsion from oil from production in northern oilfield in Thailand	Onchanok Juntarasakul, Kreangkrai Maneeintr	Carbon Capture, Storage and Utilization Research Laboratory Department of Mining and Petroleum Engineering, Faculty of Engineering, Chulalongkorn University
2455	Assessment of Kinetic Models on Fe Adsorption in Groundwater Using High Quality Limestone	Nor Azliza Akbar, N A F Mohd Kamil, N S Md Zin, M N Adlan and H A Aziz	Faculty of Civil Engineering, UiTM Pulau Pinang
2519	Application of alum and chickpea (cicer arietinum) in removing color from leachate	Nur Shaylinda Mohd Zin	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia
2617	Removal Efficiency of Electrocoagulation Treatment Using Aluminium Electrode for Stable Leachate	Laila Wahidah Mohamad Zailani, N S Mohd Amdan, N S M Zin	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia
2635	Analysis the effectiveness of existing pond to accommodate storm water runoff in UTHM campus	Mohd Azlan Mohd Yusoff	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia
2427	Ionfluid: Designing And Developing A Water Level Notification System	Hanayanti Hafit, Muhammad Mizan Noor Khazan, Mohd Adib Mohammad Razi	Fakulti Sains Komputer dan Teknologi Maklumat, UTHM

5-Dec	2:00 PM - 4:00 PM	Room: Emerald	Chair: Anuar Mohd Salleh
Paper ID	Title	Author(s)	Affiliation
2492	Organic Geochemical characterization: An Indication of type of Kerogen and Maturity of Early-Mid Jurassic Shale in the Blue Nile Formation, Blue Nile Basin.	Monera Adam Shoieb, Chow Weng Sum, Nor Syazwani Zainal Abidin Haylay Tsegab Gebretsadik and Mohd Suhaili Ismail	Department of Geoscience Universiti Teknologi Petronas
2533	Structural Behavior of Non-Uniform Mat Foundation on Weak Sandy Soil- A Case Study	Zubair Syed, Nada Alkhatib, Esraa Hejjah	Civil Engineering Department, Abu Dhabi University
2454	Mesh Optimization Based on A Process of Geometrical Nonlinear Analysis	Takuya Kawakami, H Obiya, Cho KyiSoe, M Nizam b Z and K Ijima	Graduate School of Science and Engineering, Saga University
2548	Compressibility Behaviour of Solidified Malaysian Soft Soil	Mohammed Mansoor Gubran, Chee Ming Chan	Universiti Tun Hussein Onn Malaysia

2656	Peat soils stabilization using Effective Microorganisms (EM)	Nur ZulaikhaYusof	Department of Civil and Environmental Engineering, Faculty of Engineering, Universiti Teknologi Petronas
2551	Solidified Peat on Site Simulation: Lab Monitoring	Nor Haakmal Abdurahim, Abd Rahman, J., Mohd Tajuddin, S.F., Mohamed, R.M.S.R., Al-Gheethi, A.A., Mohd Kassim, A.H	Universiti Tun Hussein Onn Malaysia
2444	Influence of Potassium on Sapric Peat under Different Environmental Conditions	Syafik Akmal Mohd Tajuddin, Junita Abdul Rahman, Nor HaakmalAbd Rahim, Radin Maya Saphira Radin Mohamed	Universiti Tun Hussein Onn Malaysia
2651	Microbial Activity in Peat Soil Treated With Ordinary Portland Cement (OPC) and Coal Ashes	Junita Abd Rahman, Radin Maya Saphira Radin Mohamed and Al-Gheethi AA	Universiti Tun Hussein Onn Malaysia

5-Dec	4:15 PM - 6:00 PM	Room: Emerald	Chair: Mohamad Zulhairi Mohd Bosro
Paper ID	Title	Author(s)	Affiliation
2552	Fundamental and assessment of concrete structure monitoring by using acoustic emission technique testing: A review	M S M Desa, M H W Ibrahim, S Shahidan, N S Ghadzali, Z Misri	Department of Structural and Materials Engineering, Faculty of Civil Engineering and Environmental, University of Tun Hussein Onn Malaysia
2080	Modulus of Elasticity of Nanosilica modified Roller compacted Rubbercrete based on Response Surface Methodology	Musa Adamu	Department of Civil and Environmental Engineering, Universiti Teknologi PETRONAS
2097	Abrasion Resistance of Nano Silica Modified Roller Compacted Rubbercrete: Cantabro Loss Method and Response Surface Methodology Approach	Musa Adamu, Bashar S Mohammed, Nasir Shafiq	Department of Civil and Environmental Engineering, Universiti Teknologi PETRONAS, 32610 Bandar Seri Iskandar, Perak, Malaysia.
2098	Assessment of the Engineering Properties of Deleb Palm Timber	Aaron Aboshio	Civil Engineering Department Bayero University, Kano Nigeria
2499	A review on past and present development on the interlocking loadbearing hollow block (ILHB) system	M Z M Bosro, A A A Samad, N Mohamad, W I Goh, M A Tambichik and M A Iman	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia
2514	Optimization of Natural River Gravel Brantas Use as Mixed Normal Concrete Materials on Quality $f_c = 19.3$ mPa	Arthur Daniel Limantara, A Widodo, S Winarto, L D Krisnawati, and S W Mudjanarko	Department of Civil Engineering, Kadiri University, Indonesia

5-Dec	8:45 AM - 10:00 AM	Room: Diamond	Chair: Saifullizan Bukari
Paper ID	Title	Author(s)	Affiliation
2550	Assessing Bus Performance Rating in Kajang, Selangor	Shuhairy Norhisham, Amiruddin Ismail , Muhamad Nazri Borhan, Nur'atiah Zaini, Andrew Tham Guan Yen	Universiti Tenaga Nasional
2286	Verification of Bayesian Clustering in Travel Behaviour Research – First Step to Macroanalysis of Travel Behaviour	Petr Satra, Jiri Carsky	Czech Technical University in Prague Faculty of Transportation Sciences.
2382	A Study on Evacuation Time From Lecture Halls in Faculty of Engineering, Universiti Putra Malaysia	Wan Nur Asnida Wan Othman, Mohd Zahirasri Mohd Tohir	Universiti Putra Malaysia
2730	Airport Sustainability and Indonesian Economic Growth	Muhammad Ikhsan Setiawan	Narotama University, Surabaya, Indonesia
2731	Airport Sustainability and Local Government Budget	Muhammad Ikhsan Setiawan	Narotama University, Surabaya, Indonesia

5-Dec	10:15 AM - 1:00 PM	Room: Diamond	Chair: Mohd Ezree Abdullah
Paper ID	Title	Author(s)	Affiliation
2650	Elasticity And Expansion Test Performance Of Geopolymer As Oil Well Cement	Syahrir Ridha, Afilzwan Abd Hamid,Ameerah Husna Abdul Halim, Nurul Assikin Zamzuri	University Teknologi Petronas
2380	Cooling Time of Porous Asphalt Pavement Affecting Compaction Process Due to Various Raining Condition	Wardati Hashim, Muhammad Nasri Mohd Nor, Ekarizan Shaffie, Zanariah Abd. Rahman, Ahmad Kamil Arshad	Faculty of Civil Engineering Universiti Teknologi Mara

2553	Evaluation of Moisture Induce Damage of Dense Graded and Gap Graded Asphalt Mixture with Nanopolymer Modified Binder	Ekarizan Shaffie, A K Arshad, J. Ahmad and W Hashim	Faculty of Civil Engineering, Universiti Teknologi Mara, UiTM Shah Alam
2639	Effect of Bio Based Rejuvenator on Mix Design, Energy Consumption And GHG Emission of High Rap Mixture	Kabiru Abdullahi Ahmad, Mohd Ezree Abdullah, Norhidayah Abdul Hassan, Nura Usman, Mohd Rosli Mohd Hassan, Munder A. M. Bilema, Saeed Modibbo Saeed, Ahmad Batari	Unviersiti Tun Hussein Onn Malaysia
2088	Effect of Treated Coconut Shell and Fiber on the Resilient Modulus of Double-layer Porous Asphalt at Different Aging	T. L. Ting, P. J. Ramadhansyah, A. H. Norhidayah, H. Yaacob, M. R. Hainin, M. H. Wan Ibrahim, D. S. Jayanti and A. M. Abdullahi	Department of Geotechnics and Transportation Faculty of Civil Engineering Universiti Teknologi Malaysia
2119	Effects of Kaolin Clay on the Mechanical Properties of Asphaltic Concrete AC14	Ramadhansyah Putra Jaya	Department of Geotechnics and Transportation Faculty of Civil Engineering Universiti Teknologi Malaysia
2549	Effect of Different Sizes of Palm Oil Fuel Ash (Pofa) Towards Physical Properties of Modified Bitumen	Raja Nurul Afiqah Raja Zulkefli, Haryati Yaacob, Ramadhansyah Putra Jaya, Muhammad Naquiddin Mohd Warid, Norhidayah Hassan, Mohd Rosli Hainin, Mohd Khairul Idham Mohd Satar	Department of Geotechnics and Transportation Faculty of Civil Engineering Universiti Teknologi Malaysia
2224	Stiffness Modulus of Asphaltic Concrete Incorporating Coir Fibre and Subjected to Ageing	Ramadhansyah Putra Jaya	Department of Geotechnics and Transportation Faculty of Civil Engineering Universiti Teknologi Malaysia
2481	Evaluation of Road Deterioration for Arterial Road Network using Artificial Neural Networks Soft Computing Compared to Pavement Condition IndexMethod	Dadang Iskandar, Sigit Pranowo Hadiwardoyo, Raden JachrizalS umabrata	Civil Engineering Department, Faculty of Engineering, Universitas Indonesia, Depok, Indonesia
2244	The Formation of the Near East Train Corridors	Zhaken Myngyrbaevich Kuanyshbaev, Muratbek Ilyasovich Arpabekov, Tynys Bulekbaevich Suleimenov, Lev Nikolaevich Gumilyov	Eurasian National University, Faculty of Transport and Energy
2792	Performance of Hot Mix Asphalt Mixture Incorporating Kenaf Fibre	Mohd Rosli Hainin	Faculty of Civil Engineering, University Teknologi Malaysia

5-Dec	2:00 PM - 4:00 PM	Room: Diamond	Chair: Muhamad Afif Iman
Paper ID	Title	Author(s)	Affiliation
2691	Study on bond behaviour exposed to fire using beam specimen	Mohammad Suhaib Ahmad, Pradeep Bhargava and Umesh Kumar Sharma	Research Scholar, Department of Civil Engineering, Indian Institute of Technology Roorkee India
2557	Heat Transfer of MHD Carbon Nanotubes-Based Nanofluids Flow on Strengthening of Concrete Surface	Radiyah Mohamad, R Kandasamy and Anuar Salleh	Faculty of Science, Technology and Human Development, UTHM
2322	Repair of heat damaged reinforced concrete slab with High Strength Fibre Reinforced Concrete materials	Nur Ain Hamiruddin, Rafiza Abd Razak, Khairunnisa Muhammad, and Muhd Zulham Affendi Mohd Zahid	Department of Civil Engineering Technology, Faculty of Engineering Technology, Universiti Malaysia Perlis
2565	Heat Conductivity Resistance of Concrete Wall Panel by Water Flowing in Different Orientations of Internal PVC Pipe	Umi nadiyah, Norazman Mohamad Nor, Mohammed Alias Yusof, Muhamad Azani Yahya, Maidiana Othman	Faculty of Engineering, Universiti Pertahanan Nasional Malaysia
2528	Mechanical Properties and Flexure Behaviour of Lightweight Foamed Concrete Incorporating Coir Fibre	Noridah Mohamad, Muhamad Afif Iman, M. A. Othuman Mydin, A.A.A Samad, J. A. Rosli, A. Noorwardati	Faculty of Civil and Environmental Engineering, Universiti Tun Hussein Onn Malaysia
2503	Experimental investigation on temperature distribution of foamed concrete filled steel tube column under standard fire	Bishir Kado, Shahrin Mohammad, Yeong Huei Lee, Poi Ngian Shek, Mariyana Aida Ab Kadir	Department of Civil Engineering, Faculty of Engineering, Bayero University Kano, Nigeria.
2613	Study on bond behaviour exposed to fire using beam specimen	Mohammad Suhaib Ahmad	Department of Civil Engineering, Indian Institute of Technology India
2614	Shear transfer capacity of reinforced concrete exposed to fire	Subhan Ahmad and Pradeep Bhargava	Research scholar, Department of Civil Engineering, Indian Institute of Technology, Roorkee, India

5-Dec 4:15 PM - 6:00 PM		Room: Diamond	Chair: Nor Syafiqah Ghadzali
Paper ID	Title	Author(s)	Affiliation
2591	Properties of palm oil fuel ash cement sand brick containing pulverized cockle shell as partial sand replacement	S Mat Aris, K Muthusamy, A Uzer, S Wan Ahmad,	Faculty of Civil Engineering and Earth Resources, Universiti Malaysia Pahang
2376	Development of Interlocking Masonry Bricks and its' Structural Behaviour: A Review Paper	Amin Al-Fakih, Bashar S Mohammed, Fadhil Nuruddin, and Ehsan Nikbakht	Department of Civil and Environmental Engineering, Universiti Teknologi PETRONAS (UTP), Tronoh, Perak, Malaysia.
2560	Study on effect of variations of meta-kaolin addition on Self-Compacting parameter of High Strength Concrete.	Wibowo, Mediyanto and E A Dharmawan	SmartConMart Research Group, Civil Engineering Department, Universitas Sebelas Maret, Surakarta, Indonesia
1991	Comparative Sulphate Resistance of Pozzolanic Cement Mortars	Abba Tahir Mahmud	Department of Building Technology, Federal Polytechnic, Bauchi, Nigeria
2312	The variations of temperature with different parameters and effect that on the thermal conductivity of compressed earth blocks stabilized by cement	Najat Zakham	Faculty of Science, University Mohammed V, Rabat, Morocco
2527	Properties of concrete containing different type of waste materials as aggregate replacement exposed to elevated temperature – A review	Nor Syafiqah Ghadzali , Mohd Haziman Wan Ibrahim, Mohd Syahrul Hisyam Mohd Sani, Norwati Jamaludin , Mohd Shaffiq Desa , Zainora Misri	Jamilus Research Centre, Universiti Tun Hussein Onn Malaysia