

Management REPORT

Annual Report 2009



Publication



In the area of publication for the year 2009, the academic staff had published 12 original manuscripts, 50 journal articles and 155 papers which included conference and seminar proceedings. In line with the vision and mission of the university, FKA staff has been actively involved in research publication, which they have submitted over 77 articles to journal for publication at both national and international level. In the year 2009, the number of publication increased from 91 in 2008 to 294, with a percentage increment of 323% from year 2008. The publications by the academic staff in the Faculty for the year 2009 are listed as follow:

ORIGINAL MANUSCRIPTS

No.	Manuscript / Book Title	Author(s)
1	Steelwork Design Guide To BS 5950-1: 2000	Mahmood Md Tahir , Shahrin Mohammad, Mohamed Ismail, A. Aziz Saim, Sariffudin Saad , Hanim Osman, Airil Yasreen Mohd Yassin, Yusof Ahmad
2	Sistem Fast-Track Wall (FTW)	Muhd Zaimi Abd. Majid , Rosli Mohamad Zin , Jamiah Mohd Salleh
3	Variation Of Malaysian Climate Due To Global Warming And ENSO Events	Ahmad Khari Abdul Wahab
4	Introduction To Civil Engineering Materials	M.E Ismail, A.R.M. Sam, S.R. Sumadi, M.W. Hussin, Z. Haron
5	The Process Of Aerobic Granulation For Simultaneous Organics And Nutrients Removal In Wastewater Treatment, Chapter In Book : Advances In Water And Wastewater Treatment Technologies	Aznah Nor Anuar, Zaini Ujang, Mark Van Loosdrecht, Mohd Razman Salim
6	Disinfection- Chapter In Book : MWA Design Guidelines For Water Supply Systems, Section 27 : Specific Water Treatment Processes	Aznah Nor Anuar
7	Reuse And Recycling - Chapter In Module : Introduction To Cleaner Production	Aznah Nor Anuar
8	Procedure Development For Determination Of Aerobic Granular Sludge (AGS) Strength	Aznah Nor Anuar
9	Development Of Mixing Criteria For Aerobic Granular Sludge (AGS) Reactor Operations	Aznah Nor Anuar
10	Development Of Aerobic Granular Sludge Technology For Domestic Wastewater Treatment In Hot Climates	Aznah Nor Anuar
11	Self Assessment Report for Accreditation of an Engineering Programme, Chapters in Books	Nazri Ali
12	Ground Stabilization by Tree Induced Water Uptake, Chapters in Books	Nazri Ali

ARTICLES IN INTERNATIONAL JOURNALS

No.	Title of Article	Author(s)	Journal (Impact Factor)
1	Respirometric analysis of activated sludge models from palm oil mill effluent	Damayanti A., Ujang Z., Salim M.R., Olsson G., Sulaiman A.Z.	Bioresource Technology (3.0)
2	Enhanced Toluene Removal using Granular Activated Carbon and a Yeast Strain <i>Candida tropicalis</i> in Bubble Column Bioreactors	Zubair Ahmed, Sun-Jin Hwang, Seung-Kyu Shin, JiHyeon Song	Journal of Hazardous Materials (2.975)
3	Application of coagulation-ultrafiltration hybrid process for drinking water treatment: Optimization of operating conditions using experimental design	Zularisam, A.W., Ismail, A.F., Salim, M.R., Sakinah, M., Matsuura, T.	Separation and Purification Technology (2.503)
4	A review of the effects of emerging contaminants in wastewater and options for their removal	Bolong, N., Ismail, A.F., Salim, M.R., Matsuura, T.	Desalination (1.155)
5	Cross-sectional Properties of Complex Composite Beams	Mohd Yassin, A. Y. and Nethercot, D. A.	Engineering Structures (1.102)
6	Push-Off Tests on Pin-Connected Shear Studs with Composite Steel-Concrete Beams	Mahmood Md Tahir, Shek Poi Ngian, Tan Cher Siang (2009)	Construction and Building Materials 23 (2009) 3024 – 3033 (0.947)
7	Experimental Investigation of Short Cruciform Columns Using Universal Beam Sections	Mahmood Md Tahir, Shek Poi Ngian, Arizu Sulaiman, Tan Cher Siang (2009)	Construction and Building Materials 23 (2009) 1354–1364 (0.947)
8	New evaluation and modeling procedure for horizontal shear bond in composite slabs	Abdullah, R., Samuel Easterling, W.	Journal of Constructional Steel Research (0.841)
9	An observation of impact in implementing of quality management systems by contractors	Rosli Mohamad Zin, Gui Hun Chen and Mukhtar Che Ali	Malaysian Construction Research Journal (MCRJ), Volume 4, No. 1, 2009 (0.05)
10	Rippability classification for quartzite based on specific energy and field production rate	Mohd For Mohd Amin and Chan Sook Huei and Abdul Ghani Md Rafik	Malaysian Journal of Civil Engineering (MJCE), 21 (1) pp. 42-54 (0.05)
11	Indoor environment sustainability of residential industrial housing in Malaysia	Rozana Zakaria and Mohd Ismid Mohd Said and Yang and Jay and Khairulzan Yahya and Zaiton Haron	Malaysian Journal of Civil Engineering (MJCE), 21(1) pp. 99-109 (0.05)
12	Modelling of sound propagation in urban streets containing trees using Markovian technique,	Z.Haron and K.Yahya and D.J. Oldham and R.Zakaria	Malaysian Journal of Civil Engineering (MJCE), 21(2) pp. 55-68 (0.05)
13	Approaches in the Prediction of CO ₂ Corrosion Growth in Submarine Pipelines	NordinYahaya,Norhazilan Md Noor, et.al. (UTM)	Malaysian Journal of Civil Engineering (MJCE), Vol 21 (1) June 2009 (0.05)
14	Strength performance of palm oil fuel ash cement based aerated concrete panel subjected to different curing regimes	Mohd Warid Hussin, Khairunisa Abdullah (UTM)	Malaysian Journal of Civil Engineering (MJCE), Vol 21 (1) June 2009 (0.05)
15	Finding of coefficient and oxidizable nitrogen from palm oil mill effluent (POME) for activated sludge models (ASMs)	A. Damayanti, M.R. Salim, Z. Ujang (UTM)	Malaysian Journal of Civil Engineering (MJCE), Vol 21 (1) June 2009 (0.05)
16	Statistical Precipitaion variability changes in Malaysia under climate change scenario simulations using a statistical downscaling	Nurul Adzura Ismail, Sobri Harun, Mohd Zaki Mat Amin. (UTM)	Malaysian Journal of Civil Engineering (MJCE), Vol 21 (1) June 2009 (0.05)
17	Butyltins contamination in port areas of Peninsula Malaysia	Sukarno Wagiman, Mohd. Ismid Mohd. Said, et al. (Dept.Of Fisheries & UTM)	Malaysian Journal of Civil Engineering (MJCE), Vol 21 (1) June 2009 (0.05)
18	The behaviour of cross-flow thermal effluent discharge in surface flow	Zulkiflee Ibrahim· Abd. Aziz Abdul Latif, et al. (UTM & UTHM)	Malaysian Journal of Civil Engineering (MJCE), Vol 21 (1) June 2009 (0.05)
19	Linear Root Water Uptake	Nazri Ali & S.W.Reef	Malaysian Journal of Civil Engineering (MJCE), Vol 21 (1) June 2009 (0.05)

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20	Strength, modulus of elasticity and shrinkage behaviour of Pofa Concrete	A.S.M. Abdul Awal and M. W. Hussin	Malaysian Journal of Civil Engineering (MJCE), 21(2) pp. (0.05)
21	Durability performance of Natural Rubber Latex Modified Concrete	Mohammad Ismail, Bala Muhammad and Nur Aiza Mohamad	Malaysian Journal of Civil Engineering (MJCE), 21(2) pp. (0.05)
22	PERISI: A computer Program for Preliminary Evaluation of Rainfall-induced Slope Instability	Nurly Gofar, Lee Min Lee	Malaysian Journal of Civil Engineering (MJCE), 21(2) pp. (0.05)
23	Comparison of Component Method with Experimental Tests for Flush End-Plate Connections using Hot-Rolled Perwaja Steel Sections	Mahmood Md Tahir, Mohd Azman Hussein, Arizu Sulaiman, Shahrin Mohamed	International Journal of Steel Structures, Vol 9, May 2009, pp 161 – 174
24	Development and characterization of novel charged surface modification macromolecule to polyethersulfone hollow fiber membrane with polyvinylpyrrolidone and water	Bolong, N., Ismail, A.F., Salim, M.R., Rana, D., Matsuura, T.	Journal of Membrane Science
25	GGBFS as Potential Filler in Polyester Grout: Flexural Strength and Toughness.	Lim, S. K., Hussin, M. W., Zakaria, F. and Ling, T. C.	Construction and Building Materials. 3 (5) 2007 - 2015
26	Uncertainty of sediment load prediction at a detention pond based on Monte Carlo simulation	Shamsudin, S., Mohamad, I.N., Rahman, A.A.	Journal of Environmental Hydrology
27	Characterisation of microbial flocs formed from raw textile wastewater in aerobic biofilm reactor (ABR)	Ibrahim Z., Amin M.F.M., Yahya A., Aris A., Umor N.A., Muda K., Sofian N.S.	Water Science and Technology
28	Influence of magnetic treatment on the improvement of landfill leachate treatment	Othman F., Sohaili J., Fauzia Z., Ni'am M.F.	International Journal of Environment and Waste Management
29	Cadmium and lead removal from municipal landfill leachate using carbon adsorbent made from oil palm shell	Othman F., Salim M.R., Sohaili J.	International Journal of Environment and Waste Management
30	Monte Carlo Analysis for Prediction of Noise from a Construction Site	Zaiton Haron and Khairulzan Yahya	International Journal of Construction for Developing Countries, Vol. 14, No.1, 2009, Universiti Sains Malaysia
31	Probability approach for prediction of construction site noise	Zaiton Haron, Khairulzan Yahya and Mohamad Ibrahim Mohamad	Journal of Asian Architecture and Building Engineering, JAABE Vol.8, No.2 November 2009
32	Modeling Infiltration for Muda Irrigation Scheme, Malaysia	Md. Hazrat Ali and Sobri Harun	J. Water Resources Management, Springer, The Netherlands, ISSN: 0920-4741 (Print) 1573-1650 (Online).
33	Data Analysis Application for Variable Message Signs Using Fuzzy Logic in Kuala Lumpur.	Arash Moradkhani Roshandeh, Othman Che Puan, and Majid Joshani	Engineering & Development, Issue 1, Volume 3, 2009, pp. 18 ? 27
34	Using Fuzzy Analytic Hierarchy Process for Southern Johor River Ranking	Mohamad Ashari Alias, Siti Zaiton Mohd Hashim, Supiah Shamsudin	Using Fuzzy Analytic Hierarchy Process for Southern Johor River Ranking
35	Uncertainty of Sediment Loads Prediction at Iskandar Malaysia Using Monte Carlo Simulation	Supiah Shamsudin, Irma Noorazurah Mohamad	Uncertainty of Sediment Loads Prediction at Iskandar Malaysia Using Monte Carlo Simulation
36	New modelling and evolution procedures for horizontal shear bond in composite slabs.	Abdullah, R and Easterling, W.S.	Journal of Constructional Steel Research. 65(4): 891-899
37	Structure Damage Detection Using Neural Network with Multi-Stage Substructuring	Bakhary,N., Hao, H. and Deeks, A.J.	Advances in Structural Engineering.
38	Properties of Crimb Rubber Concrete Paving Blocks with SBR Latex	Ling. T.C., Nor, H.M. and Hainin, M.R.	Road Material and Pavement Design 10 (1):213-222

No.	Title of Article	Author(s)	Journal (Impact Factor)
39	Long Term Strength of Rubberized Concrete Paving Blocks. Construction Materials	Ling, T. C., Nor, H. M., Hainin, M. R. and Lim, S. K.	Construction and Building Materials
40	The Provision of Infrastructure via Private Finance Initiative	Ismail, Syuhaida dan Md Yusof, Aminah	Theoretical and Empirical Researches in Urban Management (TERUM) Sepcial Numbers 1S/April 2009: Urban Issues in Asia: 76-86
41	Potential Evapotranspiration Model for Muda Irrigation Project, Malaysia.	Md. Hazrat Ali, and Lee Teang Shui	J. Water Resources Management, Springer, ISSN: 0920-4741 (Print) 1573-1650 (Online), 23(1): 57-69.
42	Bituminous Low Cost Road Initiatives-How Effective?	Ben-Edigbe J.E.	European Journal of Technology and Advanced Engineering Research Volume 1 No. 10 December 2009, ISSN : 1433-2248
43	Comparative Analysis of Optimized Static and Actuated Taffic Signal System	Ben-Edigbe J / Iffazun bt Mohd Ibrahim	Journal of Engineering and Applied Sciences - JEAS Volume 4 No 10 December 2009, ISSN 1819-1608
44	Multivariate Land Use Model Parameters for Population Growth	Ben-Edigbe J	Eurojournal of Scientific Research-Volume 38 Issue 3 December 2009, ISN 1450-216X
45	A Simple Model for Preliminary Evaluation of Rainfall Induced Slope Instability	Nurly Gofar, Lee Min Lee, Hariantio Rahardjo	Engineering Geology
46	A Case Study into the Language Structure of Construction Standard Form in Malaysia	Chong H.Y, Zin R.M	International Journal of Project Management
47	Laboratory Performance of Crumb Rubber Concrete Block Pavement	Ling.T.C., Nor, H.M., Hainin, M.R.	International Journal of Pavement Engineering
48	Some aspects of durability performance of high strength pal oil fuel ash concrete	Mohd. Warid Hussin, Mohamed E. Ismail	Malaysian Journal of Civil Engineering (MJCE), 21(2) pp.
49	Effects of Polymer-cement Ratio and Accelerated Curing on Flexural Behavior of Hardener-free Epoxy-modified Mortar Panels	Bhutta M.A.R.	Materials and Structures/ Materiaux et Constructons
50	Some aspects of durability performance of high strength pal oil fuel ash concrete	Mohd. Warid Hussin, Mohamed E. Ismail,	Malaysian Journal of Civil Engineering (MJCE), 21(2) pp.



CONFERENCE PROCEEDING

No.	Title of Article	Author(s)	Conference
1	Experimental tests on Partial Strength Connection for Cold-Formed Steel of Double Lipped Channel Sections	Mahmood Md Tahir, Tan Cher, Mahen Mahendran	Fifth International Conference on Thin-Walled Structures Brisbane, Australia
2	Comparison of Partial Strength Connection between Extended and Flush End-Plate Connections Using Built-Up Beam Sections	Shek Poi Ngian, Mahmood Md Tahir, Arizu Sulaiman, Tan Cher Siang, Wong Kah Leong	International Graduate Conference on Engineering and Science 2008 (IGCES 2008)
3	Experimental Behaviour of Partial Strength Steel Beam-To-Column Connection Using Built-Up Beam Sections	Shek Poi Ngian, Mahmood Md Tahir, Arizu Sulaiman, Wong Kah Leong	2nd Engineering Conference on Sustainable Engineering Infrastructures Development & Management (EnCon 08)
4	Ferrohydrodynamics Effects on One-dimensional Acoustic Fluid Flow with Fluid-structure Interaction	Roliza Md. Yasin, Erwan Hafizi Kasiman, Airil Yasreen Mohd Yassin, Ahmad Kueh Beng Hong and Norsarahaida Saidina Amin	Second International Conference and Workshops on Basic and Applied Sciences and Regional Annual Fundamental Science Seminar 2009
5	A Framework as an Alternative to BIM Environment for 2D and 3D Conventional Drawings	Muhd Zaimi Abd Majid, Citrakala M., Atefeh Mohammadpour	Proceeding of GICC, Loughborough, UK
6	An Automated Entities Extraction Model for Elements Recognition from the Structural 2D Drawing	Citrakala M., Muhd. Zaimi Abd. Majid	5th International Conference on Construction in the 21st Century, Istanbul, Turki
7	An Automated Quantities Estimating Model, Through Entities Extraction From Structural 2D Drawing	Citrakala M., Abdul Hakim Mohamaed, Muhd Zaimi Abd Majid	Proceeding of 6th Regional Symposium on Infrastructure Development, RSID6, Bangkok, Thailand
8	Benchmarks for Sustainable Formwork System	Mohammed Taher Ahmed, Rozana Zakaria, Rosli Mohamad Zin	The 1st International Conference on Sustainable Infrastructure and Built Environment in Developing Countries (SIBE 2009), Bandung, Indonesia
9	Malaysia's Private Finance Initiative	Syuhaida Ismail, Aminah Mohd Yusof	Proceedings of International Conference on Arts, Science, Management and Engineering, Goa, India
10	Methodology of the External Growth Modelling of Corrosion on Buried Gas Pipelines for Malaysian Soil Conditions	N,A.N, Ozma, N.M Noor, N Yahaya, S.R Othman	National Postgraduate Conference on Engineering, Science and Technology (NPC 2009), Universiti Teknologi Petronas
11	Physical Modelling Of Fly Ash Embankment In Mini-Geotechnical Centrifuge	Marto, A., Makhtar, A.M., Kassim, K.A., Yaacob, W.Z and Muhardi	Proceeding 1st International Conference On Sustainable Infrastructure and Built Environment In Developing Countries, SIBE-2009
12	SHASSIC and SPMT: Their Differences	Ahmadon Bakri, Mohd Saidin Misnan, Lee Chia Kuang, Syuhaida Ismail, Rosli Mohamad Zin	International Conference On Construction Industry ii 2009, Padang Indonesia
13	Chemical Resistance and Water Exclusion Properties of Natural Rubber Latex-Modified Concrete (NRL-MC)	Mohammad Ismail, Bala Muhammad, Nur Aiza Mohamad	Proceedings of the 6th Asian Symposium on Polymers in Concrete, Shanghai, China
14	The Significance of Lean Principles to Achieve Rapid Construction	Muhamad Azani Yahya, Mohamad Ibrahim Mohamad	National Postgraduate Conference on Engineering and Science, Universiti Teknologi Petronas

No.	Title of Article	Author(s)	Conference
15	Sustainable Living in Malaysia	M. Vikneswaran, Mohd Ismid Mohd Said, Rozana Zakaria	International Conference on Engineering and Education in 21st Century, Kuching, Sarawak
16	Failure mode of grout-filled gripped sem-cylinder sleeve under tensile load	Ling Jen Hua, Ahmad Baharuddin Abd Rahman and Zuhairi Abd Hamid	10th International Conference On Concrete Engineering and Technology
17	Fair Risk Allocation in Malaysia's Version of Private Finance Initiative (PFI): A Reality or A Myth?	Syuhaida Ismail, Aminah Md Yusof	CRIOCM 2009 International Symposium on "Advancement of Construction Management and Real Estate", Nanjing, China
18	Groundwater Variation and Soil Stability in Relation to Vegetation Induced Water Uptake	Stephen Willian Rees, Nazri Ali, Catherine Wilson	33rd IAHR International Conference, ASCE, Vancouver
19	Math Oriented Critical Thinking Skills in Engineering	Napisah Mohd Radzi, Mohd Salleh Abu, Shahrin Mohamad	International Conference on Engineering Education (IECEED 2009), Kuala Lumpur
20	Partnership, Privatisation, Concession, Public Private Partnership (PPP) and private Finance (PFI) : A Comperative Literature	Syuhaida Ismail, Aminah Md Yusof	International Conference on Construction Industry, Padang, Sumatera, Indonesia
21	Rapid Construction Criteria and its Implementation in Construction Industry	Muhamad Azani Yahya, Mohamad Ibrahim Mohamad	Management in Construction Researchers Association 2009 (MiCRA), Universiti Sains Malaysia, Penang
22	Pemilihan Kaedah Reka dan Bina Oleh Klien Sektor Awam dan Swasta	Mohd Saidin Misnan, Zuhaili Mohamad Ramly, Lee Chia Kuang, Nor Fadzly Abdullah, Ahmadon Bakri	Management in Construction Research Conference (MICRA), Universiti Sains Malaysia, Penang
23	Perspectives From The Implementers And The Consultants: Effectiveness of HIRARC as A Safety Management Tool On Construction Sites	Ahmadon Bakri, Mohd Saidin Misnan, Lee Chia Kuang, Zuhaili Mohamad Ramly	Management in Construction Research Conference (MICRA), Universiti Sains Malaysia, Penang
24	Kaedah Penandaarasan Sebagai Kaedah Terbaik Dalam Membangunkan Budaya Keselamatan Dalam Industri Pembinaan di Malaysia	Ahmadon Bakri, Mohd Saidin Misnan, Lee Chia Kuang, Zuhaili Mohamad Ramly	Management in Construction Research Conference (MICRA), Universiti Sains Malaysia, Penang
25	Pengurusan Projek Pembinaan: Kaedah Dan Keberkesanan Komunikasi di Tapak Bina	Mohd Saidin Misnan, Zuhaili Mohamad Ramly, Lee Chia Kuang, Ting Keing, Ahmadon Bakri	Management in Construction Research Conference (MICRA), Universiti Sains Malaysia, Penang
26	Occupational Safety And Health Management System: Key Process Areas (KPAs), Key Processes And Key Practices of Enablers In Construction Firms	Mohd Saidin Misnan, Ahmadon Bakri, Lee Chia Kuang, Zuhaili Mohamad Ramly	Management in Construction Research Conference (MICRA), Universiti Sains Malaysia, Penang
27	Assessment of Dilemma Zone Conflicts at Isolated Intersections Controlled by Different Types of Traffic Signal Systems	Othman Che Puan and Era Triana	International Conference on Science, Technology and Innovation for Sustainable Well-Being (STISWB), Mahasarakham University, Thailand
28	The Characteristics of Bitumen with Long Chain Aliphatic Hydrocarbon Additive in Warm Mix Asphalt "Green Technology"	Suleiman Arafat Yero, Mohmad. Rosli Hainin, Abdul Aziz Chik, Haryati Yacoob	International Conference on Building Science and Engineering, Johor

No.	Title of Article	Author(s)	Conference
29	Warm Mix Asphalt the Green Technology in the Pavement Industry	Abdul Aziz bin Chik	3rd International Conference on Built Environment (ICBEDC 2009), USM, P. Pinang
30	Clonal Classification Impact on Physical and Mechanical Properties of Natural Rubber Latex – Modified Concrete	Mohamad Ismail	7th International Conference on Composite Science and Technology
31	Innovative Research on Industrial by-product for Sustainable Development	Mohammad Ismail	1st International Conference on Energy and Environment, Nawabshah, Pakistan
32	The Significance of Lean Pprinciples to Achieve Rapid Construction	Muhammad Azani Yahya and Mohamad Ibrahim Mohamad	National PostGraduate Conference on Engineering, Science & Technology, University Technology of Petronas
33	Seismic Hazard Assessment for Earthquake Resistant Design of Structures in Malaysia	Prof. Dr. Azlan bin Adnan	Seismological Society of America Annual Meeting (SSA 2009)
34	Distributed Fiber Optics Strain Measurements for Monitoring Geotechnical Structures	Soga, K., Mohamad, H. and Bennett, P.J.	6th International Conference on Case Histories in Geotechnical Engineering (Symposium in honor of Professor James K Mitchell), Arlington, USA
35	Distributed Optical Fibre Strain Measurements of Tunnel Deformation Induced by Close-Proximity Tunnelling	Mohamad, H.	BGA Young Geotechnical Engineers Symposium, UCL, London
36	Inspection Data Error and Its Consequence Towards Sustainable-Based Maintenance Program of Corroding Pipelines	Dr. Norhazilan Md. Noor	8 th International Annual Sysposium on Sustainability Acience and Management (UMTAS) 2009
37	A Probabilistic Modelling of Corrosion Growth in Marine Ballast Tank for Sustainable Maintenance Scheme	Dr. Norhazilan Md. Noor, Siti Rabe'ah Othman	8 th International Annual Sysposium on Sustainability Acience and Management (UMTAS) 2000
38	Establishments of Corrosion Model for Pipeline Exposed to Marine Environment	Dr. Norhazilan Md. Noor, Nor Apaziah Nor Ozman	8 th International Annual Sysposium on Sustainability Acience and Management (UMTAS) 2009
39	Prediction of Marine Corroding Pipelines Integrity using Capacity Equation with Partial Safety Factor	Dr. Norhazilan Md. Noor, Shadiah Husna Mohd Nor	8 th International Annual Sysposium on Sustainability Acience and Management (UMTAS) 2009
40	Understanding The Scoring Methods for Sustainable Buildings in Malaysia	Prof. Madya Dr. Faridah Shafii	Construction Technologies & Sustainable Building Materials, Singapore
41	Biological Nutrient Removal and Changes in Microbial Community Structure n a MBR at Different Organic Loading Rates	Dr. Zubair Ahmed	7th International Conference on Membrane Science & Technology (MST 2009), Corus Hotel, Kuala Lumpur
42	Shear Strength Prediction of Ferrocement Using Artificial Neural Network	M.A. Mansur, Mohammad Ismail, Y.J. Lau	9th International Symposium on Ferrocement and Thin Reinforced Cement Composites, Bali, Indonesia, ISBN978-979-1165-93-8

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43	Strengthening Of Bolted Shear Joints In Industrilised Ferrocement Construction	M.A. Mansur, Mohammad Ismail, C.E. Chiong	9th International Symposium on Ferrocement and Thin Reinforced Cement Composites, Bali, Indonesia ISBN 978-979-1165-93-8
44	Extreme Rainfall for Slope Stability Evaluation	Prof. Madya Dr. Nurly Gofar	International Symposium on Prediction & Simulation Methods for Geohazard Mitigation (IS Kyoto)
45	Deposition of Sediments I Detention Pond	En. Tarmizi Ismail, Mazlina Alang Othman	International Conference on Water Resources (ICWR 2009) Langkawi
46	Modelling of volatile organic compounds in groundwater system	Norhan Abd. Rahman, Zainab Mohd. Yusof, Ngien Su Kong and Rubi Kliwon	International Conference in Water Resource 2009, Langkawi
47	Evaluation of Gross Pollutant Traps (GPTs) for Open Channel System	Norhan Abd Rahman, Noraliani Alias, Noor Suraya Romali and Norasman Othman	International Conference in Water Resource 2009, Langkawi
48	Water Quality Variation of the Upper Part of Johor River in Relation to Rainfall and Runoff Pattern	Ayob Katimon and Hasmiza Hamza	International Conference in Water Resource 2009, Langkawi
49	Hourly Rainfall-runoff Modelling Using Particle Swamp Optimization Feedforward Neural Network (PSONN)	Kuok King Kuok, Sobri Harun and Siti Mariyam Shamsuddin	International Conference in Water Resource 2009, Langkawi
50	Simulation of MOFAT for light non aqueous phase liquid (LNAPL) in the unsaturated zone	Samira Albati Kamaruddin, Wan Nor Azmin Sulaiman, Norhan Abd Rahman, and Mohamad Pauzi Zakari	International Conference in Water Resource 2009, Langkawi
51	Design of High Concrete Gravity Dam and Its Stability Analyses for Varying Earthquake Intensities.	Md. Hazrat Ali, Sobri Harun and M.J. Alam	International Conference in Water Resource 2009, Langkawi
52	Development and Applications of Flood Hazard map for Damansara River, Selangor, Malaysia	Sabri Abdul Mulok, Shukri Muslim, Norhan Abd. Rahman, Sobri Harun and Abd. Jalil Hassan	International Conference in Water Resource 2009, Langkawi
53	Modeling Riparian Buffer Zone for Improving Water Quality and Quantity	Said Hassan Matan, Ayob bin Katimon, and Supiah Shamsudin	International Conference in Water Resource 2009, Langkawi
54	Comparison of Wave Hindcasting of Linear Wave Theory and SWAN Modelling at Batu Pahat River Estuary	Norazlina Bateni, Noor Baharim Hashim, Juwita Asfar, and Onni Suhaiza Selaman	International Conference in Water Resource 2009, Langkawi
55	An Experimental Study on The Flow Characteristics in Straight Compound Channels	Zulkiflee Ibrahim, Zuhlilmi Ismail, Sobri Harun, Koji Shiono, Mohd Fauzi Marzuki, Mohd Azizi Abdul Aziz and Normazwan Shah Anas	International Conference in Water Resource 2009, Langkawi
56	Rivers Ranking using Fuzzy Analytic hierarchy process	Mohamad Ashari Alias, Supiah Shamsudin and Siti Zaiton Hashim	International Conference in Water Resource 2009, Langkawi
57	Convective Rainfall Characteristics in Ampang, Selangor	Nordila A., Zulkifli Y. and Zalina MD	International Conference in Water Resource 2009, Langkawi

No.	Title of Article	Author(s)	Conference
58	Investigating Drought Index Due to the Climate Change Effect	Sobri Harun ¹ , Zaki Mat Amin ²	International Conference in Water Resource 2009, Langkawi
59	Climate Change Exploration in Muda Irrigation Scheme	Md. Hazrat Ali and Sobri Harun	International Conference in Water Resource 2009, Langkawi
60	Characterization of Total Suspended Solids, COD and Oil & Grease in Stormwater Runoff From Industrial Site	M.F. Chow, and Z. Yusop	International Conference in Water Resource 2009, Langkawi
61	Hydrodynamic and Salinity Transport Model in an Estuarine System	Noor Baharim Hashim, Nuryazmeen Farhan Haron, and Maznah Ismail Juhari Muhd Yusof	International Conference in Water Resource 2009, Langkawi
62	Numerical Simulation of Coastal Pollution in Sungai Johor Estuarine System	Noor Baharim Hashim, Razali Ismail, Maznah Ismail and Nuryazmeen Farhan Haron	International Conference in Water Resource 2009, Langkawi
63	Hydrograph Separation for Small Oil Palm Catchment Based on Isotopes, Silica and Graphical Approache	Geoffery James Gerusu, Zulkipli Yusop, Wan Zakaria Wan Md Tahir, Lakam Mejus, Johari Abd Latif, and Juhari Muhd Yusof	International Conference in Water Resource 2009, Langkawi
64	Flow Behaviours in Compound Meandering Channel with Non-Vegetated and One Line Cross-Over Vegetated Floodplains for Overbank Flow	Zulhilmi Ismail and Koji Shiono	International Conference in Water Resource 2009, Langkawi
65	Sediment Yield Analysis For Johor River Basins	Supiah binti Shamsudin, Nazuha Abu Bakar, and Azmi Ab Rahman	International Conference in Water Resource 2009, Langkawi
66	A Stochastic Approach for Stormwater Detention Pond Design at Iskandar Malaysia, Johor	Supiah Shamsudin, Zainiah Mohd Zin, Azmi Ab Rahman, and Salisu Dan Azumi	International Conference in Water Resource 2009, Langkawi
67	Flood Modelling Evaluation in River Meandering Channel Under tidal Effect	Mohd Fauzi Mohamad, Norhan Abd. Rahman and Abd. Jalil Hassan	International Conference on Water Resources, ICWR 2009
68	Morphology, Mineralogy and Physical Characteristics of Tanjung Bin Coal Ash	Prof. Dr. Aminaton Marto	4th International Conference on Recent Advances in Materials, Minerals and Environment and 2nd Asian Symposium on Materials and Processing (RAMM & ASMP 2009) Bayview Beach Resort, Batu Ferringhi, Pulau Pinang
69	Engineering Properties of Limestone from Pandan Indah, Kuala Lumpur	Prof. Madya Mohd For bin Mohd. Amin	Eleven Regional Congress on Geology Mineral & Energy Resources of Southeast Asia - Geosea 2009, Persatuan Geologi Malaysia - Istana Hotel, Kuala Lumpur
70	Approach an Assessing Rippability of Rocks	Prof. Madya Mohd For bin Mohd. Amin	Eleven Regional Congress on Geology Mineral & Energy Resources of Southeast Asia - Geosea 2009, Persatuan Geologi Malaysia - Istana Hotel, Kuala Lumpur

No.	Title of Article	Author(s)	Conference
71	Probability Method for Assessing Drivers Decision at Onset of Amber Period at Signalised Intersections	Prof. Madya Dr. Othman Che Puan, Era Triana	5th International Conference on Mathematics, Statistics and Their Applications, Kota Bukittinggi, Padang, Indonesia
72	Fuzzy Logic System for Variable Message Signs in Kuala Lumpur	Arash Moradkhani Roshandeh, Othman Che Puan and Majid Joshani	European Computing Conference 2009. Tbilisi, Georgia, Portugal.
73	Assessment of Impact of Variable Message Signs on Traffic Surveillance in Kuala Lumpur	Arash Moradkhani Roshandeh and Othman Che Puan	IEEE Intelligence Security and Informatics 2009 - ISI, Dallas, Texas.
74	Application of a Logistic Model to the Analysis of Driver's Decision at an Onset of Amber Period at Signalised Intersections.	Othman Che Puan and Era Triana.	International Conference Mathematics, Statistics and Their Applications. Bukit Tinggi, Indonesia.
75	Qualitative Road Service Reduction Resulting From Pavement Distress	Ben-Edigbe J /Ferguson N.S	WIT International Conference on Urban Transport XVI Volume 108, ISSN:1743-3509 Bologna, Italy
76	Using Fuzzy Analytic Hierarchy Process For Southern Johore Rivers Ranking	M. Ashari, A., S. Zaiton, M.H., Supiah, S.	Post Graduate Research Seminar 2009 (PARS'09), Faculty of Computer Science & Information Systems. Universiti Teknologi Malaysia
77	Evaluation of Effect of Traffic Signal Coordination on Congestion.	Mahmood Mahmoodi Nesheli, Othman Che Puan and Arash Moradkhani Roshandeh,	2nd International Conference on Urban Planning and Transportation. Rodos Island, Greece
78	Assessment of Dilemma Zone Conflicts at Isolated Intersections Controlled by Different Types of Traffic Signal Systems.	Othman Che Puan and Era Triana.	International Conference on Science, Technology and Innovation for Sustainable Well-Being (STISWB), Maharakham University, Thailand.
79	Pengurusan Projek Pembinaan: Kajian Kaedah dan Keberkesanan Komunikasi di Tapak Bina	Mohd Saidin Misnan, Zakaria Mohd Yusof, Ahmadon Bakri, Zuhaili Mohamad Ramly	International Conference on Construction Industry II 2009 (ICCI 2009), Padang, Sumatera Barat, Indonesia
80	Pengurusan Keselamatan Tapak Bina Dari Aspek Penggunaan Perancah	Mohd Saidin Misnan, Zakaria Mohd Yusof, Sarajul Fikri Mohammed, Wan Yusoff Wan Mahmood, Ahmadon Bakri	International Conference on Construction Industry II 2009 (ICCI 2009), Padang, Sumatera Barat, Indonesia
81	Pilihan Kerjaya Graduan Ukur Bahan IPTA Di Malaysia	Mohd Saidin Misnan, Zakaria Mohd Yusof, Sarajul Fikri Mohammed, Ahmadon Bakri, Abdul Hakim Mohamed	International Conference on Construction Industry II 2009 (ICCI 2009), Padang, Sumatera Barat, Indonesia
82	Safety Culture Leadership Model in Malaysian Construction Firms	Mohd Saidin Misnan, Zakaria Mohd Yusof, Sarajul Fikri Mohammed, Ahmadon Bakri, Abdul Hakim Mohamed	International Conference on Construction Industry II 2009 (ICCI 2009), Padang, Sumatera Barat, Indonesia
83	Pengurusan Projek Pembinaan: Kajian Kaedah dan Keberkesanan Komunikasi di Tapak Bina	Mohd Saidin Misnan, Zakaria Mohd Yusof, Ahmadon Bakri, Zuhaili Mohamad Ramly	International Conference on Construction Industry II 2009 (ICCI 2009), Padang, Sumatera Barat, Indonesia

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84	Development of Noise Emission Database from Construction Site Equipments for Construction Noise Prediction	H.M. Noh, Z. Haron and K. Yahya	7th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
85	Challenges Faced by Malaysian Contractors in International Ventures	M.I.Mohamad, N.A. Radzuan, A.Mohamedpour and M.Mustaffar	7th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
86	The Elements Identification for Sustainable Roof Materials in Malaysia	R.Zakaria, N.Hamzani and T.Anak Nok	7th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
87	The Elements of Sustainable Urban Neighbourhood Design	M.I. Mohd Said, R.Zakaria and M.Vikneswaran	7th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
88	Accident Under Reporting in the Malaysian Construction Industry	R.Zin and A.Wai	7th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
89	Measuring Beam Using Stereo Digital Images	M.Mustaffar, S.Bakar, R.Sa'ari and M.Mohamad	7th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
90	Simulation of Industrialised Building System Formation for Housing Construction.	Atefeh Mohammadpour , Ahmad Razin Zainalabidin, Abdul Kadir Marsono, Masine Md Tap	7th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
91	Pilihan Kerjaya Graduan Ukur Bahan IPTA Di Malaysia	Mohd Saidin Misnan, Zakaria Mohd Yusof, Sarajul Fikri Mohammed, Ahmadon Bakri, Abdul Hakim Mohamed	International Conference on Construction Industry II 2009 (ICCI 2009), Padang, Sumatera Barat, Indonesia
92	Safety Culture Leadership Model in Malaysian Construction Firms	Mohd Saidin Misnan, Zakaria Mohd Yusof, Sarajul Fikri Mohammed, Ahmadon Bakri, Abdul Hakim Mohamed	International Conference on Construction Industry II 2009 (ICCI 2009), Padang, Sumatera Barat, Indonesia
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100	Simulation of Industrialised Building System Formation for Housing Construction.	Atefeh Mohammadpour , Ahmad Razin Zainalabidin, Abdul Kadir Marsono, Masine Md Tap	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
101	Performance of IBS Precast Concrete Beam-Column Connections Under Earthquake Effects	Azlan Bin Adnan, Abdul Karim Mirasa, Ahmad Baharuddin Abd. Rahman, Patric Tiong Liq Yee	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC) Langkawi
102	Safety Management: A Framework of Safety Culture Development Process	Mohd. Saidin Misnan, Abdul Hakim Mohammed, Wan Yusoff Wan Mahmood, Syamsul Hendra Mahmud, Ahmadon Bakri	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
103	The Mechanical Properties of High Strength Concrete for Box Girder Bridge Deck in Malaysia	A. Adnan, M. Suhatri, M.T. Ismail	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
104	Effects of Adding Internal Tube(s) on Behavior of Framed Tube Tall Buildings Subjected to Lateral Load	Mostafa Moghadasi, Abolghassem Keramati	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
105	Long-term Behavior of Precast Prestressed Hollow Core Slabs with Concrete Toppings	Izni S. Ibrahim, Kim S. Elliott	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
106	Structural Performance of Plice Connector for Precast Concrete Structures	Jen Hua Ling, Ahmad Baharuddin Abd. Rahman, Zuhairi Abd. Hamid, Izni Syahrizal Ibrahim, Abdul Karim Mirasa	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
107	The Effectiveness of the Core Wall, Outrigger, and Belt Wall in Minimizing the Response Due to Wind Load	Roslida A. Samat, Nasly M. Ali, Abdul K. Marsono	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
108	Seismic Vulnerability Study of Putra LRT Tunnel	Mohd Zamri Ramli, Azlan Adnan	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
109	Behavior of Bolted Beam-to-column Precast Concrete Connections under Gravity and Lateral loads	Shuhaimi Shaedon, Ahmad Baharuddin Abd Rahman, Chin yee lim	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
110	Finite Element Modeling of Elastometric Hollow Rubber Bearing.	Azlan Adnan, Hossein Khalilpasha, Jatti Sunaryati	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
111	Measuring Beam Deflections using Stereo Digital Images.	Mushairry Mustaffar, Suhaimi A. Bakar, Redzuan Sa'ari, Mohamad I. Mohamad	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi

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113	Influence of Palm Oil Fuel Ash Fineness on Sulfate Resistance of Mortar and Concrete	Ahmed Budiea, Mohamed Abdel Kader Al-Gelany Ismail, M.W. Hussin	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
114	A Short-Term Investigation on the Deformation Behavior of Concrete Containing Palm Oil Fuel Ash	M.W. Hussin, A. S. M. Abdul Awal	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
115	Sub structuring Technique for vibration-based damage detection using Statistical Multi-Stage Artificial Neural Network: An Experimental Verification	Norhisham Bakhary, Azlan Abdul Rahman, Badrul Hisham Ahmad	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
116	Concrete Compressive Strength with prepacked polymer-modified cementitious mortar as Modifier	Mohamed A. Ismail, Nurul Ain Hanina, Mohamad Fodzi, Mohammad Ismail, Redzuan Abdullah	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
117	Effect of Latex Concentrate on the Strengths and Drying Shrinkage of Concrete.	Mohammad Ismail, Bala Muhammad, M. Hamidi Hadi M. Zabidin	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi ISBN 978-983-42613-8-2 (Vol II)
118	Influence of Chemical Admixture in the Development of Strength of Prepacked Concrete	A.S.M. Abdul Awal	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
119	Status of Research and Application of Concrete-polymer Composites in Japan.	Muhammad Aamer Rafique Bhutta, Yoshihiko Ohama	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
120	Performance of Concrete Containing Effective Microorganisms (EM) Under Various Environments	Jamaludin M. Yatim, Mohamad Ismail, Wan A. W. A. Rahman, Chiew V. Yaw	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi ISBN 978-983-42613-8-2 (Vol II)
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122	Flexural Behavior of Externally Bonded CRFP-Reinforced Concrete Beam Exposed to Natural Weather	Mohd. Hisbany M. Hashim, Abdul Rahman Mohd. Sam, M. W. Husin	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
123	Bending Behavior of Timber Beams Strengthened Using Carbon Fiber Reinforced Polymer	Yusof Ahmad, Abd Latif Saleh	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), Langkawi
124	Utilization of Waste Material in Manufacturing of Construction Products	Mohammad Ismail, Sim Keok Lau, Zaiton Majid, Mohamed E. Ismail	7 th Asia Pacific Structural Engineering and Construction Conference (APSEC), 4-6 August 2009, Langkawi ISBN 978-983-42613-8-2 (Vol II)

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126	Groundwater Variation and Soil Stability in Relation to Vegetation Induced Water Uptake	REES, S.W., Ali, N. and Wilson, C.	3 rd IAHR International Conference, ASCE, Vancouver, Canada
127	Developing Aerobic Granular Sludge in Hot Climates	A. Nor-Anuar, Z. Ujang, M.C.M van Loosdrecht and M.K. de Kreuk	1st-IWA Development Congress, Mexico City, Mexico
128	Sustainability of Water Quality and Resources Management in Malaysia	Z. Ujang, R. Abd-Rahman, A. Nor-Anuar and M. Hamdzah	1st-IWA Development Congress, Mexico City, Mexico
129	Application of PCE Values in Highway Capacity and LOS Analysis	Ben-Edigbe J/Abdul Aziz Muti	13th International Conference of the Road Engineering Association of Asia and Australia (REAAA) Songdo Convensia, South Korea
130	Fibre Optic Installation Techniques for Pile Instrumentation	Mohamad, H., Soga, K., and Bennett, P.J.	17th International Conference on Soil Mechanics and Geotechnical Engineering (ICSMGE), Alexandria, Egypt
131	Achieving Rapid Construction Using Lean Principles	Muhammad Azani Yahya and Mohamad Ibrahim Mohamad	International Symposium on Construction in Developing Economies : Commonalities among diversities, Universiti Sains Malaysia, Penang
132	Study on the Strength Characteristic of Aerobic Granular Sludge	A.Nor-Anuar, Z.Ujang, M.C.M. van Loosdrecht, M.K. de Kreuk and G.Olsson	3rd-IWA ASPIRE Conference and Exhibition, Taiwan, Chinese Taiwan
133	Mixing Criteria Development for Aerobic Granular Sludge Reactor Operations	A.Nor-Anuar, Z.Ujang, M.C.M. van Loosdrecht, M.K. de Kreuk and G.Olsson	3 rd -IWA ASPIRE Conference and Exhibition, Taiwan, Chinese Taiwan
134	The Challenge To Develop Photosynthetic Aerobic Granular Sludge	F. A. Dahalan, Z. Ujang, A. Nor-Anuar, Z.Z. Noor, G. Olsson	3 rd -IWA ASPIRE Conference and Exhibition, Taiwan, Chinese Taiwan
135	COD Fractionation of Palm oil mill effluent (POME) : Typical Treatment, Biodegradability and Modeling	Salmiati , Mohd Razman Salim, Zaini Ujang , G. Olsson	3 rd -IWA ASPIRE Conference and Exhibition, Taiwan, Chinese Taiwan
136	Recovery of Polyhydroxyalkanoates (PHAs) from Mixed Microbial Cultures by Simple Digestion and Saponification	Salmiati , Mohd Razman Salim, Zaini Ujang , G. Olsson	3 rd -IWA ASPIRE Conference and Exhibition, Taiwan, Chinese Taiwan
137	Effectiveness of Bio-fouling Reducer in Aerobic Submerged Membrane Bioreactor for Palm Oil Mill Effluent Treatment	A. Yuniarto, Zainura Zainoon Noor and Zaini Ujang	3 rd -IWA ASPIRE Conference and Exhibition, Taiwan, Chinese Taiwan
138	Characterization of Land Use Model Parameters for Population Growth	Ben-Edigbe J.E/Garang Teng Kin Tai	2nd World Road Congress, Singapore

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139	Surface Soil Improvement for Rainfall Induced Failure	Saman Daneshmand, Nurly Gofar, Khairul Anuar Kassim	5th National Conference in Civil Engineering, AWAM 2009, Kuala Lumpur
140	Stiffening of Cold-Formed Steel Section at Plastic Hinge Formation	Prof. Madya Dr. Mohd Hanim b. Osman	Persidangan Kebangsaan Awam 2009 (PPKA), Hotel Corus, Kuala Lumpur
141	Tensile Performance of Modified Hollow Sections Splice Sleeve Connector Under Direct Tensile Load	Prof. Madya Dr. Ahmad Baharuddin Abd. Rahman, Ling Jen Hua	2nd Construction Industry Research Achievement International Conference (CIRAIC 2009), CIDB Convention Centre, Kuala Lumpur
142	Incremental Statics Point Load Tests on Precast Concrete Beam to Column Connections	Prof. Madya Dr. Ahmad Baharuddin Abd. Rahman, Lim Jee Hock	2nd Construction Industry Research Achievement International Conference (CIRAIC 2009), CIDB Convention Centre, Kuala Lumpur
143	Performance of Splice Sleeve Connector with Spiral Reinforcement Bar Under Direct Tensile Load	Prof. Madya Dr. Ahmad Baharuddin Abd. Rahman, Shuhaimi b. Shaedon	2nd Construction Industry Research Achievement International Conference (CIRAIC 2009), CIDB Convention Centre, Kuala Lumpur.
144	Performance of Load-bearing Pile with Trapezoid Web Profile	Prof. Madya Dr. Mohd Hanim b. Osman	2nd Construction Industry Research Achievement International Conference (CIRAIC 2009), CIDB Convention Centre, Kuala Lumpur
145	Comparing Holtan, Green-Ampt and SCS Infiltration Models to Estimate Infiltration in Muda Irrigation Scheme, Malaysia	Prof. Madya Dr. Md. Hazrat Ali	The 1st International Seminar on Sustainable Infrastructure and Built Environment in Developing Countries, Sasana Budaya Ganes, ITB, Bandung, Indonesia
146	Physical Modelling of Fly Ash Embankment in Mini-Geotechnical Centrifuge	Marto, A., Makhtar, A.M., Kassim, K.A., Yaacob, W.Z., Muhardi	The 1st International Seminar on Sustainable Infrastructure and Built Environment in Developing Countries (SIBE) 2009 Sasana Budaya Ganes, ITB, Bandung, Indonesia
147	Contributing Towards Sustainable Development Through A Simple Test of Potential Alkali Silica Reaction (ASR)	Dr. Edy Tonnizam b. Mohamad	20th Anniversary Quarry Conference & Exhibition 2009, Holiday Inn Glenmarie, Kuala Lumpur
148	Assessment of Unsignalised Access Road Junction Spacing and Their Traffic Overflow Implications	Ben-Edigbe J.E/Noornadia bt Md Salim	1st International Conference on Sustainable Infrastructure and Built Environment, Bandung, Indonesia, ISSN 978-979-98278-2-1
149	The Effect of Soil-Pile Interaction for Integral Prestressed Concrete Boxgirder Bridge Seismic Study	Meldi Suhatri, Azlan Adnan, Ismail M. Taib	Proceeding of the 1st International Conference on Sustainable Infrastructure and Built Environment, Bandung, Indonesia
150	Tsunami Research Post 2004 Event: Contributions of Academia, AIWEST-DR 2009	Ahmad Khari Abdul Wahab and Hadibah Ismail,	Banda Aceh
151	The Application of Artificial Neural Networking Predicting Building Damaged Based on Seismic Evaluation in Malaysia	Rozaina Ismail, Adnan A, Ibrahim A	Conference on ASEAN Federation of Engineering Organizations 2009, Suntee City Convention Center, Singapore

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152	Warm Mix Asphalt the Green Technology in the Pavement Industry	Prof. Madya Dr. Abdul Aziz b. Chik, Suleiman Arafat Yero	3rd International Conference on Built Environment (ICBEDC 2009), Universiti Sains Malaysia (USM), Pulau Pinang
153	Fate and Transport of Oil & Grease in Stormwater Runoff at High Density Commercial Catchments	Prof. Dr. Zulkifli b. Yusop, Chow Ming Fai	Regional Conference on Environmental and Earth Resources (RCER'09), Hotel M.S. Garden, Kuantan, Pahang
154	The Characteristics of Bitumen with Long Chain Aliphatic Hydrocarbon Additive in Warm Mix Asphalt "Green Technology"	Prof. Madya Dr. Abdul Aziz b. Chik, Suleiman Arafat Yero	International Conference on Building Science and Engineering (ICON-BSE) 2009, Hotel Puteri Pacific, Johor
155	Significance of Rapid Construction as a Modernizing Construction in Malaysia	Muhammad Azani Yahya and Mohamad Ibrahim Mohamad	International Conference on Building Science and Engineering (ICON-BSE), Johor Bahru

