

A hand-drawn landscape plan on a light-colored background. The plan features various green spaces, paths, and structures. Labels in German are scattered throughout: 'EIGENHECKE' at the top left, 'ZIERGRASBEET' and 'SCHNITTGRAS' at the top, 'BUCHSHECKE' on the right, 'BUCHS VORH.' in the middle left, 'SCHNEEBALL VORH.' at the bottom, and 'STRAUCHROSEN' on the right side. A blue stream or path winds through the plan. A green callout box is positioned in the center-right. A pencil is visible in the bottom left corner.

APPENDIX

“ QS Ranking based on employer perception, we are ranked at no 53 based on a survey of 3000 institutions “

International Journal (Impact Factor)

No	Article Title	Authors	Journal Title/Conference	Impact Factor
1	Experimental Evaluation of Flush End-Plate Connection with Built-up Hybrid Beam Section	P.N. Shek, M.M. Tahir, A. Sulaiman, C.S. Tan	Advances in Structural Engineering	0.324
2	Jointing Sand Characteristics of Interlocking Concrete Block Pavements at Different Slopes and Joint Widths (Cirian Pasir Pengisi Sambungan Turapan Blok Konkrit Saling Mengunci pada Jarak Sambungan dan Kecerunan yang Berbeza)	Nur Izzi Md. Yusoff, Mohd Rosli Hainin, Hasanan Md Nor	Sains Malaysiana	0.268
3	Influence of Non-hydrocarbon Substances on the Compressive Strength of Natural Rubber Latex-modified Concrete	Bala Muhammadiyah, Mohammad Ismail, Muhammad Aamer Rafique Bhutta, Zaiton Abdul Majid	Construction and Building Materials	1.834
4	Evaluation Of High-Performance Porous Concrete Properties	M.Aamer Rafique Bhutta, K.Tsurata, J.Mirza	Construction and Building Materials	1.834
5	Behaviour Of Grouted Pipe Splice Under Incremental Tensile Load	Jen Hua Ling, Ahmad Baharuddin Abd. Rahman, Izni Syahrizal Ibrahim, Zuhairi Abdul Hamid	Construction and Building Materials	1.834
6	"Fitting-free Hyperelastic Strain Energy Formulation for Triaxial Weave Fabric Composites"	A.B.H. Kueh	Mechanics of Materials	1.769
7	Modeling of Suction Distributions in an Unsaturated Heterogeneous Residual Soil Slope	Azman Kassim, Nurly Gofar, Lee Min Lee, Harianto Rahardjo	Engineering Geology	1.242
8	Influence of Evaporation on Transient Suction Distribution in Unsaturated Soil	Gambo Haruna Yunusa, Nurly Gofar	International Journal of the Physical Sciences	0.540
9	Performance Of Natural Rubber Latex Modified Concrete In Acidic And Sulfated Environments	Bala Muhammad, Mohammad Ismail	Construction and Building Materials	1.834
10	A 3-Tier Tsunami Vulnerability Assessment Technique For The North-West Coast Of Peninsular Malaysia	Ismail, H., Abd Wahab, A.K., Mohd Amin, M.F., Mohd Yunus, M.Z., Jaffar Sidek, F., Esfandier J., B.	Natural Hazards	1.529
11	Assessment Of Fema356 Nonlinear Static Procedure And Modal Pushover Analysis For Seismic Evaluation Of Buildings	Khoshnoud, HR; Marsono, K	Structural Engineering And Mechanics	0.863
12	Stabilization Of Tropical Kaolin Soil With Phosphoric Acid And Lime	Eisazadeh, A; Kassim, KA; Nur, H	Natural Hazards	1.529
13	The Performance of Electrochemical Remediation Technologies in Soil Mechanics	Niroumand Hamed, Nazir Ramli, Kassim Khairul Anuar	International Journal Of Electrochemical Science	3.729
14	Experimental Performance of Soil Hook System as an Innovative Soil Anchors in Sand	Hamed Niroumand, Khairul Anuar Kassim, and Ramli Nazir	Advanced Science Letters	0.000
15	Seismic Damage Detection of Tall Airport Traffic Control Towers Using Wavelet Analysis	Mohammadreza Vafaeia & Azlan bin Adnan	Structure and Infrastructure Engineering	0.966
16	Numerical Simulation of Buried Pipe under Wheel Loads	"Hamed Niroumand K. A. Kassim, R. Nazir, K. Faizi, R. Hainin"	Archives Des Sciences	0.296

International Journal (Impact Factor)

No	Article Title	Authors	Journal Title/Conference	Impact Factor
17	Corrosion Behaviour Of Dual-Phase And Galvanized Steels In Concrete	Ismail, M., Muhammad, B., Hamzah, E., Keong, T.	Anti-Corrosion Methods And Materials	0.229
18	A Comparative Study of Phase Angle Predictive Equations Using Bituminous Binder Data	"Nur Izzi Md. Yusoff, Mohd Rosli Hainin & Gordon D. Airey"	"Arabian Journal for Science and Engineering"	0.243
19	A Prototype to Recognise the Drawing Elements in Construction Drawings Using Artificial Intelligence	Chitrakala Muthuveerappan, Abdul Hakim Muhammad, Muhd Zaimi Abd Majid, Anil Minhans	Advanced Science Letters	0.000
20	"Structural Behaviour of Combined Flange-Cleat and Gusset Plate Connection for Cold-Formed Steel Double Channel Sections "	Cher Siang Tan, Mahmood Md Tahir, Poi Ngian Shek, Shahrin Mohammad, and Ahmad Beng- Hong Kueh	Advanced Science Letters	0.000
21	Sustainable Neighbourhood Elements Model (SNEs Model)	"Rozana Zakaria, Vikneswaran Munikanan, Mohd Ismid Mohd Said, Abd Latif Saleh, Choo Kok Wah, and Md Rajuna Ahmad Shakri "	Advanced Science Letters	0.000
22	Microbiologically Influenced Corrosion of X-70 Carbon Steel by <i>Desulfovibrio Vulgaris</i>	Norhazilan Md Noor, Nordin Yahaya, Arman Abdullah, Mahmood Md. Tahir, and Lim Kar Sing	Advanced Science Letters	0.000
23	The Application of Convergent Multi-Image Correlation in Determining Displacements in Beams	Mushairry Mustaffar, Rozana Zakaria, Radzuan Sa'ari, Zaiton Haron, and Md. Rajuna Ahmad Shakri	Advanced Science Letters	0.000
24	Decision Making Framework for Earthquake Resistant Building	"Azlan Adnan, Rozana Zakaria, Choo Kok Wah, Abd. Latif B. Saleh, Khairulzan B. Yahya, Mushairry Mustaffar, and Md. Rajuna Ahmad Shakri "	Advanced Science Letters	0.000
25	Pervious Concrete Texture Analysis for Infiltration Rate Evaluation	"Morteza Firouzi, Supiah Shamsudin, Mohammad Ali Nekooie, Abdul Jamil Bin Abd. Rahis, R. Taherkhani, and Mohamad Ibrahim Mohamad "	Advanced Science Letters	0.000
26	Comparative Evaluation Of Hot-Mix Asphalt Design Methods	Ahmad, J; Rahman, MYA; Hainin, MR; Hossain, M	International Journal Of Pavement Engineering	0.402
27	Elastomeric Effect Of Natural Rubber Latex On Compressive Strength Of Concrete At High Temperatures	Muhammad, B., Ismail, M., Haron, Z., Ali Yussuf, A.	Journal Of Materials In Civil Engineering	0.733

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No	Article Title	Authors	Journal Title/Conference	Impact Factor
28	Performance Monitoring Of A Secant-Piled Wall Using Distributed Fiber Optic Strain Sensing	Mohamad, H., Soga, K., Pellew, A., Bennett, P.J.	Journal Of Geotechnical And Geoenvironmental Engineering	1.017
29	Numerical Modelling and Validation Of Light Gauge Steel Top-Seat Flange-Cleat Connection	Huei, LY, Siang, TC, Tahir, M, Mohammad, S	Journal of Vibroengineering	0.346
30	Prediction Of Noise Pollution From Construction Sites At The Planning Stage Using Simple Prediction Chart	Haron, Z., Yahya, K., Jahya, Z.	Energy Education Science And Technology Part A: Energy Science And Research	31.677
31	Characteristics of treated effluents and their potential applications for producing concrete	Noruzman, Ainul Haezah; Muhammad, B ; Ismail M; Abdul-Majid, Z	JOURNAL OF ENVIRONMENTAL MANAGEMENT	3.245
32	Size Effects On Biaxially Compressed Stability Of Triaxial Weave Fabric Composites	Rasin, N., Kueh, A.B.H., Mahat, M.N.H., Yassin, A.Y.M.	Advanced Materials Research	0.000
33	A Conceptual Model To Assess The Buildability Of Building Structure At Design Stage In Malaysia	Nourbakhsh, M., Mydin, S.H., Zin, R.M., Zolfagharian, S., Irizarry, J., Zahidi, M.	Advanced Materials Research	0.000
34	Decision Making Framework For Earthquake Disaster Prevention And Mitigation	Wah, C.K., Zakaria, R., Adnan, A.	Applied Mechanics And Materials	0.000
35	Construction Information Systems for Executive Management in Monitoring Work Progress	Abd Majid, M.Z., Zakaria, W.Z., Lamit, H., Keyvanfar, A., Shafaghat, A., Bakti, E.S.	Advanced Science Letters	0.000
36	Development of Design Charts for the Prediction of Noise from Construction Activities	Haron, Z., Oldham, D.J., Yahya, K., Majid, M.Z.A., Mustaffar, M., Idris, N.	Advanced Science Letters	0.000
37	Numerical Modeling of Geogrid Reinforced Sand Beds By PLAXIS	Niroumand, H., Kassim, K.A., Nazir, R.	Advanced Science Letters	0.000
38	Flexural performance of laminated composite plates with diagonally perturbed localized delamination	Kam, C.Z., Kueh, A.B.H., Shek, P.N., Tan, C.S., Md Tahir, M	Advanced Science Letters	0.000
39	Mechanical Properties of Concrete Incorporating High Volume Palm Oil Fuel Ash	I.A. Shehu, A.S.M. Abdul Awal	Advanced Materials Research	0.000
40	The Bullwhip Effects in Industrialized Building System Supply Chains	Taherkhani, R., Nekooie, M.A., Saleh, A.L., Mohamad, M.I., Mansur, S.A., Nourbakhsh, M., Zolfaghaarian, S.	Advanced Science Letters	0.000
41	Experimental Investigation on Locally Produced Cold-formed Steel Sections for Roof Truss System	Shek Poi Ngian, Mahmood Md Tahir, Tan Cher Siang, Ahmad Kueh Beng Hong, Shahrin Mohamad	Advanced Science Letters	0.000
42	"Comparison of Field Performance between Bamboo-Geotextile Composite Embankment and High Strength Geotextile Embankment"	Aminaton Marto, Bakhtiar Affandy Othman, Fauziah Kasim, Ismail Bakar	Advanced Materials Research	0.000

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No	Article Title	Authors	Journal Title/Conference	Impact Factor
43	Comparative Analysis of Seismic Behavior of V-Braced Frames and Suspended Zipper-Braced Frame	Mehdi Hajaghaei Khiabani, Mahmood Md Tahir, Norhazilan Md Noor	Advanced Science Letters	0.000
44	Sustainable Neighbourhood Planning and Design in Malaysian Perspective	Rozana Zakaria, M.Vikneswaran, Mohd Ismid Mohd Said, Abd. Latif Saleh, Mushairry Mustaffar	Applied Mechanics and Materials	0.000
45	Solid-State NMR And FTIR Study Of Lime Stabilized Montmorillonitic And Lateritic Clays	Eisazadeh, A., Kassim, K.A., and Nur, H.	Applied Clay Science	2.474
46	Potential Damage Assessment in Buildings Undergoing Tilt	Eshagh Namazi, Hisham Mohamad	Proceedings of the ICE - Geotechnical Engineering	0.443
47	Thermal Analysis and Pozzolanic Index of Rice Husk Ash at Different Grinding Time	Putra Jaya Ramadhansyah, AW Mahyun, MZM Salwa, BH Abu Bakar, MA Megat Johari, MH Wan Ibrahim	Procedia Engineering	0.000
48	Properties of Concrete Containing Rice Husk Ash Under Sodium Chloride Subjected to Wetting and Drying	PJ Ramadhansyah, MZM Salwa, AW Mahyun, BH Abu Bakar, MA Megat Johari, CW Che Norazman	Procedia Engineering	0.000
49	Properties of Porous Asphalt Mixture Made with Styrene Butadiene Styrene under Long Term Oven Ageing	Che Norazman Che Wan, Ramadhansyah Putra Jaya, Meor Othman Hamzah	Advanced Materials Research	0.000
50	Importance of Sustainable Concrete Formwork System	Mohammed Taher Ahmed, Rozana Zakaria, Mohamad Zin Abd. Majid, Ismail Mohd Affendi	Advanced Materials Research	0.000
51	Comparative experimental study of full-scale H-subframe using a new industrialized building system and monolithic reinforced concrete beam-to-column connection	Mostafa Moghadasi, Abdul Kadir Marsono	The Structural Design of Tall and Special Buildings	1.041
52	Monitoring Twin Tunnel Interaction Using Distributed Optical Fiber Strain Measurements	"Hisham Mohamad* Kenichi Soga, Peter Bennett Robert J. Mair, Chi Sharn Lim"	Journal of Geotechnical and Geoenvironmental Engineering	1.017
53	BIODEGRADABLE PLASTICS (BIOPLASTICS) - RAW MATERIAL PRODUCTION FROM CAFETERIA WASTES	Md Din, M.F. Huey, S.C., Salmiati, Ahmad, M. A., Ponraj, M, Shivddasan.S and Ujang, Z.	Journal of Scientific and Industrial Research	0.574
54	Methane emission by sectors: A comprehensive review of emission sources and mitigation methods	Rafiu O.Yusuf a, Zainura Z. Noor a,n, Ahmad H. Abba a, Mohd Ariffin Abu Hassan a, Mohd Fadhil Mohd Din	Renewable and Sustainable Energy Reviews	6.05
55	Development of Bio-PORecR System for polyhydroxyalkanoates (PHA) production and its storage in mixed cultures of palm oil mill effluent (POME)	Mohd. Fadhil. Md. Din, Ujang Zaini, Van Loosdrecht, M.C.M., Yunus, S.Ponraj Mohanadoss, Shreeshivadasan Chelliapan and Vasudeo Zambare	Bioresource Technology	4.9

International Journal (SCOPUS)

No	Article Title	Authors	Journal Title / Conference	Journal Status (Database - Scopus)
1	Assessment on Abrasiveness of Rock Material on the Wear and Tear of Drilling Tool	Mohamad, E.T., Saad, R., Hamzah, N.N.B., Tan, S.N.M.A., Liang, M.	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
2	Groundwater Detection in Alluvium Using 2-D Electrical Resistivity Tomography (ERT)	Rosli Saad, M.N.M. Nawawi, Edy Tonnizam Mohamad	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
3	Soil-Root Interaction and Effects on Slope Stability Analysis	N. Ali, I. Farshchi, M.A. Mu'azu, S.W. Rees	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
4	Subsurface Study Using 2-D Resistivity Imaging Method for Meteorite Impact at Bukit Bunuh, Perak	Rosli Saad, M. Mokhtar Saidin, Nordiana Mohd Muztaza, Nur Azwin Ismail, Noer El Hidayah Ismail, Andy Anderson Bery, Edy Tonnizam Mohamad	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
5	The 2D Electrical Resistivity Tomography (ERT) Study for Civil and Geotechnical Engineering Purposes	Rosli Saad, Nordiana Mohd Muztaza, Edy Tonnizam Mohamad	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
6	Effective Shear Strength Parameters Of Remoulded Residual Soil	Salih, A.G., Kassim, K.A.	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
7	Exploring The Potential Of Using Industrialized Building System For Floating Urbanization By SWOT Analysis	Mohamad, M.I., Nekoioe, M.A., Taherkhani, R., Saleh, A.L., Mansur, S.A.	Journal Of Applied Sciences	Scopus
8	Ground Behaviour Around A Tunnel Using Various Soil Models	Namazi, E., Mohamad, H., Hong, A.K.B., Hajihassani, M., Jusoh, S.N., Abad, S.V.A.N.K.	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
9	Strength Properties Of Selfcompacting Mortar Mixed With GGBFS	Lim, S.K., Ling, T.C., Hussin, M.W.	Proceedings Of Institution Of Civil Engineers: Construction Materials	Scopus
10	Lime Stabilized Malaysian Lateritic Clay Contaminated By Heavy Metals	Saeed, K.A., Eisazadeh, A., Kassim, K.A.	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
11	Selecting Of Cementing Material In Green Lightweight Concrete With Oil Palm Shell (OPS)	Mohamad, M.I., Nekoioe, M.A., Mahdinezhad, M., Hosseini, P., Taherkhani, R., Saleh, A.L.	Research Journal Of Applied Sciences, Engineering And Technology	Scopus
12	Conceptual Intelligent Building (IB) Design Framework to Improve the Level of User Comfort Towards Sustainable Energy Efficient Strategies: Proposal Validation	Majid, Muhd Zaimi Abd , Lamit, Hasannudin Bin, Keyvanfar, Ali and Shafaghat, Arezou	International Journal of Sustainable Development	Scopus
13	A Proposal for Prototype Package of Green Affordable Home: Using Fast Track Wall System	Majid, Muhd Zaimi Abd , Lamit, Hasannudin Bin, Keyvanfar, Ali and Shafaghat, Arezou	International Journal of Sustainable Development	Scopus
14	Sidewalk Design Decision Making Model Based on Walking Behaviour Pattern Recognition: Proposal Validation	Lamit, Hasannudin Bin, Majid, Muhd Zaimi Abd. , Shafaghat, Arezou and Keyvanfar, Ali	International Journal of Sustainable Development	Scopus
15	Executive Information Site Management System for Monitoring Project Performance: System Requirement Study	Majid, Muhd Zaimi Abd. , Zakaria, Wan Zahran and Keyvanfar, Ali	International Journal of Sustainable Development	Scopus
16	Developing An Executive Information Site Monitoring System	Zakaria, W.Z., Majid, M.Z.A., Nourbakhsh, M.	Advanced Materials Research	Scopus
17	An Integrated Model To Design Earthquake Resistant Structures	Nourbakhsh, M., Zolfagharian, S., Zin, R.M., Nekoioe, M.A.,	Advanced Materials Research	Scopus

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18	Evaluation Of External Noise Produced By Transverse Rumble Strips On Rural Roadways	Taherkhani, R., Sajoudi, M.N., Kasraei, M. Othman, M.H., Haron, Z., Mohd Yusof, M.B., Hainin, M.R., Yahya, K., Yaacob, H., Azman, S.	Advanced Materials Research	Scopus
19	Qualitative Assessment Of Chloride And Sulphate Influence On Soil Corrosivity	Md. Noor, N., Othman, S.R., Yahaya, N., Sing, L.K., Abdullah, A.	Advanced Materials Research	Scopus
20	Relative Importance Of Key Performance Indicators Of Construction Projects Towards Buildability At Design Stage	Nourbakhsh, M., Mydin, S.H., Zin, R.M., Zolfagharian, S., Irizarry, J., Zahidi, M.	Advanced Materials Research	Scopus
21	A Model For Seismic Vulnerability Score Assignment Of Road Infrastructure Using Linear Regression Technique	Mohammadreza, Y., Zin, R.M., Mohammadreza, V.	Applied Mechanics And Materials	Scopus
22	Size Distribution Analysis Of Kaolin Using Laser Diffraction Technique	Felix, N.L.L., Kassim, K.A., Karim, A.T.A.	Advanced Materials Research	Scopus
23	Nonlinear Mechanical Analysis of Polymer Precast Panel for Temporary Support of Tunnels	M. Khalajmasoumi, I.S. Ibrahim, J. Mohd Yatim, S.S.R. Koloor	Advanced Materials Research	Scopus
24	Simulation of Longitudinal Surface Settlement Due To Tunnelling Using Artificial Neural Network	Marto, A. , Hajihassani, M. , Kalatehjari, R. , Namazi, E., Sohaei, H	International Review on Modelling and Simulations	Scopus
25	Experimental Investigation on Cold-formed Steel Beams under Pure Bending	Lee Yeong Huei, Tan Cher Siang, Lee Yee Ling	Jurnal Teknologi	Scopus
26				
27	Mobile Application Prototype for On-Site Information Management in Construction Industry	Nourbakhsh, M., Zin, R.M., Irizarry, J., Zolfagharian, S., Gheisari, M.	Engineering, Construction and Architectural Management	Scopus
28	Performance of Helical anchors in sand	Niroumand, H. , Kassim, K.A., Ghafooripour, A., Nazir, R., Chuan, H.S.	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
29	Uplift capacity of enlarged base piles in sand	Niroumand, H., Kassim, K.A., Ghafooripour, A., Nazir, R.	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
30	Investigation of slope failures in soil mechanics	Niroumand, H., Kassim, K.A., Ghafooripour, A., Nazir, R., Far, S.Y.Z.	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
31	The Role of Geosynthetics in Slope Stability	Niroumand, H., Kassim, K.A., Ghafooripour, A., Nazir, R.	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
32	The Effects of Soil Model on Site Response Analyses	Khari, M. , Kassim, K.A. , Adnan, A.	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
33	"Prediction of Flyrock in Boulder Blasting by Using Artificial Neural Network"	Mohamad, E.T., Armaghani, D.J., Noorani, S.A., Saad, R. , Abad, S.V.A.N.K.	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
34	Simulation of Blasting Induced Ground Vibration by Using Artificial Neural Network	Mohamad, E.T., Noorani, S.A., Armaghani, D.J., Saad, R.	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
35	Seismic Vulnerability Functional Method for Rapid Visual Screening of Existing Buildings	Yadollahi, M., Adnan, A., Zin, R.	Archives of Civil Engineering	Scopus

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36	Selection of Dispute Resolution Methods: Factor Analysis Approach	Chong, H.-Y., Zin, R.M.	Engineering, Construction and Architectural Management	Scopus
37	The Development of a Sustainable-Construction Planning System	Irizarry, J. , Zolfagharian, S., Nourbakhsh, M., Zin, R.M., Jusoff, K. , Zakaria, R.	Electronic Journal of Information Technology in Construction	Scopus
38	Interferences of Cement Based-Solidification/Stabilization and Heavy Metals: A Review	Khitam Abdulhussein Saeed, Khairul Anuar Kassim, Amin Eisazadeh	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
39	Electrical Resistivity and Induced Polarization Data Correlation with Conductivity for Iron Ore Exploration	Andy A. Bery, Rosli Saad, Edy Tonnizam Mohamad, Mark Jinmin, I.N. Azwin, Norsalkini Mohd Akip Tan, M.M. Nordiana	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
40	Construction Contract Clarity: Conceptual Process Flow Modeling	Heap-Yih Chong, Chai-Chai Lim, Rosli Mohamad Zin	Applied Mechanics and Materials	Scopus
41	Monitoring Results of Alborz Earth Dam During Construction	Nima Latifi, Aminaton Marto, Mahdy Khari	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
42	"Foundation Size Effect on Modulus of Subgrade Reaction on Sandy Soils"	Aminaton Marto, Nima Latifi, Masoud Janbaz, Mehrdad Kholghifard, Mahdy Khari, Payman Alimohammadi, Ali Dehghan Banadaki	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
43	Seismic Performance Evaluation of Various Passive Damping Systems in High and Medium-Rise Buildings with Hybrid Structural System	Ehsan Noroozinejad Farsangi, Azlan Adnan	Gazi University Journal of Science	Scopus
44	Tree Induce Suction For Slope Sustainability	M. F. Ishak, N. Ali, A. Kassim	Applied Mechanics and Materials	Scopus
45	"Optimization of Cold-Formed Channel Sections using Imperialist Competitive Algorithm"	Roya Kohandel, Behzad Abdi, Poi-Ngian Shek, Mahmood Md Tahir, Ahmad Beng-Hong Kueh	Applied Mechanics and Materials	Scopus
46	Experimental Tests on Composite Beam with Various Slab Systems	Anis Saggaff, Mahmood Md Tahir, Norwati Jamaluddin, Poi Ngian Shek, Cher Siang Tan	Applied Mechanics and Materials	Scopus
47	Experimental Investigation on Wide-Span Cold-Formed Steel Roof Truss System	Shahrin Mohammad, Mahmood Md Tahir, Cher Siang Tan, Poi Ngian Shek	Applied Mechanics and Materials	Scopus
48	Exploring Success Criteria from the Developers' Perspective in Malaysia	S.H. Wai, Aminah Md Yusof, Syuhaida Ismail	International Journal of Engineering Business Management	Scopus
49	Element Free Galerkin Formulation of Composite Beams with Longitudinal and Transverse Partial Interactions	Dzulkarnain Ahmad, Airil Yasreen Mohd Yassin, Ahmad Kueh Beng Hong	Applied Mechanics and Materials	Scopus
50	Estimation of Interface Resistance between Testing Chamber and Soil Model using Shear Box Test	Ahmad Safuan A. Rashid, Norhazilan Md. Noor	European Journal of Scientific Research	Scopus
51	Estimation of Wall Friction of Chamber Box Using Consolidation Characteristic	Ahmad Safuan A. Rashid, Md Noor Norhazilan	Applied Mechanics and Materials	Scopus
52	Cation Exchange Capacity of Phosphoric Acid and Lime Stabilized Montmorillonitic and Kaolinitic Soils	Amin Eisazadeh, Khairul Anuar Kassim, Hadi Nur	Geotechnical and Geological Engineering	Scopus

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53	The Aging Properties of HMB15 with Varying Binder Film Thicknesses	Nur Izzi Md Yusoff, Mohd Rosli Hainin, Gordon D Airey	Sains Malaysiana	Scopus
54	Road Surface Assessment of Pothole Severity by Close Range Digital Photogrammetry Method	Patrick Liq Yee Tiong, Mushairry Mustaffar, Mohd Rosli Hainin	World Applied Sciences Journal	Scopus
55	Initial Settlement of Mat Foundation on Group of Cement Columns in Peat – Numerical Analysis	Ali Dehghan Banadaki, Kamarudin Ahmad, Nazri Ali	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
56	Vibration–Based Damage Detection Of Slab Structure Using Artificial Neural Network	Norhisham Bakhary	Jurnal Teknologi	Scopus
57	Statistical Vibration Based Damage Identification Using Artificial Neural Network	Norhisham Bakhary	Jurnal Teknologi	Scopus
58	The Role of Soil Reinforcement in Uplift Response of Symmetrical Anchor Plates in Sand	Hamed Niroumand, Khairul Anuar Kassim, Ramli Nazir	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
59	Slope Stability and Sheet Pile and Contiguous Bored Pile Walls	Hamed Niroumand, Khairul Anuar Kassim, Ramli Nazir, Koohyar Faizi, Behnam Adhami, Hossein Moayedi,	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
60	The Role of Soil Anchors in Geotechnical Engineering	Hamed Niroumand, Khairul Anuar Kassim, Ramli Nazir	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
61	The Prediction of Failure Mechanism using Slope Hazard Management	Hamed Niroumand, Khairul Anuar Kassim, Ramli Nazir	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
62	Experimental Behavior of Circular Anchor Plates under Uplift Test in Cohesive Soils	Hamed Niroumand, Khairul Anuar Kassim, Ramli Nazir, Koohyar Faizi	Electronic Journal of Geotechnical Engineering, EJGE	Scopus
63	Damage Mechanics Model for Fracture Process of Steel-Concrete Composite Slabs	M. Joshani, S.S.R. Koloor, Redzuan Abdullah	Applied Mechanics and Materials	Scopus
64	Potential Retrofitting of Existing Campus Buildings to Green Buildings	Rozana Binti Zakaria, Kian Seng Foo, Rosli Mohammad Zin, Jay Yang, Samaneh Zolfagharian	Applied Mechanics and Materials	Scopus
65	Sustainability Elements of IBS Formworks System in Malaysia	Mohamad Zin Abd. Majid, Ismail Mohd Affendi, Mohammed Taher Alashwal, Suriani Hassin, Rozana Binti Zakaria	Applied Mechanics and Materials	Scopus
66	Employing Data Warehouse for Contract Administration: e-Dispute Resolution Prototype	Chong, H., Mohamad Zin, R., and Chong, S.	Journal of Construction Engineering and Management	Scopus
67	Exploring the Extent of Critical Gap Acceptance Caused By Rainfall in Malaysia	Mashros Nordiana, Rahman Raha and Ben-Edigbe Johnnie	ARPJ Journal of Engineering and Applied Sciences	Scopus
68	Effective Steel Area of Fully Embedded Cold-Formed Steel Frame in Composite Slab System under Pure Bending	Yee Ling Lee, Cher Siang Tan, Yeong Huei Lee, Shahrin Mohammad, Mahmood Md Tahir, Poi Ngian Shek	Applied Mechanics and Materials	Scopus

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69				
70	Experimental Tests On Composite Beam With Various Slab Systems	Saggaff, A., Md Tahir, M., Jamaluddin, N.B., Shek, P.-N., Tan, C.-S.	Applied Mechanics And Materials	Scopus
71	Optimization of Cold-Formed Channel Sections using Imperialist Competitive Algorithm	Roya Kohandel, Behzad Abdi, Poin Ngian Shek, Mahmood Md Tahir, Ahmad Beng-Hong Kueh	Applied Mechanics and Materials	Scopus
72	Element Free Galerkin Formulation of Composite Beams with Longitudinal and Transverse Partial Interactions	Dzulkarnain Ahmad, Airil Yasreen Mohd Yassin, Ahmad Beng Hong Kueh	Applied Mechanics and Materials	Scopus
73	Experimental Investigation on Wide-span cold-formed Steel Roof Truss System	Shahrin Mohammad, Mahmood Md. Tahir, Cher-Siang Tan, Poin Ngian Shek	Applied Mechanics And Materials	Scopus
74	Potential Retrofitting Of Existing Campus Buildings To Green Buildings	Zakaria, R., Foo, K.S., Zin, R.M., Yang, J., Zolfagharian, S.	Applied Mechanics And Materials	Scopus
75	Estimation Of Wall Friction Of Chamber Box Using Consolidation Characteristic	Ahmad Safuan, A.R., Md. Noor, N.	Applied Mechanics And Materials	Scopus
76	Finite Element Analysis of Curvature Precast Polymer Panel for Temporary Support of Tunnels	M. Khalajmasoumi, S. S. R. Koloor, A. Arefnia, I. S. Ibrahim, & J. Mohd Yatim	Applied Mechanics and Materials	Scopus
77	Explicit Dynamic Simulation of High Density Polyethylene Beam under Flexural Loading Condition	M. Khalajmasoumi, S. S. R. Koloor, A. Arefnia, I. S. Ibrahim, & J. Mohd Yatim	Applied Mechanics and Materials	Scopus
78	Hyperelastic Analysis of High Density Polyethylene under Monotonic Compressive Load	M. Khalajmasoumi, S. S. R. Koloor, A. Arefnia, I. S. Ibrahim, & J. Mohd Yatim	Applied Mechanics and Materials	Scopus
79	Assessment on the permittance of noise impact levels from the expansion of Batu Berendam Airport, Malacca, Malaysia	Md. Din, M.F., Shahperi, R. Chelliapan, S.	International Journal of Environmental Science	Scopus
80	Mapping of full field bond stress distribution on concrete using digital image correlation results	Reza Aghlara, Redzuan Abdullah, Mahmood Md Tahir	Journal of Applied Sciences	Scopus
81	Sustainable Neighbourhood Planning and Design in Malaysia Perspective	Rozana Zakaria, M. Vikneswaran, Mohd. Ismid Mohd Said, Abd. Latif Saleh, Mushairry Mustaffar	Applied Mechanic and Materials –Sustainable Cities Development and Environment	Scopus
82	Textile Wastewater Treatment Using Biogranules Under Intermittent Anaerobic/Aerobic Reaction Phase	Muda, K., Aris, A., Salim, M.R., Ibrahim, Z.	Journal of Water and Environment Technology	Scopus
83	Glacilaria Edulis as Phytoremediation Agent to Improve Shrimp Pond Water Quality	Lavania B, Akira K, Azman S, Mohd Said, MI and Haron, Z	Journal of Sustainability Science and Management	Scopus
84	Important of Sustainable Formwork System, Advanced Material Research – Architecture and Urban DDevelopment	Mohammed Taher Ahmed, Rozana Zakaria, Rosli Mohamad Zin, Mohd Affendi Ismail	Advanced Material Research – Architecture and Urban Development	Scopus
85	The Development of A Sustainable Construction Planning System	Javier Irizarry, Samaneh, Zolfagharian, Mehdi Nourbakhsh, Rosli Mohamad Zin, Kamaruzaman Jusoff, Rozana Zakaria	Journal of Information Technology in Construction, ITCon	Scopus

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1	A Conceptual Review of Social Infrastructure Projects	Wai Soon Han, Aminah Md Yusof, Tey Kim Hai and Syuhaida Ismail	"IBIMA Publishing Communications of the IBIMA "	2012	DOI: 10.5171/2012.222039
2	A Proposal for Prototype Package of Green Affordable Home: Using Fast Track Wall System	Muhd Zaimi Abd Majid, Hasanudin Bin Lamit, Ali Keyvanfar, Arezou Shafaghath	OIDA International Journal of Sustainable Development	3	1923-6654
3	A Survey On The Implementation Of Facilities Maintenance Management System Of Building In Iran	Nima Amani, Nasly Mohamed Ali, Abdul Hakim Mohammed, Roslida Abd Samat	Malaysian Journal of Civil Engineering, MJCE	24	1823- 7843
4	A Systematic Research Gap Finding Framework: Case Study of Construction Management	"R. Taherkhani, A.L. Saleh, Shaiful Amri Mansur, Mohammad Ali Nekoioe Milad Noushiravan ¹ , Majid Hamdani"	"Journal of Basic and Applied Scientific Research"	2	2090-4304
5	Assessing Noise Emission Levels From Earthwork Construction Equipment	Zaiton Haron, Hamidun Mohd Noh, Khairulzan Yahya, Wahid Omar, Zaimi Abd Majid	Malaysian Journal of Civil Engineering, MJCE	24	1823- 7843
6	Cause and Impact of Dispute and Delay the Closing of Final Account in Malaysia Construction Industry	Zarabizan Zakaria, Syuhaida Ismail, Aminah Md Yusof	"IBIMA Publishing Journal of Southeast Asian Research"		
7	Conceptual Intelligent Building (IB) Design Framework to Improve the Level of User Comfort Towards Sustainable Energy Efficient Strategies: Proposal Validation	Muhd Zaimi Abd Majid, Hasannudin Bin Lamit, Ali Keyvanfar, Arezou Shafaghath	OIDA International Journal of Sustainable Development	4	1923-6654
8	Development Traffic Volume Reduction Caused By Automatic Parking Barrier	Ben-Edigbe. Johnnie, Ramli. Aliffa	International Journal of Engineering and Technology	2	2049-3444
9	Effect of Material Property in Foundation during Earthquake on the Embankment	Behrouz Gordan, Azlan Bin Adnan	ISRN (International Scholarly Research Network) Civil Engineering	2012	DOI:10.5402/2012/629369
10	Effect Of Poisson's Ratio Of Core Clay On Dynamic Settlement Of The Earth Dams	Behrouz Gordan, Azlan Bin Adnan	IOSR Journal of Mechanical and Civil Engineering	3	2278-1684
11	Effect of Rain on Probability Distributions Fitted to Vehicle Time Headways	Hashim Mohammed Alhassan, Johnnie Ben-Edigbe	International Journal on Advanced Science, Engineering and Information Technology	2	2088-5334
12	Effect of Rainfall on Traffic Stream Characteristics during Peak and Non-Peak Periods	Hashim Mohammed Alhassan, Johnnie Ben-Edigbe	International Journal on Advanced Science, Engineering and Information Technology	2	2088-5334
13	Elements of Relational Contract in the Delivery of Public Infrastructure in Malaysia	Syuhaida Ismail, Aminah Md Yusof and Wai Soon Han	"IBIMA Publishing IBIMA Business Review "	2012	DOI: 10.5171/2012.991384
14	Embedded Capacitor Sensor for Monitoring Corrosion of Reinforcement in Concrete	Siti Fatimah Abdul Rahman, Mohammad Ismail, Norhazilan Md Noor, Hazri Bakhtiar	Journal of Engineering Science and Technology	7	1823-4690

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15	Environmental Life-Cycle Assessment of a Single-Family House in Malaysia: Assessing Two Alternative IBS Frames	Ali Tighnavard Balasbaneh, Abdul Kadir Bin Marsono	International Journal of Emerging Technology and Advanced Engineering	2	2250-2459
16	Executive Information Site Management System for Monitoring Project Performance: System Requirement Study	Muhd Zaimi Abd. Majid, Wan Zahran Zakaria, Ali Keyvanfar	OIDA International Journal of Sustainable Development	3	1923-6654
17	Extent of Delay and Level of Service at Signalised Roundabout	Ben-Edigbe, Johnnie, Abdelgalil, Ahmed, Abbaszadehfallah, Iman	International Journal of Engineering and Technology	2	2049-3444
18	Extent of Highway Capacity Loss Resulting from Road Humps	J. Ben-Edigbe and N. Mashros	International Journal of Engineering and Technology	4	2049-3444
19	"ExtentofHighwayTravelTimeDifferentials Resulting from Rainfall Intensities"	Nordiana Mashros, Johnnie Ben-Edigbe, Raha Rahman	British Journal of Applied Science & Technology	2	2231-0843
20	Flexural Behavior of Steel-Fiber-Added-RC (SFARC) Beams with C30 and C50 Classes of Concrete	Hamid Pesaran Behbahani, Behzad Nematollahi, Abdul Rahman Mohd. Sam, F. C. Lai	International Journal of Sustainable Construction Engineering and Technology	3	2180-3242
21	Framework for Green Construction Assessment: A Case Study of Government Institution Building Project in Jakarta, Indonesia	Ferry Firmawan, Fadil Othman, and Khairulzan Yahya	Journal of Emerging Trends in Engineering and Applied Sciences	3	2141-7016
22	Identifying Causes of Construction Waste – Case of Central Region of Peninsula Malaysia	Sasitharan Nagapan, Ismail Abdul Rahman, Ade Asmi, Aftab Hameed Memon, Rosli Mohammad Zin	International Journal of Integrated Engineering	4	2229-838X
23	Intelligent Monitoring System on Prediction of Building Damage Index using Artificial Neural Network	Mardiyono Mardiyono, Reni Suryanita, Azlan Adnan	TELKOMNIKA (Telekomunikasi Komputasi Elektronika Kendali)	10	1693-6930
24	Knowledge Management Models in Civil Engineering Construction Firms in Nigeria	Kasimu M. A; Roslan Bin A; Fadhlin Bt. A	Interdisciplinary Journal of Contemporary Research in Business	4	2073-7122
25	Kuala Lumpur Waterfront: A Public Place for All?	Nurul Syala Abdul Latip, Shuhana Shamsuddin	"International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies"	3	2228-9860
26	Mapping Full-field Bond Stress Distribution on Concrete using Digital Image Correlation Results	Reza Aghlara ; Redzuan Abdullah ; Mahmood Md. Tahir	Journal of Applied Sciences	12	1812-5654
27	Mechanical Properties and Durability of Some Selected Timber Species	"M.Bellal Hossain A.S.M. Abdul Awal"	Malaysian Journal of Civil Engineering, MJCE	24	1823- 7843
28	Mobile application prototype for on-site information management in construction industry	Mehdi Nourbakhsh, Rosli Mohamad Zin, Javier Irizarry, Samaneh Zolfagharian, Masoud Gheisari	Engineering, Construction and Architectural Management	19	0969-9988

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29	Morphological and Strength Properties of Tanjung Bin Coal Ash Mixtures for Application in Civil Engineering Work	Awang, A.R., Marto, A. & Makhtar, A.M.	Int. Journal on Advanced Science, Engineering & Information Technology	2	2088-5334
30	Multiple Regressions in Analysing House Price Variations	Aminah Md. Yusof, Syuhaida Ismail	"IBIMA Publishing Communications of the IBIMA"	2012	DOI: 10.5171/2012.383101
31	Multi-strategy budget allocation decision support system for seismic rehabilitation of road infrastructure	Mohammadreza Yadollahia & Rosli Mohamad Zinb	Structure and Infrastructure Engineering: Maintenance, Management, Life-Cycle Design and Performance		1573-2479
32	Near Shore Environment and Its Corrosiveness Towards Steel Pipelines	Yahaya Nordin, M. A. Budiea Ahmed	International Journal on Advanced Science, Engineering and Information Technology	2	2088-5334
33	Neural network approach to output updating for the physically-based model of the Upper Thames River watershed	Ponselvi Jeevaragagam, Slobodan P. Simonovic	International Journal of Hydrology Science and Technology	2	2042-7808
34	Numerical Computation of A Two-dimensional Biomagnetic Channel Flow	Nursalasawati Rusli, Ahmad Kueh Beng Hong, Erwan Hafizi Kasiman, Airil Yasreen Mohd Yassin, Norsarahaida Amin	International Journal of Modern Physics: Conference Series, IJMPCS	9	2010-1945
35	Numerical Simulation of Buried Pipe under Wheel Loads	Hamed Niroumand, K. A. Kassim, R. Nazir, K. Faizi, R. Hainin, B. Adhami, A. Ghafooripour, H. Moayedi,	Archives Des Sciences	65	1661-464X
36	Penilaian Kinerja Lingkungan pada Proyek Konstruksi	Ferry Firmawan, Fadil Othman, Khairulzan Yahya	Majalah Ilmiah Sultan Agung	50	0552-1035
37	Physical properties and storage stability of asphalt binder modified with nanoclay and warm asphalt additives	M. E. Abdullah, K. A. Zamhari, N. Nayan, M. R. Hainin, M. Hermadi	World Journal of Engineering	9	1708-5284
38	Properties of Cement Based Composites Containing Oil Palm Stem As Fiber Reinforcement	Dianah Mazlan, A.S.M. Abdul Awal	Malaysian Journal of Civil Engineering, MJCE	24	1823-7843
39	Reviewing the Notions of Construction Project Success	Wai Soon Han, Aminah Md. Yusof, Syuhaida Ismail, Ng Choon Aun	International Journal of Business and Management	7	1833-3850
40	SEER-IPLAT: The Isolated Platform for Seismic Mitigation	Azlan Adnan, Patrick Liq Yee Tiong	International Journal of Engineering Inventions	1	2278-7461
41	Seismic Behavior of 4-Legged Self-Supporting Telecommunication Towers Considering Earthquake Effects in Malaysia	Zawiyah Abdul Razak, Arham Abdullah, Azlan Adnan, Behzad Bayat, Mohammad Reza Vafaei, Zubair Khalil	Malaysian Journal of Civil Engineering, MJCE	24	1823-7843
42	Selecting of cementing material in green lightweight concrete with Oil Palm Shell (OPS)	Mohamad Ibrahim Mohamad; Mohammad Ali Nekooie; Mahyar Mahdinezhad; Hosseini, P.; Roohollah Taherkhani; Abd. Latif Saleh	Research Journal of Applied Sciences, Engineering and Technology	4	2040-7459

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43	Selection of dispute resolution methods: factor analysis approach	Heap-Yih Chong, Rosli Mohamad Zin	Engineering, Construction and Architectural Management	19	0969-9988
44	Short Review on Liquefaction Susceptibility	Marto, A. and Tan, C.S.	International Journal of Engineering Research and Applications (IJERA)	2	2248-9622
45	Sidewalk Design Decision Making Model Based on Walking Behaviour Pattern Recognition: Proposal Validation	Hasannudin Bin Lamit, Muhd Zaimi Abd. Majid, Arezou Shafaghat, Ali Keyvanfar	OIDA International Journal of Sustainable Development	4	1923-6654
46	Simulation of Longitudinal Surface Settlement Due to Tunnelling Using Artificial Neural Network	A. Marto, M. Hajihassani, R. Kalatehjari, E. Namazi, H. Sohaei	International Review on Modelling and Simulations (I.RE. M.O.S.)	5	1974-9821
47	Slope Stability of the Design Concept of the Sheet Pile and Contiguous Bored Pile Walls	Hamed Niroumand, K. Faizi, R. Nazir, K. A. Kassin, T. Loon, B. Adhami, A. Ghafooripour, H. Moayedi	Archives Des Sciences	65	1661-464X
48	Stereotyping in Graduate Education: An Insight of Women's Participation in Malaysia	Aminah Md Yusof, Rose Alinda Alias1 and Hadina Habil2	"IBIMA Publishing Journal of e-Learning & Higher Education"	2012	DOI: 10.5171/2012.624177
49	Sustainable Development Factors for Land Development in Universiti Teknologi Malaysia's Campus	Rozana Zakaria, Khalid Ahmed Mohamed, Rosli Mohamad Zin, Samaneh Zolfagharian, Mehdi Nourbakhsh, Mohammad Ali Nekooie, R. Taherkhani	OIDA International Journal of Sustainable Development,	3	1923-6654
50	The Development of a Sustainable-Construction Planning System	Javier Irizarry, Samaneh Zolfagharian, Mehdi Nourbakhsh, Rosli Mohamad Zin, Kamaruzaman Jusoff, Rozana Zakaria	Journal of Information Technology in Construction	17	1874-4753
51	The Measurement of Full Scale Structural Beam-Column Connection Deformation Using Digital Close Range Photogrammetry Technique	Mushairry Mustaffar, Radzuan Saari, Suhani Abu Bakar, Mostafa Moghadasi, Abdul Kadir Marsono	Malaysian Journal of Civil Engineering, MJCE	24	1823-7843
52	The Role of Soil Anchors in Construction Projects	Hamed Niroumand, K. A. Kassin, R. Nazir,	Archives Des Sciences	65	1661-464X
53	The Sources and Factors of Tuberculosis Transmission at Hospital for Sustainable Indoor Air	Md Rajuna Bin Ahmad Shakri, Rozana Binti Zakaria, Khairulzan Bin Yahya, Badrul Hisham Bin Abd Samad, Noor Aliza Binti Md Tarek	"International Journal of Environmental Protection"		2226-6437
54	Ultimate Strength of Post-tension Hollow Core Slab (HCS) for IBS Constructions	Armin Ghadiri, Abdul Kadir Marsono	International Journal of Civil Engineering and Building Materials	2	2223-487X
55	Usability of the Next Generation Attenuation Equations for Seismic Hazard Assessment in Malaysia	Azlan Adnan, Patrick Liq Yee Tiong, Yue Eng Chow	"International Journal of Engineering Research and Applications (IJERA)"	2	2248-9622
56	Overview of Subsurface Constructed Wetlands Application in Tropical Climates	Siti Haryani Che Rani, Mohd Fadhil Md Din, Mohd Badrudin Moh Yusof, Shreeshivadasan Chelliapan	Universal Journal of Environmental Research and Technology		

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57	Prediction on Water Quality of Point-Source Pollution for Lunchoo River	Rafidah Shahperi, Mohd Fadhil Md Din, Zulhilmi Ismail, Shreeshivadasan Chelliapan	Environment and Natural Resources Research		1927-0488
58	Greenhouse Gas Emissions: Quantifying Methane Emissions from Livestock	Rafiu O. Yusuf, Zainura Z. Noor, Ahmad H. Abba, Mohd Ariffin Abu Hassan and Mohd Fadhil Mohd Din	American J. of Engineering and Applied Sciences		1941-7020
59	Investigation of thermal effect on exterior wall surface of building material at urban city area	Mohd Fadhil Md Din, Hazlini Dzinun, M. Ponraj, Shreshivadasan Chelliapan, Zainura Zainun Noor, Dilshah Remaz, Kenzo Iwao	International Journal of Energy and Environment	2	
60	Performance of low pressure reverse osmosis membrane treating synthetic natural organic matter (NOM) and endocrine disrupting chemical (EDC)	Mohd Fadhil Md Din, Rafidah Shahperi, Shreeshivadasan Chelliapan	Journal of Institute of Integrative Omics and Applied Biotechnology (IIOABJ)	3	
61	Investigation of heat impact behavior of wall building materials at urban city area	Mohd Fadhil Md Din, Hazlini Dzinun, Ponraj Mohanadoss, Shreeshivadasan Chelliapan, Zainura Zainun Noor, Dilshah Remaz, Kenzo Iwao	Journal of Civil and Environmental Engineering	2	2165-784X
62	Use of Sewage Sludge Ash (SSA) in the production of cement and concrete – A review	Rafiu O. Yusuf, Zainura Zainun Noor, Mohd Fadhil Md Din, Ahmad H. Abba	International J. Global Environmental Issue	12	
63	Centralized or Decentralized – Best Project Option (BPO) for Melana River Basin, Malaysia	Mohd. Fadhil. Md. Din , Ponraj Mohanadoss, Fadzlin Mohd. Sairan, Zaini Ujang , Zulkifli Yusop, Markus Stark, Aznah Nor Anuar and Shreeshivadasan Chelliapan	ARPN Journal of Science and Technology	2	2225-7217
64	Anaerobic Digestion of Paper Mill Wastewater	Shreeshivadasan Chelliapan, Siti Baizura Mahat, Mohd Fadhil Md. Din, A. Yuzir, and N. Othman	Iranica Journal of Energy & Environment 3 (Special Issue on Environmental Technology)		
65	Effectiveness of Chloride Salts on the Behaviour of Lime-Stabilised Organic Clay	N.Z. Mohd Yunus, D. Wanatowski and L.R. Stace	International Journal of Geotechniques, Construction Material & Environment (GEOMATE)	3	
66	Computational Analysis of Reinforced Concrete Slabs Subjected to Impact Loads	Shahrul Niza Mokhtar, Redzuan Abdullah	International Journal of Integrated Engineering	4	
67	Eco-drainage pond in non irrigated land for conservation of land and water based on community participation	Tjahjanto, D., Sriyana, Harun, S., Ismail, Z., Heryansyah, A., and Askari, M	J. Env. Sci. and Eng	1	
68	Potential Employment of Magnetic Fields in Various Environmental Engineering Applications: A Review	Zaidi, N.S., Sohaili, J., Muda, K., Silanpää, M	Purification and Separation Review		
69	Copper in water, sediment and Strombus canarium at South Western Coast of Peninsular Malaysia	Sabri, S., Said, M.I.M., Azman, S., Muda, K., Kassim, M.A., Salmiati	International Journal of Environmental Science and Development	3	

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1	A History of Symmetrical Anchor Plates in Non-Reinforced & Reinforced Sand	"Hamed Niroumand , Ramli Nazir, Khairul Anuar Kassim "	CreateSpace
2	Soil Reinforcement and Symmetrical Anchor Plates: Symmetrical Anchor Plates, Soil Reinforcement	Hamed Niroumand, Ramli Nazir, Khairul Anuar Kassim	LAP LAMBERT Academic Publishing
3	Anchor Plates in Geotechnical Engineering	Hamed Niroumand, Khairul Anuar Kassim	CRC Press
4	Effective Shear Strength Parameters of Remoulded Residual Soil: Geotechnical and Strength Properties Investigations of Tropical Residual Soil by Triaxial Compression Tests	Asmaa Gheyath Salih, Khairul Anuar Kassim	LAP LAMBERT Academic Publishing

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1	Contemporary Issues in Construction	Risk Management Implementation in Developing Countries From Contractor's Perspective	Rosli Bin Mohamad Zin, Mohammad Ali Nekoioe, Mostafa Ghadak Zadeh	"Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri"	Penerbit UTM	UTM Johor Bahru	ISBN 979-953-307-804-4
2	Contemporary Issues in Construction	Challenges faced by Malaysian contractors in international ventures.	Mushairry Bin Mustaffar, Mohamad Ibrahim Bin Mohamad, Nor Amin Bin M. Radzuan, Atefeh Mohammad Pour	"Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri"	Penerbit UTM	UTM Johor Bahru	
3	Contemporary Issues in Construction	Evaluation of Noise Emission Level of Excavators Used in UTM, Malaysia and its effect on noise prediction	Zaiton Binti Haron, Hamidun Bin Mohd Noh, Khairulzan Bin Yahya, Wahid Bin Omar, Low Wen Pei	"Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri"	Penerbit UTM	UTM Johor Bahru	
4	Contemporary Issues in Construction	Elements identification for sustainable roof materials in Malaysia	Rozana Binti Zakaria, Norfatiha Binti Hamzani, Terry Anak Nok, Edy Tonnizam Mohamad	"Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri"	Penerbit UTM	UTM Johor Bahru	
5	Contemporary Issues in Construction	Improving Construction Industry Safety Standard Through Audit: SHASSIC Assessment Tools for Safety	Mohd Saidin Bin Misnan, Sarajul Fikri Bin Mohamad, Zakaria Bin Mohd Yusof, Ahmadon Bin Bakri	"Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri"	Penerbit UTM	UTM Johor Bahru	
6	Contemporary Issues in Construction	The Effective of Construction Quality Assessment System for Building Construction Quality Assurance	Rosli Bin Mohamad Zin, Rozana Binti Zakaria, Redzuan Bin Abdullah, Yin K.C.	"Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri"	Penerbit UTM	UTM Johor Bahru	
7	Contemporary Issues in Construction	Construction Disputes Due to Delay	Aminah Binti Md Yusof, Tan Kian Soon	"Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri"	Penerbit UTM	UTM Johor Bahru	
8	Contemporary Issues in Construction	The trend of Life Cycle Assessment (LCA) Research in Malaysia Construction Industry	"Khairulzan Bin Yahya, Zaiton Binti Haron, Siti Nur Zulaikha Binti Mohd Rasid"	"Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri"	Penerbit UTM	UTM Johor Bahru	

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9	Contemporary Issues in Construction	Information Technology Implementation in Small and Medium-sized Construction Companies	Rosli Bin Mohamad Zin, Mehdi Nourbakhsh, Samanaeh Zolfagharian	“Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri”	Penerbit UTM	UTM Johor Bahru	
10	Contemporary Issues in Construction	Noise Produced by Transverse Rumble Strips on Roadway: A Case Study at Kg Batu 30 Pontian, Johor	Zaiton Binti Haron, Mohd Hanifi Bin Othman, Khairulzan Bin Yahya, Haryati Binti Yaacob, Shamila Binti Azman, Mohd. Rosli Bin Hainin, Hafizul Bin Derahman	“Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri”	Penerbit UTM	UTM Johor Bahru	
11	Contemporary Issues in Construction	Sustainable Elements for Concrete Floor Materials	Abd. Latif Bin Salleh, Zaiton Binti Haron, Rozana Binti Zakaria, Edy Tonnizam Mohamad	“Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri”	Penerbit UTM	UTM Johor Bahru	
12	Contemporary Issues in Construction	Estimating environmental externalities - overview of method and application	Zaiton Binti Haron, Khairulzan Bin Yahya, Aifi Andrice Izhar Iswandi	“Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Md Rajuna Bin Ahmad Shakri”	Penerbit UTM	UTM Johor Bahru	
13	Emerging Issues on Sustainable Urban Development	Ecological Footprint Comparison in Various Countries	Rozana Binti Zakaria, Samaneh Zolfagharian, Mehdi Nourbakhsh	“Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Sarajul Fikri Bin Mohamad”	Penerbit UTM	UTM Johor Bahru	
14	Emerging Issues on Sustainable Urban Development	The Elements of Sustainable Urban Neighborhood Design	Mohd Ismid Bin Mohd Said, Rozana Binti Zakaria, Vikneswaran A/I Munikanan	“Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Sarajul Fikri Bin Mohamad”	Penerbit UTM	UTM Johor Bahru	
15	Emerging Issues on Sustainable Urban Development	Adaptation of Sustainable Neighbourhood Elements (SNEs) in Malaysia Urban Neighbourhood Planning	Rozana Binti Zakaria, Mohd Ismid Bin Mohd Said, Vikneswaran A/I Munikanan	“Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Sarajul Fikri Bin Mohamad”	Penerbit UTM	UTM Johor Bahru	
16	Emerging Issues on Sustainable Urban Development	Influence of Construction Material on Reducing Energy Consumption and Lifecycle Cost Based on BIM Technology	Muhd. Zaimi Bin Abd. Majid, Abdul Kadir Bin Marsono, Hamed Golzarpoor, Behzad hamidi	“Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Sarajul Fikri Bin Mohamad”	Penerbit UTM	UTM Johor Bahru	
17	Emerging Issues on Sustainable Urban Development	Private Finance Initiative in Malaysia	Aminah Binti Md Yusof, Syuhaida Binti Ismail	“Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Sarajul Fikri Bin Mohamad”	Penerbit UTM	UTM Johor Bahru	
18	Emerging Issues on Sustainable Urban Development	Housing Preferences and Choices: An Overview	Aminah Binti Md Yusof, Nor Aini Binti Rajab	“Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Sarajul Fikri Bin Mohamad”	Penerbit UTM	UTM Johor Bahru	
19	Emerging Issues on Sustainable Urban Development	Influence of Material Insulation on Carbon Neutrality Potential Based on Autodesk Green Building Studio Analysis	Muhd. Zaimi Bin Abd. Majid, Abdul Kadir Bin Marsono, Hamed Golzarpoor, Ali Keyvanfar	“Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Sarajul Fikri Bin Mohamad”	Penerbit UTM	UTM Johor Bahru	

Book Chapter

No	Title Of Book Chapter	Title Of Chapter	Authors	Book Editor	Publisher	Place Of Publication	ISBN
20	Emerging Issues on Sustainable Urban Development	Simulation vs Measurement: Distribution of Sound Level From Construction Noise	Zaiton Binti Haron, Nur'ain Binti Idris, Khairulzan Bin Yahya, Mushairry Bin Mustaffar, Hamidun Bin Mohd Noh	"Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Sarajul Fikri Bin Mohamad"	Penerbit UTM	UTM Johor Bahru	
21	Emerging Issues on Sustainable Urban Development	Application of Constructability Concepts	Rosli Bin Mohamad Zin, Samaneh Zolfagharian, Mehdi Nourbakhsh	"Rozana Binti Zakaria Zaiton Binti Haron Khairulzan Bin Yahya Sarajul Fikri Bin Mohamad"	Penerbit UTM	UTM Johor Bahru	
22	Sequential Anaerobic-Aerobic Phase Strategy of Microbial Granular Sludge For Textile Wastewater Treatment	InTech ? Review Outcome- Biomass	Khalida Muda, Azmi Aris, Mohd Razman Salim and Zaharah Ibrahim				

Conference Paper and Other Publication

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
1	A Life Cycle-assessment of Clay Brick Production: Comparing The Sawdust with Petroleum Coke Energy	yahya, K., Haron, Z., Mohd Rasid, S.N.Z., Zakaria, R	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
2	A Review of Sustainability Principles as a Comprehensive Approach to Assist Green Site Planning to Design Toll House in Green Road	M.Z. Abd Majid, R. Zakaria, K. Yahya, Z. Haron, S. Balubaid	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
3	A Review on the Finite Element Modelling of Integral Abutment Bridges	Akilu Muhammad, Redzuan Abdullah, Yusof Ahmad, Yusuf Abdinasir	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
4	A Study on Physical Properties of Clay Brick Containing Palm Oil Fuel Ash	"A.S.M. Abdul Awal Siti Nur Fatihah Moideen"	11th International Conference on Concrete Engineering and Technology 2012 (CONCET2012)	Putrajaya, Malaysia
5	A Survey on Strengthening Steel Bridges usng CFRP Strips	Mehran Gholami, Abdul Rahman Mohd Sam, Jamaludin Mohamad Yatim	Awam International Conference on Civil Engineering (AICCE 12) & Geohazard Information Zonation (GIZ 12)	Park Royal Penang Resort
6	A Sustainable Tourism Area - In A Way to Preserve the Environment: An Overview	Mustaffar, M., Zakaria, R., Yahya, K., Haron, Z., Tajul Molok, N	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
7	An Optimized Investment Methodology for Sustainable Rehabilitation of Road Infrastructure in Lowland areas	Yadollahi, M., Adnan, A., Mohamad Zin, R.	8th International Symposium on Lowland technology (ISLT 2012)	

Conference Paper and Other Publication

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
8	Analytical Network Process Approach in Risk assessment of Public-private Partnership Projects	A.R. Valipour, N. Yahaya, N.M. Noor Mahmood Md Tahir, Nordin	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
9	Application of Component Method on Prtial strength Connections Connected between Column Flanges	Yahaya, Shahrin Mohammad, Ahmad Baharuddin Abd. Rahman, I. Juki	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
10	Application of Semi-Delphi Method in Material Selection for Concrete Pontoons	Mohammad Ali Nekoovie, Payam Hosseini, Mohamad Ibrahim Mohamad	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
11	Assessment of Bridge Management System in Iran	Mehran Gholami, Abdul Rahman Mohd Sam, Jamaludin Mohamad Yatim	2nd International Conference on Rehabilitation and Maintenance in Civil Engineering	
12	Assessment of building damage induced by excavation using plate analogy	Namazi, E., Mohamad, H.	Geotechnical Aspects of Underground Construction in Soft Ground - Proceedings of the 7th International Symposium on Geotechnical Aspects of Underground Construction in Soft Ground	
13	Assessment of Indoor Environmental Quality of fast Track Wall System House	R. Mohammad Zin, R. Zakaria, K. Yahya, Zaiton Haron	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
14	Assessment of the Noise Exposure of Laboratory's Technical Staffs	Mardhiah Zainal Abidin, Zaiton Haron, A.Aziz Saim'	International Conference on Civil and Environmental Engineering for Sustainability IConCEES 2012	Thistle Hotel
15	Automated Prediction of Noise from Construction Sites	Zaiton Haron, Nur'ain Idris, Zanariah Jahya, Khairulzan Yahya, Mushairry Mustaffar	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
16	Behavior of Reinforced Concrete Wide Beams under Different Shear Reinforcement	Seyed Esmaeil Mohammadyan Yasouj, Ramli Abdullah	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
17	Behaviour of Externally-confined High Strength Concrete Column Under Unaxial Compression Load	A.Z. Awang, W. Omar, H.P. Lee, C.K. Ma	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
18	Blood Flow and Transport of Oxygen in Simplified Arteries with Anomalies Subjected To Strong Non-Uniform Magnetic Field	Nursalasawati Rusli, Sasa Kenjeres, Ahmad Beng Hong Kueh	2nd Regional Conference on Applied and Engineering Mathematics 2012	Eastern & Oriental Hotel, Penang, Malaysia
19	Build Operate and Transfer (BOT) in Power Plant Projects in Iran	Bahman Salami, Aminah Md Yusof	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia

Conference Paper and Other Publication

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
20	Chloride Resistance of Blended Ash Geopolymer Concrete (Chloride Resistance & Microstructural Analysis)	M.A.M. Ariffin, M.A.R. Bhutta, M.W. Hussin	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
21	Comparative Study of Conventional and Industrialized Building System (IBS) Construction Methods in Government Projects	RM Zin, Rozana Zakaria, K Yahya, Z Haron, Nurul Asma' Nas	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
22	Comparing Information Technology Adoption between Developing and Developed Countries	Mehdi Nourbakhsh, Rosli Mohamad Zin, Javier Irizarry, Samaneh Zolfagharian, Masoud Gheisari	Construction Research Congress 2012	
23	"Comparing information technology adoption between developing and developed countries"	Nourbakhsh, M., Zin, R.M., Irizarry, J., Zolfagharian, S., Gheisari, M.	"Construction Research Congress 2012: Construction Challenges in a Flat World, Proceedings of the 2012 Construction Research Congress"	
24	Construction Disputes and Negligence's on Living Environment	M Z Abd Majid, R Zakaria, K Yahya, Z Haron, M Rakhshanifar, I Nikookar	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
25	Construction industry experience of industrialised building system in Malaysia	Fathi, Mohamad Syazli and Abedi, Mohammad and Mirasa, Abdul Karim	Ninth International Congress on Civil Engineering ((ICCE), Isfahan University of Technology (IUT)	
26	Corrosion Characterisation of Reinforced Concrete Structures Exposed to Marine Environment	Mohammad Ismail, A.R. Md Sam, Hassan Ibrahim, Ogiri Thayalan	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
27	Critical Success Factors for Sustainable Building in Malaysia	Soon Han Wai, Aminah Md Yusof, Syuhaida Ismail, Kim Hai Tey	Proceedings of 2012 3rd Interntional Conference on Construction and Project Management (ICCPM 2012)	Dubai
28	Determination of Failure Surface Pattern due to Strip Footing	Ahmad Safuan A Rashid, Kamaruddin Ahmad	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
29	Determination of Steel Cold-form Deformation Behaviour using Multiple Stereo Image Technique	Radzuan Sa'ari, Suhaimi Abu Bakar, A Aziz Saim, Mushairry Mustaffar, Prabowo Setiawan, Mohd Hanim Osman	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
30	Developing a Structural Model of Assessing Students' Knowledge-Attitudes towards Sustainability	Azmahani Abdul Aziza, Sharipah Norbaini Syed Sheikhb, Khairiyah Mohd Yusofc, Amirmudin Udind, Jamaludin Mohamad Yatim	Procedia - Social and Behavioral Sciences	International Conference on Teaching and Learning in Higher Education in conjunction with Regional Conference on Engineering Education and Research in Higher Education

Conference Paper and Other Publication

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
31	Developing Qualitative Index of Pipeline Soil Corrosivity for Tropical Region	Fatimah Aqilah Mohamad Nazim, Norhazilan Md Noor, Nordin Yahaya	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
32	Development Of Porous Concrete From Waste Crushed Concrete (Recycled Aggregate)	M.A.R. Bhutta, A. R. Mohd. Sam, Nor Hasanah, Nur Farhyu	11th International Conference on Concrete Engineering and Technology 2012 (CONCET2012)	Putrajaya, Malaysia
33	Development of Students' Knowledge-Behavioural Changes in Relation to Sustainability through a Case Study	Azmahani Abdul Aziz, Khairiyah Mohd Yusof, Amirmudin Udin, Jamaludin Mohamad Yatim	6th International Forum on Engineering Education 2012 (IFEE 2012)	Kuala Lumpur
34	Discriminate Modelling of Peak and Off-Peak Motorway Capacity	Hashim Mohammed Alhassan, Sundara Parameswaran, Ben-Edigbe Johnnie	International Conference on Civil and Environmental Engineering for Sustainability IConCEES 2012	Thistle Hotel
35	Dispute Resolution in Malaysia: The Potential of Graph Model (GMCR)	Md Yusof. A., Wan Husain. W.F	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
36	Dominant Frequency Tailing Embankment Interface to Bridge by 3D Finite Element Method	Behrouz Gordan, Azlan Adnan, Rajeev Kumar Prasannan Pillai	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
37	Drivers and Challenges on Industrialised Building System (IBS) in Sustainable Construction	Siti Mazzuana Shamsuddin, Rozana Zakaria, Sarajol Fikri Mohamed, Mushairry Mustaffar	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
38	Durability of Geopolymer Mortar using Blended Ash from Agro-Industrial Waste	M. Aamer Rafique Bhutta, Mohd Warid Hussin, Nur Farhayu Ariffin, Nor Hasanah Abdul Shukor Lim	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
39	Effect of Applied Load on the Stability of Unreinforced and reinforced slopes	Loke Kok Foong, Nurly Gofar	International Conference on Civil and Environmental Engineering for Sustainability IConCEES 2012	Thistle Hotel
40	Effective Microorganisms for Concrete (EMC) Admixture - Its Effects to the Mechanical Properties of Concrete	Tn Cheng Siong Andrew, Ibrahim Izni Syahrizal, Mohd yatim Jamaluddin	Awam International Conference on Civil Engineering (AICCE 12) & Geohazard Information Zonation (GIZ 12)	Park Royal Penang Resort
41	Electrical Conductivity Measurement in Evaluating Pozzolanic activity of Palm Oil Fuel Ash	Mohd Azrul Abdul Rajak, Zaiton Abdul Majid, Mohammad Ismail	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
42	Environmental Impacts Assessment on Construction Sites	Samaneh Zolfagharian, Mehdi Nourbakhsh, Javier Irizarry, Aziruddin Ressang, Masoud Gheisari	Construction Research Congress 2012	

Conference Paper and Other Publication

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
43	Environmental Performance Assessment in Construction Projects: A Review	Ferry Firmawan, Fadil Othman, Khairulzan Yahya	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
44	Evaluation on the Effectiveness of Learning Outcomes from Students' Perspectives	Azmahani A. Aziz, Khairiyah M. Yusof, Jamaludin M. Yatim	Procedia - Social and Behavioral Sciences	International Conference on Teaching and Learning in Higher Education in conjunction with Regional Conference on Engineering Education and Research in Higher Education
45	Feasibility Study on Potential of Photovoltaic Implementation in Malaysia to Reducing Carbon Emission	A L Saleh, R Zakaria, K Yahya, Z Haron, MH Kashefzadeh, F Ghavami Rad, Hamed Rahnama	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
46	Finite Element Models for Blind-bolted End-plate Connection on Structural Hollow Section	Roya Kohandel Gargari, Mahmood Md Tahir, Shek Poi Ngian	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
47	Flexural Behavior of Composite Slab Panel with Cold-formed Steel Section	Lee Yee Ling, Tan Cher Siang, Lee Yeong Huei, Shahrin Mohammad, Shek Poi Ngian	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
48	Fresh and Hardened State Properties of Concrete Incorporating High Volume Palm Oil Fuel Ash	"I.A. Shehu, A.S.M. Abdul Awal"	International Conference on Civil and Environmental Engineering for Sustainability IConCEES 2012	Thistle Hotel
49	Fund Allocation Decision Making Challenges for Maintenance and Repair Projects	Yadollahi, M., Zin, M.R., Gholami, M.	Management in Construction Research Association (MiCRA) Postgraduate Conference	
50	Identification of Energy Efficiency Criteria for Malaysia Green Highway	R. Zakaria, M.Z. Abd Majid, R. Mohamad Zin, M.R. Hainin, O. Che Puan, H. Yaacob, A. Adnan, H. Md Nor, M. Ahmad, K.S. Foo, F. Ainee, N. Hamzah, S.O. Balubaid, A.N. Mazlan, A. Ismail, Y.S. Yazid	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
51	Impact of Highway Illumination on Traffic Flow Characteristics	Jahandar N, Kurnia A.Y, Ben-Edigbe J, Paydar A, Pakshir A	International Conference on Civil and Environmental Engineering for Sustainability IConCEES 2012	Thistle Hotel
52	Implementing 3R Concept in Construction Waste Management at Construction Site	K Yahya, R Zakaria, Z Haron, N.A Rahman	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia

Conference Paper and Other Publication

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
53	Influence of Roughness, cohesion and Friction on the Interface Shear Strength of Composite Concrete-to-Concrete Bond	Mazizah Ezdiani, Izni Syahrizal Ibrahim, A. Aziz Saim, Ahmad Baharuddin Abdul Rahman	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
54	Initial Study of Low Frequency Untrasound for Mitigation of Sulphate-reducing Bacteria (SRB)	Norhazilan Md Noor, Nordin Yahaya, Rosilawati Mohd Rasol	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
55	Installation of Midblock U-turn Facilities on Multilane Divided Highways: An Evaluation of Driver's Merging Gap	Othman Che Puan, Nurrul Hazwani Sayed Abdullah, Che Ros Ismail	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
56	Integrated Risk-based Inspection Planning for Corroded Oil and Gas Pipeline	Libriati Zardasti, Norhazilan Md Noor, Nordin Yahaya	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
57	Integration between Sustainable Design and Constructability	R. Mohamad Zin, R. Zakaria, K. Yahya, Z. Haron, S.M. Koshnava, A. Ahankoob	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
58	Investigation of Eco-labeling Implementation in Malaysia	M. Mustaffar, R. Zakaria, K. Yahya, Z. Haron, S.M. Hosseini, S. Pezshkzadeh, Yoong WS	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
59	Investigation of Quarry Blast-Induced Vibration to Structures	S.F. Saleh, N. Bakhary, E.T. Mohammad, B.H. Ahmad	ASEC 2012	
60	Kenaf Potentials as Malaysia's Third Biggest Crop: Market development & Opportunities	Jamaludin Mohamad Yatim, Reza Mahjoub, Maesam Rezavi, Azmahani Abdul Aziz	EU-Asia Biomass Best Practices and Business Partnering Conference 2012	PWTC, Kuala Lumpur
61	Liquefaction Potential of Soils at Iskandar Malaysia Region	Aminaton Marto, Tan Choy Soon, Fauziah Kasim	Awam International Conference on Civil Engineering (AICCE 12) & Geohazard Information Zonation (GIZ 12)	Park Royal Penang Resort
62	Make Concrete as a Sustainable Material for the Environment	S.R. Sumadi, R Zakaria, K Yahya, Z Haron, A Ahankoob, S M Khoshnava	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
63	Managing UTM 9th Malaysia Plan Development Projects: Issues and Challenges	Wahid Omar, Aminah Md Yusof, Asliza Abu Bakar, Abdol Fatah Abu Bakar	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
64	Mechanical Properties of Glass Fibre-reinforced Concrete with Palm Oil Fuel Ash	A.S.M. Abdul Awal, Lee Yee Khai	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia

Conference Paper and Other Publication

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
65	Methods to Study Enhancement of Problem Solving Skills in Engineering Students Through Cooperative Problem-Based Learning	Syed Ahmad Helmi Syed Hassan, Khariyah Mohd Yusof, Shahrin Mohammad, Mohd Salleh Abud, Zaidatun Tasir	Procedia - Social and Behavioral Sciences	International Conference on Teaching and Learning in Higher Education in conjunction with Regional Conference on Engineering Education and Research in Higher Education
66	Modelling of Shear Bond with Cohesive Element and Slenderness Study of Composite Slabs	Yusuf Abdinasir, Redzuan Abdullah, Mushairry Mustaffar	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
67	Multi-criteria Analysis for Effectiveness and Difficulty of Traffic Management in Disasters	Anil Minhans, Chitrakala Muthuvarapan Pillai	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
68	Multiple Regression Model for Predicting Metal Loss using In-situ Parameter	Siti Nor Fariza Mior Mohd Tahir, Norhazilan Md Noor, Nordin Yahaya	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
69	New Perspectives on Evolutionary Supply Chain Management in Construction	Tey Kim Hai, wai Soon han, Mohd Yusof Aminah, Ismail Syuhaida	Proceedings of 2012 3rd International Conference on Construction and Project Management (ICCPM 2012)	Dubai
70	Numerical Modelling of Top-seat Flange-cleat Connection in Light Steel Framing	Lee Yeong Huei, Tan Cher Siang, Lee Yee Ling, Mahmood Md Tahir, Shek Poi Ngian	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
71	One Stop Centre(OSC) And Delay In Development Approval	Aminah Md Yusof	6th International Real Estate Research Symposium (IRERS) 2012	INSPEN 2nd Campus, Selangor
72	Parametric Cost-benefit Analysis of Using Photovoltaic Technology in Commercial Buildings in Malaysia	R. Zakaria, K. Yahya, Z. Haron, S. Abolfazl Pezeshkzadeh, S.M. Hosseini	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
73	Performance of Steel Slag as Potential of Aggregate Replacement Towards Green Highway	M.R. Hainin, R. Mohamad Zin, M.Z. Abd Majid, H Md. Nor, A. Adnan, H. Yaacob, R. Zakaria, M. Bujang, W.N. Aifa	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
74	Permeability of the Roller Compacted Concrete: A Case Study of Zirdan Dam of Iran	Taha Mehmannaavaz, Salihuddin Radin Sumadi, Muhammad Aamer Rafique Bhutta, Vahid Khalili Khorram, Seyed Mahdi Sajjadi	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia

Conference Paper and Other Publication

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
75	Physical and Mechanical Properties of Multi-Blended Cement Mortars Using Agro-Industrial Wastes	M. A. R. Bhutta, R. S.Salihuddin, M. W. Hussin	11th International Conference on Concrete Engineering and Technology 2012 (CONCET2012)	Putrajaya, Malaysia
76	Physical And Mechanical Properties Of Multi-Blended Cement Mortars Using Agro-Industrial Wastes	M. A. R. Bhutta, R. S.Salihuddin, M. W. Hussin	11th International Conference on Concrete Engineering and Technology 2012 (CONCET2012)	Surabaya, Indonesia
77	Potential Adoption of Rubberised Asphalt Concrete (RAC) in Malaysia towards Green Road Construction	H. Yaacob, M.Z. Abd Majid, M.R. Hainin, R. Mohammad Zin, R. Zakaria, K. Yahya, Z. Haron, H. Kamarul Bahrin	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
78	Potential Improvement of UTM Existing Buildings to Response to Sustainable Campus Initiatives	A L Saleh, R Zakaria, K Yahya, Z Haron, H Ismail, K S Foo	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
79	Pullout Response of Irregular Shape Anchor in Dense Cohesionless Soil	Hamed Niroumand, Khairul Anuar Kassim, Ramli Nazir	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
80	Recent Research and Development Trends of Concrete-Polymer Composites in Japan	Yoshihiko Ohama, Muhammad Aamer Rafique Bhutta	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
81	Recycling of Pavement towards Sustainable Green Highway	M.R. Hainin, R. Mohamad Zin, M.Z. Abd Majid, H. Md Nor, A. Adnan, H. Yaacob, R. Zakaria, M. Bujang, W.N. Aifa, N. Derin, Y.S. Yazid	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
82	Reinforcing Techniques Using Fiber-Reinforced Polymer : A Review	N.I. Mokhtar, Y. Ahmad	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
83	Resistance of Blended Ash Geopolymer Concrete Exposed to 2% Sulfuric Acid for 1 year (Acid Resistance of Geopolymer Concrete)	M.A.M. Ariffin, M.A.R. Bhutta, M.W. Hussin	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
84	Seismic Zone mapping in Johor Bahru for earthquake Hazard Mitigation	Choo Kok Wah, Rozana Zakaria, Azlan Adnan	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
85	Selection Factors of Formwork System	Mustaffar M., R. Zakaria, R. Mohammad Zin, Sulong N., Ismail M.A., M. Taher Alashwal, S. Hassin	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia

Conference Paper and Other Publication

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
86	Settlement Behavior of Embankment Reinforced with High Strength Geotextile at the Interface	F. Kassim, a. Marto, B.A. Othman, I. Bakar	ICAFBE 2012	Thistle Hotel
87	Shear Capacity of Precast Beam Half-joints Made of Steel Fibre Self-compacting Concrete	Rosli Noor Mohamed	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
88	Smart Building System for Construction Sector	Abdul Kadir Marsono	Business Times	
89	Soil Suction Profile Due To Acacia Mangium Tree	M.F. Ishak, A. H. Yahaya, N. Ali, A. Kassim	International Conference on Civil and Environmental Engineering for Sustainability IConCEES 2012	
90	Standard Quality Achievement Level for Mont Kiara 11	Bachan Singh Besawa Jagar Singh, Abdul Rahim Abdul Hamid, Mohd Sukry Mohamad	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	
91	Statistical Multi-Stage Artificial Neural Network for Damage Detection with Consideration of Unmeasured Mode Shape Data	L. D. Goh, N. Bakhary, A. A. Rahman, B. H. Ahmad	ASEC 2012	
92	Steel Slag as an Aggregate Replacement in Malaysian Hot Mix Asphalt	"Mohd Rosli Hainin,1 Nur IzzMd. Yusoff,2 Mohd Fahmi Mohammad Sabri,1 Mohd Azizi Abdul Aziz,1 Mohd Anwar Sahul Hameed,1 andWasid Farooq Reshi"	International Scholarly Research Network	
93	Strategies for implementation of BMS in Iran	Mehran Gholami, Abdul Rahman Mohd Sam, Jamaludin Mohamad Yatim	2nd International Conference on Rehabilitation and Maintenance in Civil Engineering	Solo, Indonesia
94	Streamflow Forecasting for gauged and Ungauged Sites of a River Basin using Neural Network	Ponselvi Jeevaragam, Slobodan P. Simonovic	5th Engineering Conference, "Engineering Towards Change - Empowering Green Solutions," EnCon 2012	Kuching, Sarawak, Malaysia
95	Strength and Initial Stiffness of Extended End-plate Connection based on the Component Model	Shek Poi Ngian, Mahmood Md Tahir, Arizu Sulaiman	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
96	Strength and Rigidity of Strengthened Cold-formed Steel Moment Connection	Prabowo Setiyawan, Mohd Hanim Osman, A Aziz Saim	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia

Conference Paper and Other Publication

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
97	Structural Performance Analysis of Fiber reinforced Polymer-concrete Bonding System under Tropical Climates	M.H. Mohd Hashim, M.F. Mohd Arshad, A.R. Mohd Sam, M.W. Hussin	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
98	Structural Performance of Grouted Sleeve Connectors With and Without Transverse Reinforcement For Precast Concrete Structure	Aizat Alias, Mohammad Amirulkhairi Zubir, Khairul Anuar Shahid, Ahmad Baharuddin Abd Rahman	Malaysian Technical Universities Conference on Engineering and Technology (MUCET) 2012	Hotel Seri Malaysia, Kangar Perlis
99	Structural Performance of POFA-PFA Geopolymer Concrete Beam	M.A.M. Ariffin, M.W. Hussin, M.A.R. Bhutta, R. Andalib	11th International Conference on Concrete Engineering and Technology 2012 (CONCET2012)	Putrajaya, Malaysia
100	Structural Performance of POFA-PFA Geopolymer Concrete Beam	M. A M. Ariffin, M. W. Hussin, M. Ar.Bhutta, R. An Dalib	11th International Conference on Concrete Engineering and Technology 2012 (CONCET2012)	
101	Suction Distributions of Heterogeneous Residual Soils with Relict Discontinuities	A. Kassim, N. Gofar, n.A. Mokhtar, M.L. Lee	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
102	Sustainable Construction Practice: Beyond the Horizon	Muhd Zaimi Abd Majid	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
103	Sustainable historic waterfront development: approaches and dilemma of two UNESCO world heritage sites in Malaysia	S. Shamsuddin, A. B. Sulaiman, N. S. A. Latip, R. C. Amat & N. A. Alias	The Sustainable City VII	
104	Sustainable Management in International Construction Environment and Cultural Issues	M.Z. Abd Majid, R. Zakaria, K. Yahya, Z. Haron	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
105	Temperature and Strain Sensing Techniques using Brillouin Optical Time Domain Reflectometry	Hisham Mohamad	Smart Sensor Phenomena, Technology, Networks, and Systems Integration 2012	San Diego, California, USA
106	The Effect of Tree Induce Suction on Soil Stabilization	M.F. Ishak, A.H. Yahaya, N. Ali, A Kassim	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia

Conference Paper and Other Publication

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
107	The Effect of Underside Shaped Concrete Block on Pavement Rutting	Azman Mohamed, Hasanan Md Nor, Mohd Rosli Hainin	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
108	The Effectiveness of Metal Straps Strengthening in Layers at High Strength Concrete Column	A.Z. Awang, W. Omar, H.P. Lee	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
109	The Impact of Rrainfall on Gap Acceptance at Roadway Segments	Nordiana Mashros, Raha Rahman, Johnnie Ben-Edigbe	International Conference on Civil and Environmental Engineering for Sustainability IConCEES 2012	Thistle Hotel
110	The Implementation of an Open-Ended Experiment in the Civil Engineering Laboratory	Zaiton Haron, Shahrin Mohammad, Abdul Rahman Mohd Sam, Mushairry Mustaffar, Jamaludin Mohamad Yatim	6th International Forum on Engineering Education 2012 (IFEE 2012)	Kuala Lumpur
111	The Risk Perspective of Green Hifway Investment	R. Zakaria, M.Z. Abd Majid, R. Mohamad Zin, M.R. Hainin, H. Yaacob, A. Adnan, H. Md Nor, A.N. Mazlan, A. Ismail, Y.S. Yazid, K.S. Foo, N. Derin	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
112	The Sustainability of Construction and Demolition Waste Management	Yahya, K., Zakaria, R., Haron, Z., Othman, F., Othman, N., Firmawan, F	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st International Conference on Civil Engineering Research (ICCER 2012)	Surabaya, Indonesia
113	Unbundling Urban Poor And Its Link To Housing	Aminah Md Yusof	6th International Real Estate Research Symposium (IRERS) 2012	INSPEN 2nd Campus, Selangor
114	Uplift Response of Square Anchor Plates in Reinforced Sand	Hamed Niroumand, Khairul Anuar Kassim, Ramli Nazir	8th Asia Pacific Structural Engineering & Construction (APSEC) & 1st	Surabaya, Indonesia
115	Assessment On The Mechanical Performance Of Steel Fibre Reinforced Concrete Using Fibres Geometrical Factor	N. N. Sarbini, I. S. Ibrahim and A. A. Saim	International Conference on Civil Engineering Research (ICCER 2012) RILEM	Guimarães, Portugal
116	Conjunctive-Use of Surface and Groundwater Resources for Gugusan Felda Sahabat in Lahat Datu Sabah, Malaysia	Askari, M., Yusop, Z., Katimon, A., Aris, A., Mohd Yusoff, A.R., Said, M.N., Mohd Nasir, K.A., Hanapi, M.N., Harun, S., Kambari, K.	The 2nd International Conference on Water Resources (ICWR2012)	Langkawi, Malaysia
117	Potential of Hollow Microfiltration Membrane for Removal of Solids in Sanitary Landfill Leachate	Ameen, E.S.M., Mohd. Yusoff, AR., Salim, M.R., Hassan, S.I., Aris, A., Nor Anuar, A.	The 4th KKKU Intemational Engineering Conference20 I2 (KKU-IENC 20 12) "Driving together towards ASEAN Economic Community	Faculty of Engineering, Khon Kaen University, Thailand
118	Runoff Overflow and Pollution Risk Factors of Extended Detention Dry Pond	Shamsudin, S., Dan'azumi, S., Aris, A., Ab Rahman, A.	IWA World Congress on Water, Climate and Energy	Dublin, Ireland
119	Tree Induce Suction For Slope Sustainability.	Ishak, M. F., Ali, N., and Kassim, A	International Conference on Engineering, Architecture and Building Materials	Yantai, China
120	The effect of Tree Induced Suction on Slope Stabilization Analysis.	Ishak, M. F., Ali, N., and Kassim, A.	3rd International Conference on Soil Bio and Eco-engineering the use of Vegetation to Improve Slope Stability	Vancouver

No	Title	Authors	Source (Conference/Symposium/Seminars etc)	Venue
121	Potential of PALSAR Data in Retrieving Spatial Variability of Soil Moisture in Tropical Catchment	Mohd Khan, N. L., Ibrahim, A. L., Askari, M.	The 33rd Asian Conference on Remote Sensing	Ambassador City Jomtien Hotel, Pattaya, Thailand
122	Preliminary Study of Vertical Sampling in Determining Stratification in Sembrong Reservoir, Peninsular Malaysia	Baharim, N. B., Yusop, Z., Askari, M., Yusoff, I. Wan Muhd Tahir, W. Z., Othman, Z., and Zainal Abidin, M. R.	The 2nd International Conference on Water Resources (ICWR 2012)	Langkawi, Kedah
123	Effectiveness of Different Surface Cover Types in Reducing Runoff and Soil Erosion in Oil Palm Catchment	Sahat, S., Yusop, Z., and Askari, M.	The 2nd International Conference on Water Resources (ICWR 2012)	Langkawi, Kedah

Research Grant

No	VOT	Authors	Year Approved	Start Date	End Date	Title	Project Leader	Sponsor MOSTI	Type of Fund	Approved Amount (RM)	Category of Sponsor
1	4S015	Development Of Low-Cost Seismo-Accelerometer For Ground Motion And Structural Damage Detection	2012	1-Jan-12	31-Dec-13	Prof. Dr.	Azlan Adnan	Lembaga Lebuhraya Malaysia (LLM)	Sciencefund	290,100.00	Kerajaan
2	4B055	Malaysia Green Highway Rating System	2012	23-Feb-12	25-Nov-13	Assoc. Prof. Dr.	Rosli Mohamad Zin	Lembaga Lebuhraya Malaysia (LLM)	Contract	60,000.00	Kerajaan
3	4B056	The Development Of An Assessment Framework For Green Highways In Malaysia	2012	24-Feb-12	25-Nov-13	Dr.	Rozana Zakaria	MOHE	Contract	72,000.00	Kerajaan
4	4F118	Fundamental Works On Effect Of Pile-Soil Interaction Using Low Strain Pile Integrity Test	2012	1-Apr-12	31-Mar-14	Assoc. Prof. Ir. Dr.	Ramli Nazir	UTM	FRGS	90,080.00	Kerajaan
5	4P045	3d Analysis On Failure Behaviour Of Deep Mixing Method	2012	1-Apr-12	31-Mar-13	Dr.	Ahmad Safuan A Rashid	MOSTI	PAS	20,000.00	Kerajaan
6	4S019	Intelligent - Based Automated Risk And Integrity Assessment Tool For Corroding Structure Using Hybrid Probabilistic-Deterministic Theory (Sica)	2012	1-Apr-12	31-Mar-14	Dr.	Norhazilan Md. Noor	MOSTI	Sciencefund	140,000.00	Kerajaan

Research Grant

No	VOT	Authors	Year Approved	Start Date	End Date	Title	Project Leader	Sponsor	Type of Fund	Approved Amount (RM)	Category of Sponsor
7	4S021	Seismic Risk Assessment And Forecasting Of Klang Valley And Kundasang Regions Due To Previous And Possible Local Earthquakes	2012	1-Apr-12	31-Mar-14		Mohd. Nur Asmawisham Alel	MOSTI	Sciencefund	388,750.00	Kerajaan
8	05J73	Settlement Behaviour Of Soft Soil Reinforced By Soil Cement Columns Formed By The Deep Mixing Method	2012	1-May-12	30-Apr-13	Dr.	Ahmad Safuan A Rashid	UTM	GUP	35,000.00	Kerajaan
9	05J76	Structural Performance On Cold-Formed Steel Joint For House-In-A-Box System	2012	1-May-12	30-Apr-13	Dr.	Tan Cher Siang	UTM	GUP	35,000.00	Kerajaan
10	05J77	Micro-Structural And Strength Properties Of Lateritic Soil Stabilized With Waste Tyre Crumbs	2012	1-May-12	30-Apr-13	Dr.	Amin Eisazadeh Otaghzadeh	UTM	GUP	35,000.00	Kerajaan
11	05J79	Behavior Of Sand-Tire Chips Mixture Under Static And Cyclic Loading	2012	1-May-12	30-Apr-13		Fauziah Kassim	UTM	GUP	35,000.00	Kerajaan
12	05J80	Decision Support Tool For Assessing Environmental Impacts Of Demolition Project	2012	1-May-12	30-Apr-13	Assoc. Prof. Dr.	Arham Abdullah	UTM	GUP	35,000.00	Kerajaan
13	05J85	Preliminary Assessment Of Seasonal Effects On Water Uptake Near Trees	2012	1-May-12	30-Apr-13	Dr.	Nazri Ali	UTM	GUP	35,000.00	Kerajaan
14	05J87	Innovative Method Of Connection Of Building Structure Subjected To Lateral Load	2012	1-May-12	30-Apr-13	Assoc. Prof. Dr.	Suhaimi Abu Bakar	UTM	GUP	35,000.00	Kerajaan
15	05J93	Influence Of Transport Layer On Water Flow Pattern In Heterogeneous Soil	2012	1-May-12	30-Apr-13	Assoc. Prof. Ir. Dr.	Azman Kassim	UTM	GUP	35,000.00	Kerajaan

Research Grant

No	VOT	Authors	Year Approved	Start Date	End Date	Title	Project Leader	Sponsor	Type of Fund	Approved Amount (RM)	Category of Sponsor
16	06J52	Evaluation On The Performance Of Bond Strength Between Surfacing Pavement Layers	2012	1-May-12	30-Apr-13	Dr.	Haryati Yaacob	UTM	GUP	35,000.00	Kerajaan
17	4L026	New Approach In Soil Improvement Using Expanding Piers Technique	2012	15-Jun-12	14-Jun-14	Prof. Dr.	Khairul Anuar Kassim	MOHE	ERGS	50,000.00	Kerajaan
18	4L061	Exploration Of Fiber Optic Distributed Strain Sensing Application For Landslides And Geo-System Performance Detection	2012	15-Jun-12	14-Jun-14	Dr.	Hisham Mohamad	MOHE	ERGS	50,000.00	Kerajaan
19	4L065	Patterns Of Soil Moisture Profile Due To Tree Induced Suction And Relict Structure On Slope	2012	15-Jun-12	14-Jun-14	Dr.	Nazri Ali	MOHE	ERGS	50,000.00	Kerajaan
20	4L066	The Mechanical Properties And Structural Performance Of Hybrid Fibre Reinforced Composite Concrete	2012	15-Jun-12	14-Jun-14	Dr.	Izni Syahrizal Ibrahim	MOHE	ERGS	50,000.00	Kerajaan
21	4B065	Web Application On Life Cycle Costing (Lcca) Analysis For Green Buildings	2012	29-Jun-12	31-Dec-13	Dr.	Rozana Zakaria	Teras Tegang Sdn Bhd	Others	36,000.00	Swasta
22	4S043	New Seismic Hazard Map For Malaysian National Annex In Eurocode 8 And Construction Cost Implication For Buildings And Bridges	2012	1-Sep-12	30-Sep-12	Prof. Dr.	Azlan Adnan	MOSTI	Sciencefund	248,600.00	Kerajaan
23	4S042	Development Of Bio-Material For Strengthening Reinforced Concrete Structure	2012	1-Oct-12	31-Mar-15	Prof. Dr.	Muhd Zaimi Abd Majid	MOSTI	Sciencefund	270,000.00	Kerajaan
24	4S051	Development of a Preliminary Design Chart for Practical Use for the Deep Mixing Method	2012	1-Oct-12	30-Sep-14	Dr.	Ahmad Safuan A Rashid	MOSTI	Sciencefund	146,000.00	Kerajaan

Research Grant

No	VOT	Authors	Year Approved	Start Date	End Date	Title	Project Leader	Sponsor	Type of Fund	Approved Amount (RM)	Category of Sponsor
25	4S053	Biomediated Soil Improvement	2012	1-Nov-12	30-Apr-15	Prof. Dr.	Khairul Anuar Kassim	MOSTI	Sciencefund	195,900.00	Kerajaan
26	78582	Initial assessment of Vegetative Induced Moisture Migration and Effects on Land Deformations.		1 May 2010	Apr-12	Dr.	Nazri Ali		FRGS	48,000.00	
27	00J26	Three-Dimensional Limit Equilibrium Slope Stability Analysis In Homogeneous Saturated Clay Soil Based On Optimization Techniques.		April 2011	Oct-12	Dr.	Nazri Ali	KPerak Inc Corporation	GUP	40,000.00	
28		Adhesion and Friction on the Interface Shear Strength of Concrete-to-Concrete Bond		Dec-12	Dec-13	Dr.	Izni Syahrizal Ibrahim	KPerak Inc Corporation	RUG	40,000.00	
29			2012	1/1/2012	30/6/2013	Dr.	Airil Yasreen Bin Mohd Yassin		Others	299,000.00	Kerajaan
30			2012	1/1/2012	31/12/2013	Dr.	Airil Yasreen Bin Mohd Yassin		Others	234,000.00	Kerajaan
31	4B049	"Market Survey and Validation" for Cool Island Technology in Malaysia	2012	9/1/2012	Dec-12	Ir Dr.	Mohd. Fadhil Md Din		GUP	12,500.00	
32	4B060	Development of Albedo Design of Urban City Surface for Urban Heat Island Control	2012	Sep-12	31-Aug-13	Ir Dr.	Mohd. Fadhil Md Din		GUP	18,433.00	
33		NATURAL BIOREMEDIATION APPLICATION (NBRA) USING INDUSTRIAL AND AGRICULTURAL WASTE TO PROMOTE A LOW COST WATER POLLUTION TREATMENT	2012	21-May-12	21-Apr-13	Ir Dr.	Mohd. Fadhil Md Din		GUP	30,000.00	
34	4L029	Exploration of Cool-Pavement Materials by Using Wasted Ceramic Tiles Towards Combating Urban Heat Island Phenomenon	2012	Sep-12	Aug-14	Ir Dr.	Mohd. Fadhil Md Din		ERGS	80,000.00	
35	4L029	Application of Combined Zeolite from Fly Ash and Crushed Sea Shell in River Pollution Controls	2012	Jul-12	Jun-14	Dr.	Mohd Badruddin Mohd Yusof		ERGS	100,000.00	

Research Grant

No	VOT	Authors	Year Approved	Start Date	End Date	Title	Project Leader	Sponsor	Type of Fund	Approved Amount (RM)	Category of Sponsor
36	4F014	Thermal Behaviour from Urban Heat Island (UHI) Phenomena for Energy Saving and Heat Flux Mechanisms in Vertical Surfaces		Mar-10	Feb-12	Ir Dr.	Mohd. Fadhil Md Din		FRGS	71,000.00	
37		Shrimp Pond Effluent Bioremediation Using Macroalgae Tank Culture And Bio-Sand Filtration (BSF) To Promote Zero Discharge Effluent System		Apr-11	Mar-13	Ir Dr.	Mohd. Fadhil Md Din		GUP	149,000.00	
38	4B039	Constructed Cool Pavement Technology. Contract Research		Oct-11	Sep-12	Ir Dr.	Mohd. Fadhil Md Din		GUP	37,600.00	
39	4B043	Mosquito Trap and Control Diseases. Contract Research		Oct-11	Sep-12	Ir Dr.	Mohd. Fadhil Md Din		GUP	26,000.00	
40		Mechanism of Water Movement under Different Growing Stages of Oil Palm Trees	2012	Dec-12	Dec-13				Universiti Teknologi Malaysia's Research University Fund	49,245.00	
41		Ecohydrology Study of the Penchala River: An assessment of biophysical processes	2012	Jan-12	Feb-13				GUP	36,600.00	



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