

ECO-AICCE 2015
CONFERENCE PROGRAMME

PARALLEL SESSION 1		TIME: 2:00 – 3:30 PM	ROOM: PERAK
THEME: INNOVATIVE MATERIAL			
CODE	PAPER TITLE AND AUTHORS		
SE01	Performance of Recycled Aggregate Containing POFA as Additives for Cement <i>Suraya Hani Adnan, Mohd Haziman Wan, Norwati Jamaluddin and Nurul Hazarine Zakaria</i>		
SE02	Assessment of Adhesion between RPC Overlay and Existing Concrete Substrate <i>Bassam A Tayeh, B H Abu Bakar and M A Megat Johari</i>		
SE05	Effect of Curing Methods on Carbonation Depth of Rubberised Fibre Mortar <i>Mukaddas Ahmad Musa, Farah Nora Aznieta Abdul Aziz and Noor Azline Mohd Nasir</i>		
SE06	Influence of Initial Silica Modulus of Na₂SiO₃ on the Compressive Strength of Alkali Activated Ultrafine Palm Oil Fuel Ash Based Mortar <i>Otman M M Elbasir, Megat Azmi Megat Johari and Zainal Arifin Ahmad</i>		
SE13	Influence of Silica Fume Inclusion on the Compressive Strength Development of High Strength Concrete Containing High Volume of Palm Oil Fuel Ash <i>Aktham Hatem Alani and Megat Azmi Megat Johari</i>		

PARALLEL SESSION 2		TIME: 2:00 – 3:30 PM	ROOM: PAHANG
THEME: WATER RESOURCE			
CODE	PAPER TITLE AND AUTHORS		
WR02	Effect of Utilizing Different Buildings' Roof Material on Rainwater Harvesting System's Payback Period, Water and Energy Savings, and Carbon Dioxide Emission Reduction <i>Mohammad Shakir Nasif and Rozanna Roslan</i>		
WR03	Effect of Utilizing Different Buildings' Roof Material on Rainwater Harvesting System's Payback Period, Water and Energy Savings, and Carbon Dioxide Emission Reduction <i>Mohammad Shakir Nasif and Rozanna Roslan</i>		
WR04	Computational Investigation of Inlet Baffle Height on The Flow in A Rectangular Oil / Water Separator Tanks <i>Haitham A. Hussein, Rozi Abdullah and Md Azlin Md Said</i>		
WR07	Multiple Regression Model Using Performance indices for Storage Capacity of a Reservoir system in Johor Catchment <i>Issa Saket Oskoui, Rozi Abdullah and Majid Montaseri</i>		

PARALLEL SESSION 3		TIME: 2:00 – 3:30 PM	ROOM: PERLIS
THEME: GROUNDWATER			
CODE	PAPER TITLE AND AUTHORS		
EE02	Iron and Manganese Removal from Groundwater using High Quality Limestone <i>Nor Azliza Akbar, Hamidi Abdul Aziz and Mohd Nordin Adlan</i>		

WR06	Direct Determination of Groundwater Direction and Velocity Using Colloidal Borescope in Jenderam Hilir, Selangor <i>Miskiah Fadzilah Ghazali, Mohd Nordin Adlan, Kamarudin Samuding and Mohamad Razip Selamat</i>
WR10	Subsurface Characterization using Ground and Underwater Resistivity Techniques for Groundwater Abstraction <i>Rais Yusoh, Md Azlin Md Said, Mohd Ashraf Mohammad Ismail and Mohd Firdaus Abdul Razak</i>
WR12	Studying Effect of Riverbank Filtration (RBF) on Ground Water using 'Time – Lapse Electrical Resistivity Imaging' at Kuala Kangsar, Perak <i>Mohd Hanis Mohamad, Mohd. Nawawi, Mohamad Nordin Adlan and Khiruddin Abdullah</i>
GE06	Groundwater Inflows Characterization in the Pahang-Selangor Raw Water Transfer Tunnel Using $\delta^2\text{H}$ and $\delta^{18}\text{O}$ as Tracers <i>Sharifah Farah Fariza Syed Zainal, Mohd Ashraf Mohamad Ismail, Roslanzairi Mostafa and Romziah Azit</i>
GE09	The Study of Mengkuang Dam's Chute Spillway by Physical Modelling <i>C M A S Che Ismail, Mohd Remy Rozainy M A Z, I Abustan and A M Mustafa Al Bakri</i>

PARALLEL SESSION 4		TIME: 2:00 – 3:30 PM	ROOM: TUN DR ISMAIL HALL
THEME: POLLUTION			
CODE	PAPER TITLE AND AUTHORS		
EE03	Odour Intensity Assessment at Different Area of a Palm Oil Mill using Olfactometry Method <i>Nurashikin Yaacof, Nastaein Qamaruz Zaman and Yusri Yusop</i>		
EE06	Comparative Study of Basic, Acid and Reactive Dyes Adsorption onto Rubber Seed-Coated Activated Carbon <i>Muhd Nazmi Ismail, Hamidi Abdul Aziz, Mohd Azmier Ahmad and Nik Athirah Yusoff</i>		
EE08	Oxygen Uptake by Biological Processes inside Oxidation Ditch <i>Noor Aida Saad, Hamidi Abdul Aziz, Mohd Zulkifly Abdullah, Mohamed Zubair and Mohd Remy Rozainy Mohd Arif Zainol</i>		
EE10	Enhancing BOD/COD Ratio of POME Treatment in SBR System <i>Hossein Farraji, Nastaein Q. Zaman, Hamidi Abdul Aziz, Mohamad Aqeel Ashraf, Amin Mojiri and Parsa Mohajeri</i>		
EE17	Effect of Ni/Co Ratio on Bimetallic Oxide Supported Silica Catalyst in CO₂ Methanation <i>Siti Aminah Md Ali, Ku Halim Ku Hamid and Kamariah Noor Isma</i>		
EE19	Effects of Substituted Transition Metals (Me:Cr³⁺, Mn³⁺, Fe³⁺ And Mo) on the Fe²⁺/Modified Silica in the Oxidative Degradation of Reactive Black 5 <i>Norhaslinda Nasuha and B H Hameed</i>		

PARALLEL SESSION 5		TIME: 4:00 – 5:30 PM	ROOM: PERAK
THEME: INNOVATIVE MATERIAL			
CODE	PAPER TITLE AND AUTHORS		
SE15	Influence of Crumb Rubber on Impact Energy of Steel Fiber Concrete Beams <i>Ahmed Tareq Noaman, B H Abu Bakar and Hazizan Md Akil</i>		

SE16	Mechanical Properties of Mortar Modified with Cement Treated Tyre Crumb and Oil Palm Fruit Fibre <i>Farah Nora Aznieta Abdul Aziz, Sani Mohammed Bida, Noor Azline Mohd Nasir, Nor Azizi Safjee and Mohd Saleh Jaafar</i>
SE18	Dispersion of Multi-Walled Carbon Nanotubes in Portland Cement Concrete Using Ultra-Sonication and Polycarboxylic Based Superplasticizer <i>Ali Yousefi, Norazura Muhamad Bunnori, Mehrnoush Khavarian and Taksiah A Majid</i>
SE22	Effect of Ground Granulated Blast Furnace Slag on Compressive Strength of POFA Blended Concrete <i>Noor Azline M N, Farah N A Abd Aziz and Arafa Suleiman Juma</i>
SE20	Strength Development in Cement Admixed Fine-Grained Dredged Marine Soils <i>Amira Azhar and Chee-Ming Chan</i>
SE21	Drying Shrinkage of Fly Ash Mortar Mixed with Seawater <i>Bautista John Wilmer, Crockett Jerome Benedict, Liu Beatrice Ann, Obra Timothy John and Roxas Cheryl Lyne</i>

PARALLEL SESSION 6		TIME: 4:00 – 5:30 PM	ROOM: PAHANG
THEME: WATER RESOURCE			
CODE	PAPER TITLE AND AUTHORS		
WR08	Model Study for Upgrading of Sungai Belibis Pump Sump <i>Mohd Remy Rozainy M A Z, Khairy A W, I Abustan and A M Mustafa Al Bakri</i>		
WR09	Modeling Critical Period of a Reservoir System Using Performance Indices in Johor Catchment <i>Issa Saket Oskoui, Rozi Abdullah and Majid Montaseri</i>		
WR13	Evaluation of Water Quality Index (WQI) Performance in Newly Constructed Free Water Surface (FWS) Constructed Wetland for Stormwater Treatment <i>Syafiq Shaharuddin, Aminuddin Ab Ghani and Nor Azazi Zakaria</i>		
WR15	Analysis of Flow Characteristics in Sewerage System <i>Hiew Thong Yap and Su Kong Ngien</i>		

PARALLEL SESSION 7		TIME: 4:00 – 5:30 PM	ROOM: PERLIS
THEME: WASTE & WASTEWATER TREATMENT			
CODE	PAPER TITLE AND AUTHORS		
EE01	Performance of Some New Bacterial Isolates on Biodegradation of Libyan Light Crude Oil Using Agro-Industrial Wastes as Co-Substrates <i>Abdullah M El Mahdi, Hamidi Abdul Aziz, Salem S Abu Amr, Nour Sh El-Gendy and Hussein Nassar</i>		
EE07	Pharmaceutical Removal from Synthetic Wastewater Using Heterogeneous – Photocatalyst <i>Chee Mei Lee, Puganeshwary Palaniandy, Nastaein Qamaruz Zaman and Mohd Nordin Adlan</i>		
EE09	Waste to Wealth: Recovery of Recyclable Items and Biodegradable Wastes from Night Markets at Seberang Perai Selatan, Penang <i>Mohamad Anuar Kamaaruddin, Mohd Suffian Yusoff and Abdul Hadi Ahmad</i>		

EE14	Removal of Suspended Solids, Chemical Oxygen Demand and Color From Domestic Wastewater Using Sago Starch as Coagulant <i>Wan Izatul Saadiah Wan Kamar, Hamidi Abdul Aziz and Siti Fatimah Ramli</i>
EE16	Influence of Operating Conditions on the Persulfate Oxidation of Textile Waste Water at Ambient Temperature <i>Fagbenro Oluwakemi Kehinde and Hamidi Abdul Aziz</i>
EE18	Biological Treatment of Poultry Slaughterhouse Wastewater by using Different Fibers <i>Nur Nasuha Ahmad Puat and Hamidi Abdul Aziz</i>

PARALLEL SESSION 8		TIME: 9:00 – 10:15 AM	ROOM: PERAK
THEME: INNOVATIVE MATERIALS			
CODE	PAPER TITLE AND AUTHORS		
SE19	Lightweight Building Materials of Geopolymer Reinforced Wood Particles Aggregate – A Review <i>Siti Noorbaini Sarmin</i>		
SE25	Effects of Coal Bottom Ash on the Compressive Strength of Portland Cement Mortar <i>Ali Huddin Ibrahim, Choong Kok Keong, Megat Azmi Megat Johari, Shahril Izham Md Noor, Nur Liyana Zainal and Kamar Shah Ariffin</i>		
SE35	Properties of Cement Mortar Consisting Raw Rice Husk <i>Muhammad Munsif Ahmad, Fauziah Ahmad, Mastura Azmi and Mohd Zulham Affendi Mohd Zahid</i>		
SE39	UHPFRC as Repair Material for Fire-Damaged Reinforced Concrete Structure – A Review <i>Muhd Afiq Hizami Abdullah, Mohd Zulham Affandi Mohd Zahid, Badorul Hisham Abu Bakar, Fadzli Mohamed Nazri and Afizah Ayob</i>		

PARALLEL SESSION 9		TIME: 9:00 – 10:15 AM	ROOM: PAHANG
THEME: STRUCTURAL ANALYSIS			
CODE	PAPER TITLE AND AUTHORS		
SE04	Precast Concrete Closed Spandrel Arch Bridge System as Viable Alternative to Conventional Beam Bridge System <i>Chong Yong Ong, Kok Keong Choong, Geem Eng Tan and Tai Boon Ong</i>		
SE08	Effects of Footfall Induced Vibrations on Concrete and Composite Floors <i>Leing Chuen Keit, Mohammed Parvez Anwar and Wael Elleithy</i>		
SE09	Strength Prediction of Double-Lap Bolted Joints of Woven Fabric CFRP Composite Plates using Hashin Formulations <i>Hilton Ahmad and Mustafa Abbas Abed</i>		
SE10	Effect of Diameter on Fire Exposed Concrete-Filled Double Skin Steel Tubular (CFDST) Columns under Concentric Axial Loads <i>Sharifah Salwa Mohd Zuki, Choong Kok Keong, J Jayaprakash and Shahiron Shahidan</i>		

SE17	<p>Practical Method for Damage Evaluation Based on Point Estimate Considering Uncertainty of Structural Properties <i>Kahori Iiyama, Masataka Hosono, Takanori Ishida, Kohei Fujita, Yoshihiro Yamazaki, Tsuyoshi Ichimura, Wijerathne Lalith, Hitoshi roxas, Muneo Hori, Satoshi Yamada, Hiroyasu Sakata, Hiroaki Yamanaka and Soichi Hirose</i></p>
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PARALLEL SESSION 10		TIME: 9:00 – 10:15 AM	ROOM: PERLIS
THEME: GROUNDWATER			
CODE	PAPER TITLE AND AUTHORS		
GE10	<p>Wave Transmission over the Low-Crested Sand Container Breakwaters <i>Hee Min The</i></p>		
GE11	<p>The Study of Flow Characteristics of Newtonian and Power-Law Non-Newtonian Fluids by Dam-Break Flow Model <i>Puay How Tion, Abdullah Faiz, Zakaria Nor Azazi and Hosoda Takashi</i></p>		
WR11	<p>A Study on the Characteristic and Properties of Riverbank Soil Samples as RBF Natural Materials From Sungai Perak, Kota Lama Kiri, Kuala Kangsar, Perak Darul Ridzuan, Malaysia <i>Mohd Nordin Adlan, Mohamad Razip Selamat and Siti Zahirah Othman</i></p>		
WR14	<p>Riverbank Filtration Site Suitability Selection Using Spatial Data Techniques: Case Study for Kota Lama Kiri, Kuala Kangsar <i>Mohd Firdaus Abdul Razak, Md Azlin Md Said and Rais Yusoh</i></p>		
WR05	<p>The Potential and Benefits of Artificial Barrier Application at RBF <i>Nur Aziemah Abd Rashid, Nurulezzah Abd Rahim, Ismail Abustan, Rose Farahnadrah Munawar and Nur Atiqah Ahmad Awalludin</i></p>		

PARALLEL SESSION 11		TIME: 9:00 – 10:15 AM	ROOM: TUN DR ISMAIL HALL
THEME: POLLUTION			
CODE	PAPER TITLE AND AUTHORS		
EE22	<p>H₂S Emissions Within Vicinity of Swine Farming Area in Nibong Tebal, Pulau Pinang, Malaysia <i>Mohd Badrul Hisyam Bin Ab Manaf, Nor Azam Ramli, Ahmad Shukri Yahya, Mohd Zulham Affendi Mohd Zahid, Muhammad Munsif Ahmad, Nur Fitriah Isa, Norrazman Zaiha Zainol, Muhammad Azizi Azizan, Khairunnisa Muhammad and Liyana Ahmad Sofri</i></p>		
EE23	<p>Optimization of HCO₃⁻ Production Reflect to CaCO₃ Precipitation for Self-Healing by <i>Bacillus Sphaericus</i> <i>Norfaniza Mokhtar, Zhameir Shafiq Mohd Ilias, Husnul Azan Tajarudin and Megat Azmi Megat Johari</i></p>		
EE24	<p>Influence of Hydraulic Conductivity and Organic Matter Content in Different Bioretention Media on Nutrient Removal <i>Goh Hui Weng, Lau Tze Liang, Foo Keng Yuen, Chang Chun Kiat and Nor Azazi Zakaria</i></p>		
EE25	<p>An Analysis of Pro-Environmental Attributes Towards Adolescents in Penang using Extended Theory of Planned Behaviour <i>Nur Khairiyah Basri, Nur Sabahiah Abdul Sukor and Sitti Asmah Hassan</i></p>		

EE26	Natural Organic Matter and Disinfectant by-products (DBPs) Formation Potential in Agriculture Area in Malaysia <i>Nurazim Ibrahim, Hamidi Abdul Aziz and Mohd Suffian Yusoff</i>
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PARALLEL SESSION 12		TIME: 10:45AM – 1:00PM	ROOM: PERAK
THEME: LANDFILL			
CODE	PAPER TITLE AND AUTHORS		
EE04	A Comparative Study of Floc and Sludge of Leachate under Different Types of Coagulants <i>NurShaylinda Mohd Zin, Hamidi Abdul Aziz, Mohd Nordin Adlan, Azlan Ariffin, Mohd. Suffian Yusoff and Irvan Dahlan</i>		
EE05	A Comprehensive Review of Environmental, Physical and Socio-Economic (EPSE) Criteria for Spatial Site Selection of Landfills in Malaysia <i>Siti Zubaidah Ahmad, Mohd Sanusi S Ahamad and Mohd Suffian Yusoff</i>		
EE11	Optimization of COD and Color Removal for Matang's Landfill Leachate Treatment by Using Polyaluminum Chloride <i>Mohd Faiz Muaz Ahmad Zamri, Mohd Suffian Yusoff, Hamidi Abdul Aziz and Mohd Anuar Kamaruddin</i>		
EE12	Landfill Leachate Treatment by Bentonite Augmented Sequencing Batch Reactor (SBR) System <i>Hossein Farraji, Nastaein Q. Zaman, Hamidi Abdul Aziz, Mohamad Aqeel Ashraf, Amin Mojiri and Parsa Mohajeri</i>		
EE13	Review on Applications of Nanoparticles in Landfill Leachate Treatment <i>Zaidi Ab Ghani, Mohd Suffian Yusoff and Jeyashelly Andas</i>		
EE15	Optimum of Treatment Condition for <i>Artocarpus Heterophyllus</i> Seeds Starch as Natural Coagulant Aid in Landfill Leachate Treatment by RSM <i>Mohd Suffian Yusoff and Noor Aina Mohamad Zuki</i>		
EE20	Performance of Ozone/ZrCl₄ Oxidation in Stabilized Landfill Leachate Treatment <i>Siti Nor Farhana Zakaria, Hamidi Abdul Aziz and Salem S Abu Amr</i>		
EE21	Sustainable GIS based-ANN's Solution for Landfill Suitability Analysis <i>Sohaib K M Abujayyab, Mohd Sanusi S Ahamad, Ahmad Shukri Yahya, Maher Elbayoumi and Mutasem Sh Alkhasawneh</i>		
CM06	Quantification of Concrete Waste Generated in Housing Construction Sites via Site Sampling: Development of a Multiple Linear Regression Model <i>Siti Hafizan Hassan, Hamidi Abdul Aziz, Izwan Johari and Mohd Nordin Adlan</i>		

PARALLEL SESSION 13		TIME: 10:45AM – 1:00PM	ROOM: PAHANG
THEME: STRUCTURAL ANALYSIS			
CODE	PAPER TITLE AND AUTHORS		
SE23	Effect of Footfall Induced Vibration on Footbridges <i>Aw Jia Hao, Mohammed Parvez Anwar and Wael Elleithy</i>		
SE30	An Overview of Non – Engineered Buildings Roofing System Failure under Wind Loads <i>Muhammad M K A, Majid T A, Noram I Ramli, Deraman S N C and Wan Chik F A</i>		

SE33	Nonlinear Analysis of Reinforced Concrete Structures Considering Plastic Deformation <i>Mirzakhid Miralimov Khamitovich</i>
SE34	Cylindrical Section with Helically Arranged Perforations Inspired by Nature <i>Woo Yan Peen and Choong Kok Keong</i>
SE27	Experimental Study on Lateral-Torsional Buckling of Triangular Web Profile Steel Section <i>Hazwani Hasan, Fatimah De'nan and Choong Kok Keong</i>
SE29	Nonlinear Bending Analysis for Steel Purlin with Perforation <i>Jin Ying Ling and Fatimah De'nan</i>
SE12	Density Assessment of Heat Treated Malaysian Hardwood Timber: The Case of Kapur (<i>Dryobalanops Spp.</i>) and Keruing (<i>Dipterocarpus Spp.</i>) <i>Nur Ilya Farhana Md Noh and Zakiah Ahmad</i>

PARALLEL SESSION 14		TIME: 10:45AM – 1:00PM	ROOM: PERLIS
THEME: PAVEMENT TECHNOLOGIES			
CODE	PAPER TITLE AND AUTHORS		
HT02	Effects of Wax additive on the Rheological Properties of Asphalt Binder <i>Lillian Gungat, Meor Othman Hamzah and Goh Shu Wei</i>		
HT03	The Effects of Bituminous Binders on Cold Recycled Mixes Prepared by the Foamed Bitumen Technology <i>Jan Suda and Jan Valentin</i>		
HT04	Physical and Rheological Properties of Aged Bitumen Rejuvenated With Waste Engine Oil <i>Ahmad Kamil Arshad, Noor Azreena Kamaluddin, Wardati Hashim and Siti Rosyani Ahmad Roslan</i>		
HT05	Life Cycle Assessment for Pavement Sustainable Development: Critical Review <i>Peyman Babashamsi, Nur Izzati Md Yusoff, Halil Ceylan and Nor Ghani Md Nor</i>		
HT06	Behavior of Cold Recycled Mixes in the Range of Low Temperatures – Experimental Study <i>Ondrej Krpalek and Jan Valentin</i>		
HT09	Using Nanopolyacrylate and Nanocomposite as Binder Modifiers for Stone Mastic Asphalt (SMA) <i>E Shaffie, J Ahmad, A K Arshad and D Kamarun</i>		
HT14	Impact of Ageing and the Stability of Adhesion Additive on Moisture Susceptibility and Adhesion <i>Tereza Valentova, Jan Altman, Jan Valentin and Meor Othman Hamzah</i>		
HT15	Effects of Calcium Carbonate and Treated Palm Oil Fly Ash on the Rheological Properties of Asphalt Mastic <i>Meor Othman Hamzah and Foad Mohamed Elkut</i>		

PARALLEL SESSION 15		TIME: 10:45AM – 1:00PM	ROOM: TUN DR ISMAIL HALL
THEME: DISASTER MANAGEMENT			
CODE	PAPER TITLE AND AUTHORS		
SE31	Experimental Study on the Effect of Macroroughness on Tsunami Flow and Loading of Building <i>Wei Chek Moon, Lerk Qing Chiew, Kah Win Cheong, Yi Cong Tee, Jan Bong Chun and Tze Liang Lau</i>		

SE32	Estimation of Tsunami Force for Onshore Buildings in the Northwest Coast of Peninsular Malaysia <i>Tze Liang Lau, Kok Keong Choong, Taksiah A Majid, Nor Azazi Zakaria, Aminuddin Ab Ghani and Shusaku Inoue</i>
SE37	A Microscopic Dynamics of Crowd Behavior for Crowd Evacuation Simulation in the Event of a Tsunami Disaster <i>Noorhazlinda Abd Rahman, Muhammad Salleh Abustan, Nadzifah Che Mat, Hitoshi Gotoh and Eiji Harada</i>
SE38	Identification of Dynamic Characteristics of a Historical Church in Armenia using Microtremor Survey Technique <i>Kahori Iiyama, Hitoshi Morikawa, Shiro Sasano, Shojiro Motoyui, Yasuhito Fujita and Atsushi Mutoh</i>
GE02	Modification of Published Prediction Model of Ground Motion Due to Sumatra Subduction Earthquakes for the Application in Peninsular Malaysia <i>Tze Che Van, Tze Liang Lau, Taksiah A Majid, Kok Keong Choong and Fadzli Mohamed Nazri</i>
GE03	Seismic Microzonation for Denizli Metropolitan Area, Turkey <i>Ali Aydin, Erdal Akyol, Mahmud Gungor, Nuray Soyatik and Suat Tasdelen</i>
GE12	Development of New Tsunami Generator <i>Tetsuya Hiraishi</i>

PARALLEL SESSION 16		TIME: 2:45 – 4:30 PM	ROOM: PERAK
THEME: STRUCTURAL DESIGN			
CODE	PAPER TITLE AND AUTHORS		
SE03	Influence of People Walking on Floor Performance due to Low Level Vibration <i>Tuan Norhayati Tuan Chik, Shurl Yabi, Mohd Haziman Wan Ibrahim, Nor Azazi Yusoff, Taksiah A Majid and Rachel Alexis Asiew</i>		
SE07	Trends and Development of Precast Concrete Closed Spandrel Arch Bridge Systems <i>Chong Yong Ong, Kok Keong Choong, Geem Eng Tan and Tai Boon Ong</i>		
SE28	Numerical Models of Hysteretic Steel Plate Damper with a Hollow Diamond Shape for Energy Dissipation <i>Daniel R. Teruna, Taksiah A. Majid and Bambang Budiono</i>		
SE36	AHP Based Thermal Comfort Assessment through Passive Design Allocation in Tropical School Offices <i>Chan Siew Chong</i>		
SE40	An Innovative Precast Panel with EPS Core Technique for Rapid Construction <i>T S Teoh and K K Choong</i>		
SE14	Effects of Thickness of Ultra High-Performance Fiber Concrete Wrapping on the Torsional Strength of Reinforced Concrete Beam <i>Thaer Jasim Mohammed, B H Abu Bakar and N Muhamad Bunnori</i>		
CM01	Motivations and Limitations of Prefabricated Building: An Overview <i>Khaled M Amtered El-Abidi and F E Mohamed Ghazalia</i>		

PARALLEL SESSION 17		TIME: 2:45 – 4:30 PM	ROOM: PAHANG
THEME: CONSTRUCTION MANAGEMENT			
CODE	PAPER TITLE AND AUTHORS		
CM02	Developing a DMS (Dredged Marine Sediments) Management Framework for Beneficial Reuse in Artificial Land Creation <i>Suaathi Kaliannan, Chee-Ming Chan and Azeanita Suratkon</i>		
CM03	Improved Water Services and Malaysian Household's Willingness to Pay: A Descriptive Analysis <i>Nabsiah Abdul Wahid, Chew Kah Hooi and Ismail Abustan</i>		
CM04	The Study of the Implementation of Bridge Management System in Sabah <i>D Salinah, M M Fashius and G Habibah</i>		
CM05	Rethinking Sustainable Housing Maintenance Delivery <i>Abdullateef Olanrewaju, Tan Seong Yeow and Lee Lim Tat</i>		
CM07	Delphi Technique Procedures: A New Perspective in Construction Management Research <i>Wesam Salah Alaloul, Mohd Shahir Liew and Noor Amila Wan Zawawi</i>		
CM08	Risk Based Inspection and Proactive Maintenance for Civil & Structural Assets in Oil & Gas Plants <i>Ir Mohammad Nazri Mustafa and Pedram Hatami Abdullah</i>		
WR01	Public Participation and Response towards Water Resources Management Options in Gaza Strip, Palestine <i>Salem S. Abu Amr, Yusef Salah Abu Mayla, Mohammed J K Bashir and Hamidi Abdul Aziz</i>		

PARALLEL SESSION 18		TIME: 2:45 – 4:30 PM	ROOM: PERLIS
THEME: TRAFFIC AND ROAD SAFETY			
CODE	PAPER TITLE AND AUTHORS		
HT01	The Alternative Trip Generation Model for Flat/Apartment/Condominium and Low Cost Housing Subcategories <i>Shafida Azwina Binti Mohd Shafie, Ahmad Farhan Mohd Sadullah, Meor Othman Hamzah and Leong Lee Vien</i>		
HT07	Volume-Delay Function in Trip Assignment <i>Lee Vien Leong and Kwang Yew Tan</i>		
HT08	Assessment of Queue Length and Delay at Toll Plaza Using Microscopic Traffic Simulation <i>Mohammed Bally Mahdi and Lee Vien Leong</i>		
HT10	Locating Problematic Road Sections: Comparisons between Crash Data and Composite Index Method <i>Intan Suhana M R, Hussain H, Law T H and Ahmad Farhan M S</i>		
HT11	Mode Shifting Behavior for the Inter-Island Passenger Transportation in the Western Visayas Region, Philippines <i>Roxas Nicanor Jr R and Fillone Alexis M</i>		

HT12	Time Gap Evaluation Due to the Existence of Heavy Vehicles on Urban Expressways <i>Wardati Hashim, Ahmad Kamil Arshad, Masria Mustafa and Noor Azreena Kamaluddin</i>
HT13	Effect of Roadside Development on the Safety of Intersections without Signals <i>Ashar Ahmed, Ahmad Farhan Mohd Sadullah and Ahmad Shukri Yahya</i>

PARALLEL SESSION 11		TIME: 2:45 – 4:30 PM	ROOM: TUN DR ISMAIL HALL
THEME: GEOTECHNIC			
CODE	PAPER TITLE AND AUTHORS		
GE01	Evaluating the Effect of Mixing Process on Nano-clay Modified Binders Using the Pull-off Test Method <i>Hend Ali Omar, Nur Izzi Md Yusoff, Zainuddin Sajuri, Halil Ceylan, Fauzan Mohd Jakarni and Amiruddin Ismail</i>		
GE04	Adverse Effects of Soil Grouting on Sandy Soils <i>Erdal Akyol, Suat Tasdelen and Ali Aydin</i>		
GE05	Rock Overstressing in Deep Tunnel Excavation of Pahang-Selangor Raw Water Transfer Project <i>Romziah Azit, Mohd Ashraf Mohamad Ismail, Sharifah Farah Fariza Syed Zainal and Norzani Mahmood</i>		
GE07	Finite Element Analysis of Tunnelling induced Deformation towards Pile Foundation <i>Mohd Ashraf Mohammad Ismail, Lim Siao Phin and Tay Wui Wenn</i>		
GE08	Finite Element Analysis of Tunnelling induced Deformation towards Pile Foundation <i>Mohd Ashraf Mohammad Ismail, Lim Siao Phin and Tay Wui Wenn</i>		