

Publication in 2011

No.	Title	Conf. Name / Source Name	All Authors	Details of Conf./Source
1	A Model Seismic Vulnerability Score Assignment of Road Infrastructure Using Linear Regression Technique	2011 International Conference on Civil Engineering and Building Materials (CEBM 2011)	Rosli Mohamad Zin	Jan. 2011
2	A Comparison of Artificial Neural Network Learning Algorithms for Vibration-Based Damage Detection	International Conference on Structure and Building Materials (ICSBM 2010)	Azlan Abdul Rahman , Goh Lyn Dee	7 – 9 Jan. 2011
3	Detection of Concrete Spalling Using Changes in Modal Flexibility	International Conference on Structure and Building Materials (ICSBM 2010)	Norhisham Bakhary	Ghuangzhou, China, 7-9 Jan. 2011
4	Determining Highway Capacity Loss induced by Rainfall	Proceeding of the International Conference on Advanced Science, Engineering and Information Technology	Alhassan, H / Ben-Edigbe, J	Putrajaya, Malaysia, 14-15 Jan. 2011
5	Gauging The Reliability Of Structural Design For Buildings And Infrastructures From Malaysian Engineers' Viewpoint	12 East Asia-Pacific Conference on Structural Engineering & Construction (EASEC12)	J.C.L. Chang, Y.E.TU, Tan Cher Siang	Hong Kong Convention & Exhibition Centre, Hong Kong, China 26-28 Jan.2011
6	Effect of Palm Oil Fuel Ash in Controlling Heat of Hydration of Concrete	12 East Asia-Pacific Conference on Structural Engineering & Construction, EASEC-12	A.S.M.A. Awal, M.W. Hussin	26-28 Jan. 2011, Hong Kong, China
7	Behavior of Concrete with Polymer Additive at Fresh and Hardened States	12 East Asia-Pacific Conference on Structural Engineering & Construction, EASEC-12	Mohammad Ismail, Bala Muhammad, Jamaluddin Mohd Yatim , Ainul Haezah Noruzman, Yong Woo Soon	26-28 Jan. 2011, Hong Kong, China
8	Bearing Capacity of Granular Soil Overlying Soft Clay Reinforced with Bamboo-Geotextile Composit	Pertemuan Ilmiah Tahunan, PIT XIV HATTI	Anwar Khatib, Aminaton Marto	10-11 Feb. 2011, Yogyakarta, Indonesia
9	Effect of Smear On The Acceleration of Consolidation Process by Preloading and Vertical Drains	Pertemuan Ilmiah Tahunan, PIT XIV HATTI	Nurly Gofar , Harnedi Maizir, Yang Eik Hein	10-11 Feb. 2011, Yogyakarta, Indonesia
10	Private Finance Initiative (PFI) Guidelines in Malaysia.	The 5th South East Asian Technical Universities Consortium (SEATUC 2011)	Syuhaida Ismail dan Aminah Md. Yusof	23 - 24 Feb. 2011, Hanoi, Vietnam
11	Climate Prediction for MUDA Agriculture Area in Malaysia	16th MANCID Annual Conference (MANSO)	Nurul Nadrah Azilah Tukimat, Sobri Harun	Vistana Hotel, Penang, 26 - 27 Feb. 2011

12	Model of Sedrainpond for Conservation of Land and Water Based on Community Participation	16th MANCID Annual Conference	Dwi Tjahjanto and Sriyana	Vistana Hotel, Pulau Pinang, Malaysia, 26 - 27 Feb., 2011
13	Soil/Rocks Anchors in Tunnel	International Conference & Exhibition on Tunnelling and Trenchless Technology	Hamed Niroumand, Khairul Anuar Kassim, Ramli Nazir	1 - 2 March 2011, Selangor Malaysia
14	The Influence Of Subsurface Structures To Tunnel Construction	International Conference & Exhibition on Tunnelling and Trenchless Technology	Eshagh Namazi & Hisham Mohamad	March 2011, Selangor Malaysia
15	Extent Of Highway Capacity Loss Resulting From Road Humps	2011 IACSIT DUBAI CONFERENCES	Johnnie Ben-Edigbe, Nordiana Binti Mashros	Al Murooj Rotana Hotel Dubai, UAE 18 - 20 March 2011
16	Effects of Pile Geometry on Tunnels	Proceedings of International Conference on Tunnelling & Trenchless Technology	M.Hajihassani, E.Namazi, A.Marto & H.Mohamad	March 2011, Kuala Lumpur, The Institution of Engineers, Malaysia (IEM) Malaysia
17	Analysis of Tunnel Face Stability in Non-homogeneous soils; Variation of Strength with Depth	Proceedings of International Conference on Tunnelling & Trenchless Technology	Hisham Mohamad	March 2011, Kuala Lumpur, The Institution of Engineers, Malaysia (IEM) Malaysia
18	The Potential Use of Bamboo as Green Material for Soft Clay Reinforcement System	2011 International Conference of Environment Science & Engineering IPCBEE	Aminaton Marto & Bakhtiar Affandy Othman	Bali Island, Indonesia Hotel Santika Premiere - Beach Resort Bali April 1-3, 2011
19	Compaction Characteristics and Permeability of Tanjung Bin Coal Ash Mixtures	2011 International Conference of Environment Science & Engineering IPCBEE	Aminaton Marto, Abd. Rahim bin Hj. Awang, Ahmad Mahir Makhtar	Bali Island, Indonesia Hotel Santika Premiere - Beach Resort Bali April 1-3, 2011
20	Strength and Chloride Resistance of Concrete Containing Palm Oil Fuel Ash	Structural Engineering World Congress (SEWC 2011)	Saleh Bamaga, M.W.Hussin, Mohamed A. Ismail	Milan Italy, 4-6 April 2011
21	Influence of Existing Loaded Piles on Tunnels	1st International Congress on Tunnels and Underground Structures in South-East Europe "USING UNDERGROUND SPACE"	Eshagh Namazi, Mohsen Hajihassani, Aminaton Marto, Hisham Mohamad	Dubrovnik, Croatia, 7-9 April 2011
22	Study on the Mechanical Properties of Polymetric Composites Materials in Structures	The Proceeding of the First Iranian Students Scientific Conference in Malaysia	Mohammad Khalajmasoumi, Izni Syahrizal bin Ibrahim and Jamaluddin bin Mohammad Yatim	Kuala Lumpur, Malaysia, 9-10 Apr 2011

23	Shoulder Rumble Strips : A Review of Application and Effectiveness	International Transport Research Conference 2011	Zaiton Harun , Mohd Hanifi Othman	Universiti Sains Malaysia, Penang, 12 - 14 April 2011
24	Centerline Rumble Strips : A Review of Application and Effectiveness	International Transport Research Conference 2011	Zaiton Harun , Mohd Hanifi Othman	Universiti Sains Malaysia, Penang, 12 - 14 April 2011
25	Numerical Computation of a Two-Dimensional Biomagnetic Channel Flow	International Conference on Mathematical and Computational Biology ICMCB 2011	Nursalaswati Rusli, Ahmad Kueh Beng Hong , Erwan Hafizi Kasiman, Airil Yasreen Mohd Yassin , Norsarahaida Amin	12- 14 April 2011 at Renaissance Melaka Hotel, Malacca, Malaysia.
26	New Seismic Hazard Map of Peninsulat Malaysia Using Next Generation Attenuations	SSA 2011 Annual Meeting	Azlan Adnan	Memphis, Tennessee, 13 - 15 April 2011
27	Comparative Assessment of Trip Distribution Methods In Skudai, Malaysia	(5th MUTRFC) International Transport Research Conference, 2011	Ben-Edigbe, J / Pakshir A	(5thMUTRFC) International Transport Research Conference, Universiti Sains MALAYSIA, Penang, 14 - 17 April 2011
28	Numerical Simulations of Circular Anchor Plates under Pull-out in Sand	ICMSAO2011	Niroumand, H., Kassim, Kh.A., Nazir, R.	Kuala Lumpur, Malaysia, 19-21 Apr 2011
29	Numerical Analysis of Buried Pipe Under Wheel Load by Three Dimensional at Finite Difference Method (FDM)	ICMSAO2011	Niroumand, H., Kassim, Kh.A., Nazir, R.	Kuala Lumpur, Malaysia, 19-21 Apr 2011
30	Pull-out Behavior of Horizontal Strip Anchor Plates under Finite Element Method in Dense Sand	2011 IAJC-ASEE	Niroumand, H., Kassim, Kh.A., Nazir, R.	University of Hartford, USA, 29-30 Apr 2011
31	Assessment of Building Damage Induced by Excavation Using Plate Analogy	7th International Symposium on Geotechnical Aspects of Underground Construction in Soft Ground	Hisham Mohamad	Rom, Itali, 16 - 18 May 2011
32	Pullout Behavior of Horizontal Strip Anchor Plate by Finite Element Method in Cohesive Soil	Proceeding of the 3rd International Conference on Geotechnical Engineering For Disaster Mitigation and Rehabilitation 2011, GEDMAR	Niroumand, H., Kassim, Kh.A., Nazir, R.	Semarang, Indonesia, 18-20 May 2011
33	The Effect of Blast Design in a Controlled Blasting	Proceedings of the 3rd International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation 2011 , GEDMAR	Edy Tonnizam Mohamad , Jamal bi Rahmat, Nurly Gofar, Ramli Nazir & Mohamed Fauzi Md Isa	Semarang, Central Java, Indonesia, 18 - 20 May 2011

34	Surface and Groundwater Contamination due to Mining of Tin and Iron — A Case Study in Johor, Malaysia	The 3rd International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation GEDMAR 2011	Bahman Panahi, N.A. Rahman, Edy Tonnizam Mohamad, Nurly Gofar	Semarang, Central Java, Indonesia, 18 - 20 May 2011
35	Effect of Relict Joint on The Mass Permeability of Residual Soil.	The 3rd International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation GEDMAR 2011	Nurly Gofar, Azman Kassim & Lee, Min Lee	Semarang, Central Java, Indonesia, 18 - 20 May 2011
36	Uplift Response of Horizontal Strip Anchor Plate by Finite Element Method in Clay under Undrained Conditions	Geotechnical Engineering for Disaster Mitigation and Rehabilitation and Highway Engineering	Hamed Niroumand, Khairul Anuar Kassim, Ramli Nazir	18 - 20 May 2011, Semarang, Indonesia
37	Uplift Response of Circular Anchor Plates in Cohesion less Soils	The 14th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering	H. Niroumand, Kh.A. Kassim, R. Nazir	23 - 27 May 2011, Hong Kong, China
38	Pullout Response of Circular Anchor Plates in Sand	The 14th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering	Niroumand, H., Kassim, Kh.A., Nazir, R.	Hong Kong, China, 23-27 May 2011
39	Effect of Chemical on Permeability of Silty Soil	14th Asian Regional Conference	PR Kumar, Khairul A Kassim	Hong Kong, May 2011
40	Challenges Ahead for Johor Granite Quarry Industries	Proceedings National Geoscience Conference 2011	Wong Chong Kian, Edy Tonnizam Mohamad & Rosli Saad	The Puteri Pacific Johor Bahru, 11-12 June 2011
41	Rock Slope Stability Assessment by Using Kinematic Analysis and Slope Mass Rating at Bandar Seri Alam, Johor	Proceedings National Geoscience Conference 2011	S.V. Alvani Nezhad Khalil Abad, Edy Tonnizam Mohamad, M.Hajihassani, R. Kalatehjary & E. Namazi	The Puteri Pacific Johor Bahru, 11-12 June 2011
42	Strength Reduction of Various Weathering Grades of Granite Due to Moisture Content	Proceedings National Geoscience Conference 2011	Edy Tonnizam Mohamad, Mohamed Fauzi Md Isa, Mohd For Mohd Amin, Nurly Gofar & Rosli Saad	The Puteri Pacific Johor Bahru, 11-12 June 2011
43	Evaluation in the Preliminary Assessment of Rock Properties in Defferent Sites	Proceedings National Geoscience Conference 2011	Mohammad Ehsan Jorat & Mohd For Mohd Amin	The Puteri Pacific Johor Bahru, 11-12 June 2011
44	Effects of Geological Conditions on Surface Settlement Due to Tunnelling in Soft Soils	Proceedings National Geoscience Conference 2011	M.Hajihassani, A.Marto, S.V. Alavi Nezhad Khalil Abad, Edy Tonnizam Mohamad & R. Kalatehjari	The Puteri Pacific Johor Bahru, 11-12 June 2011
45	Effect of Joints on Mass Properties of limestone - with Regard to Design of Cast in Situ Micropiles	Proceedings National Geoscience Conference 2011	Mohd For Mohd Amin, Hossein Jahanmirinezhad, Chan Soek Hue & Edayu Saleh @ Aman	The Puteri Pacific Johor Bahru, 11-12 June 2011

46	Correlation between 2-D Resistivity and Seismic Refraction Method in Shallow Subsurface investigation	Proceedings National Geoscience Conference 2011	Rosli Saad, Nordiana Mohd Muztazab, Mohd Nawawi Mohd Nordinc, K.A.N Adiatd, Noer El. Hidayah Ismaile, Nur Azwin Ismail, Andy Anderson Beryg & Edy Tonnizam Mohamad	The Puteri Pacific Johor Bahru, 11-12 June 2011
47	The Effect of Moisture Content on the Behaviour of Oder Alluvium	Proceedings National Geoscience Conference 2011	Edy Tonnizam Mohamad , Badee Abdulqawi Alshameri, Mohamed Fauzi Md Isa, Khairul Anuar Kassim, Nurly Gofar & Rosli Saad	The Puteri Pacific Johor Bahru, 11-12 June 2011
48	Evaluation on Projected and Actual Granitic Rock Profile in Pengerang Quarry, Johor	Proceedings National Geoscience Conference 2011	Edy Tonnizam Mohamad , Mohamad Hazrul Hassan, Rosli Saad & Mohamed Fauzi Md Isa	The Puteri Pacific Johor Bahru, 11-12 June 2011
49	Limit Equilibrium Stability Equations of Soil Slopes in Complicated Geological Zones : Considerations and Issues	Proceedings National Geoscience Conference 2011	R.Kalatehjari, N. Ali, M. Hajihassani, S.V. Alavi Nezhad Khalil Abad & Edy Tonnizam Mohamad	The Puteri Pacific Johor Bahru, 11-12 June 2011
50	Characterisation of Strength and Durability of Bedded Sedimentary Rock at Gelang Patah, Johor	Proceedings National Geoscience Conference 2011	Edy Tonnizam bin Mohamad , Ain Naadia binti Mazlan, Nazirah Hanis binti Mohd Nasir & Rosli Saad	The Puteri Pacific Johor Bahru, 11-12 June 2011
51	Assessment of Potential Alkali Silica Reaction in Aggregates from Teluk Ramunia, Johor, Malaysia	Proceedings National Geoscience Conference 2011	Mohammad Ismail, Edy Tonnizam Mohamad & Voon Su Hun	The Puteri Pacific Johor Bahru, 11-12 June 2011
52	Determining of the soil strain characteristics through the constant plastic index method	Proceedings National Geoscience Conference 2011	Abdull Halim Abdul & Edy Tonnizam Mohamad	The Puteri Pacific Johor Bahru, 11-12 June 2011
53	Evaluation of Effective Parameters on Boulders drilling and blasting	Proceedings National Geoscience Conference 2011	E. Namazi, Edy Tonnizam Mohamad , S.V. Alavi Nezhad Khalil Abad, M. Hajihassani & R. Kalatehjari	The Puteri Pacific Johor Bahru, 11-12 June 2011
54	Evaluation of Subsidence along the Kuala Lumpur-Karak Highway using 2D Electrical Imaging	Proceedings National Geoscience Conference 2011	Rosli Saad, Mohd Nawawi Mohd Nordin, & Edy Tonnizam Mohamad	The Puteri Pacific Johor Bahru, 11-12 June 2011
55	Groundwater Finding in Hard Rock and Alluvium Using 2-D Resistivity Imaging	Proceedings National Geoscience Conference 2011	Noer El Hidayah Ismai, Rosli Saad, Nordiana Mohd Nuzaza, Nur Azwin Ismail, M.N.M. Nawawi & Edy Tonnizam	The Puteri Pacific Johor Bahru, 11-12 June 2011
56	Evaluation of Subsurface Karst Features : A Case Study of Geophysical Investigation in Piling Problems at Gopeng, Perak	Proceedings National Geoscience Conference 2011	Nur Azwin Ismail, Rosli Saad, M.N. M Nawawi, Nordiana Muztaza, Noer El Hidayah Ismail & Edy Tonnizam Mohamad	The Puteri Pacific Johor Bahru, 11-12 June 2011

57	Slope Stability Analysis Using Geotechnical Properties and Geophysical Characteristics of Soil	Proceedings National Geoscience Conference 2011	Andy Anderson Bery, Rosli Saad, Nordiana Mohd Muztaza, Nur Azwin Ismail, Noer El. Hidayah Ismai & Edy Tonnizam Mohamad	The Puteri Pacific Johor Bahru, 11-12 June 2011
58	Environmental Impact of Mining Activities in Terengganu, Malaysia	Proceedings National Geoscience Conference 2011	Bahman Panahi, Edy Tonnizam bin Mohamad & Norhan Abd Rahman	The Puteri Pacific Johor Bahru, 11-12 June 2011
59	Factors Influencing the Excavation of Hard Material During Trenching Works at Kuching, Sarawak	Proceedings National Geoscience Conference 2011	Edy Tonnizam Mohamad , Darleen Athila Leng & Rosli Saad	The Puteri Pacific Johor Bahru, 11-12 June 2011
60	Limit equilibrium stability equations of soil slopes in complicated geological zones: Considerations and issues.	National Geoscience Conference 2011,	Roohollah, K. and Ali, N.	Johor Bahru, 11-12 June 2011.
61	The Climate Trend in Kedah	International Symposium on Society and Resources Management (ISSRM 2011)	Sobri Harun , Nurul Nadrah Aqilah Tukimat	Le Meridian Hotel, Kota Kinabalu
62	Influence of Composite Traffic Control Mechanisms on Four-arm Highway Intersection	Canadian Society of Civil Engineer Annual General Meeting & Conference Arm Highway Intersection	Ben-Edigbe, J / Abdelgalil, A / Falleh, I	Canadian Society of Civil Engineer Annual Conference 14 - 17 June 2011 Ottawa, Ontario CANADA
63	External Strengthening of Reinforced Concrete Beams Using Kenaf Fiber Biocomposite Plates	National Postgraduate Seminar 2011	Jamaludin Mohamad Yatim , Nur Hafizah Abd Khalid	UiTM Shah Alam, 14 - 15 June 2011
64	Analysis of Heat Impacted Behavior at Vertical Façade Building Based on Heat Flux Mechanism	International Conference on Environment and Industrial Innovation	Hazlini Dzinun, Mohd Fadhil Md. Din	Mines Wellness Hotel, 17-19 June 2011
65	Investigation of Microalgae for High Lipid Content Using Palm Oil Mill Effluent (POME) as Carbon Source	International Conference on Environment and Industrial Innovation 2011 (ICEII 2011)	Mohd Fadhil Md Din , Erisa Viony Putri	Mines Wellness Hotel, Kuala Lumpur, 17 - 19 June 2011
66	Experimental Investigation of End-Plate Connection with Cruciform Column Section	International Conference on Civil Engineering, Architecture and Building Materials (CEABM 2011)	Shek Poi Ngian	Haikou, China, 18 - 20 June 2011
67	Maximum Local Thermal Effects Carpet Plot for Symmetric Laminated Composite Plates	The 2011 International Conference of Civil Engineering, Architecture and Building Materials (CEABM 2011)	Ahmad Kueh Beng Hong	Haikou, China, 18 - 20 June 2011
68	Experimental Investigation on Slip-in Connection for Cold-Formed Steel Double Channeled Sections	International Conference on Civil Engineering, Architecture and Building Materials (CEABM 2011)	Tan Cher Siang	Haikou, China, 18 - 20 June 2011

69	Finding the critical slip surface of a soil slope with the aid of particle swarm optimization in solving the iterative process	11th International Scientific Geo Conference SGEM 2011	Roohollah, K. and Ali, N.	Bulgaria, 20-24 June 2011
70	Uplift Response of Square Anchor Plates in Dense Sand	ISEC-6	Niroumand, H., Kassim, Kh.A., Nazir, R.	Zurich, 21-26 June 2011
71	Pullout of Horizontal Strip Plate Anchors in Cohesionless Soil	ISEC-6	Niroumand, H., Kassim, Kh.A., Nazir, R.	Zurich, 21-26 June 2011
72	Structural Beam Displacement Measurement Using DCRP Technique	11th South East Asian Congress (SEASC) & 13th International Surveyor Congress (ISC)	Radzuan Saari, Mushairry Mustaffar, Suhaimi Abu Bakar	PWTC, Kuala Lumpur, 22 - 24 June 2011
73	Characterization of Agricultural Wastewater and Biomass in a Sequencing Batch Reactor (SBR) Using Respirometric Analysis.	8th International IWA Symposium Waste Management Problems in Agro-Industries. .	Salmiati, Z.Ujang and M.R. Salim	Çeşme, Izmir, Turkey, 22-24 June 2011
74	Structural Behaviour of Cold-Formed Steel Portal Frames with With Different Stiffness Connections	ASEAN Conference on Scientific and Social Science Research	A A Bayan, S Saad and M H Osman	Gurney Hotel, Pulau Pinang, Malaysia. 22-23 June 2011
75	Compaction Parameters of Kaolin Clay Modified with Palm Oil Fuel Ash as Landfill Liner	2011 IEEE First Conference on Clean Energy and Technology (CET)	Oyeleke Raifu Brown ; Mohd Badruddin Bin Mohd Yusof ; Mohd Razman Bin Salim ; Kamaruddin Ahmed	27 - 29 June 2011 in Kuala Lumpur, Malaysia
76	Relationship Framework for Social Infrastructure Projects Success Determinants and Criteria	The 12th International Conference on Quality in Research (QiR 2011).	Wai, S. H., Aminah Md. Yusof and Syuhaida Ismail	4 - 7 July 2011, Denpasar, Indonesia:
77	Key Performance Indicators for Public Infrastructure Project in Malaysia.	The 12th International Conference on Quality in Research (QiR 2011).	Syuhaida Ismail dan Aminah Md. Yusof	4 - 7 July 2011, Denpasar, Indonesia
78	X-Ray Diffraction Analysis of Organic Soil : Crystalline Size of Mineral Phase	The International Conference for Nanomaterials Synthesis and Charaterization (INSC 2011)	Khairul Anuar Kassim , Felix Ling Ngee Leh	Mines Wellness Hotel, Seri Kembangan, Selangor, 4-7 July 2011
79	Determinants and Criteria of Social Infrastructure Projects Success.	International Postgraduate Conference on Infrastructure and Environment 2011	Wai, S. H., Aminah Md. Yusof and Syuhaida Ismail	11 - 12 July 2011, Hong Kong, China
80	Temperature Effects on Tensile Properties of Kenaf Bast Fiber	Universiti Malaysia Terengganu 10th International Annual Sumposium (UMTAS 2011)	Jamaludin Mohamad Yatim , Nur Hafizah Abd Khalid	Permai Hotel, Kuala Terengganu, 11- 13 July 2011
81	Multiphase Flow Model For Immiscible Contaminants in Double-Porosity Soil	International Conference on Remediation and Management of Contaminated Land Focus on Asia	Norhan Abd Rahman , Ngien Su Kong	Sunway Resort Hotel & Spa, Selangor, 12 - 14 July 2011
82	Statistical Downscaling for Clima Change Scenarios of Rainfall and Temperature	United Kingdom - Malaysia - Ireland Engineering Science Conference 2011	Sobri Harun , Zulkarnain Hassan	Faculty of Economics and Administration, Universiti Malaya, Kuala Lumpur, 12 -

				14 July 2011
83	Experimental Investigation on Angle Cleat Connections for Cold-Formed Steel Sections	7th International Conference on Steel and Aluminium Structures (ICSAS 2011)	Tan Cher Siang	Hotel Pullman, Kuching, Sarawak, 13 - 15 July 2011
84	Experimental Investigation on Full-Scale Sub-Assemblage Frame	7th International Conference on Steel and Aluminium Structures (ICSAS 2011)	P.N.Shek, M.M.Tahir, C.S.Tan, A. Sulaiman	Hotel Pullman, Kuching, Sarawak, 13 - 15 July 2011
85	Experimental Investigation Of Flush End-Plate Connection Connected To Column Web	International Conference on Steel and Aluminium Structures 2011, ICSAS	M.M.Tahir, I.Juki, C.S.Tan, P.N.Shek	Kuching, Sarawak, Malaysia, 13-15 July 2011
86	Experimental Investigation on Bolted Angle Connections for Cold-Formed Steel Sections	7th International Conference on Steel & Aluminium Structures (ICSAS11)	Tan Cher Siang, Mahmood Md Tahir, Shek Poi Ngian	Kuching, Sarawak, Malaysia, 13-15 July 2011
87	Determining Impact of Bus Stops on Roadway Level of Service	Poster Presentation at PTRC's 3rd Annual Traffic Management & Bus Priority Conference	Ben-Edigbe, J / Mashros, N	PTRC's 3rd Annual Traffic Management & Bus Priority Conference, 19 - 20 July 2011 Liverpool ENGLAND
88	The Provision of Economic Infrastructure via Public Private Partnership and Private Finance Initiative in Malaysia.	10th Annual Conference and Meeting of Management in Construction Researchers Association Malaysia (MiCRA) 2011	Wai, S. H., Aminah Md. Yusof and Syuhaida Ismail	26 - 27 July 2011, UIAM
89	Sustaining Technical and Vocational Education System Through Outcome-Based Education	10th Annual Conference and Meeting of Management in Construction Researchers Association Malaysia (MiCRA) 2011	Zaim Basiran & Aminah Md. Yusof	26 - 27 July 2011, UIAM
90	Cation Exchange Capacity of a Quartz-Rich Soil in an Acidic and Basic Environment	2011 International Conference on Civil Engineering and Building Materials (CEBM 2011)	Amin Eisazadeh Otaghsaraei	Kunming, China, 28 - 31 July 2011
91	Compressive Strength of High Volume Slag Cement Concrete in High Temperature Curing	2011 International Conference on Advanced Engineering Materials and Technology	Sasan Parniani, M.W. Hussin , F.R. Mansour	Sanya, China, 29-31 July 2011
92	Performance of Asphaltic Concrete Using Steel Slag Aggregate	International on Road Airfield Pavement Technology	Mohd Rosli Hainin	Quenna Sirikit Natal Convention Centre, Bangkok 3 - 5 Aug. 2011
93	Mix Design and Compressive Strength of FA-POFA-Based Geopolymer Mortar	9th Symposium on High Performance Concrete	Muhammad Aamer Rafique Bhutta , M.A.M. Ariffin, M.W. Hussin	Rotorua, New Zealand, 7-11 August 2011

94	Determining Impact of Bus Stops on Roadway Capacity	Irish Transport Research Network Annual Conference ITRN 2011	Ben-Edigbe, J / Mashros, N	Irish Transport Research Network Annual Conference (ITRN) University College Cork, 31 Aug-1 Sept. 2011 IRELAND
95	History of Horizontal Anchor Plates Based on Experimental Works in Cohesion Less Soil	5th Symposium on the Deformation Characteristics of Geo-Materials (IS-Seoul)	Niroumand, H., Kassim, Kh.A., Nazir, R.	31 Aug.- 3 Sept. 2011, Seoul, Korea
96	Different Theories & Numerical Analysis of Anchor Plates in Sand	5th Symposium on the Deformation Characteristics of Geo-Materials (IS-Seoul)	Niroumand, H., Kassim, Kh.A., Nazir, R.	31 Aug.- 3 Sept. 2011, Seoul, Korea
97	The Performance Of Embankment Reinforced With High Strength Geotextile On Soft Clay	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Bakhtiar Affandy Othman, Aminaton Marto , Fauziah Kasim, Ismail Bakar, Mohd Zulkifli Mohd Hanipiah	Universiti Teknologi Malaysia, 13-15 Sept. 2011
98	Uses of Solid By-Products from Palm Oil Industry	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Liew, W.L., Srivastava, A., Kassim, M.A. and Muda, K	Universiti Teknologi Malaysia, 13-15 Sept. 2011
99	Palm Oil Mill Sludge: Handling, Treatment, and Reuse	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Liew, W.L., Sood, D., Kassim, M.A. and Muda, K.	Universiti Teknologi Malaysia, 13-15 Sept. 2011
100	Corrosion of X70 Steels In Seabed Sediment Environment	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Budiea A.M.A., N. Yahaya , N.M. Noor,	Universiti Teknologi Malaysia, 13-15 Sept. 2011
101	Site Investigation on Corrosion and Soil Engineering Properties Relationship using Buried X70 Steel Coupon	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	K.S.Lim., N. Yahaya , N.M. Noor	Universiti Teknologi Malaysia, 13-15 Sept. 2011
102	Monitoring Corrosion Of Reinforcement Bar Using Capacitor Sensor At Different Concrete Cover Depth	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Siti Fatimah Abdul Rahman, Mohammad Ismail, Bala Muhammad, Norhazilan Md.Noor , Hazri Bakhtiar	Universiti Teknologi Malaysia, 13-15 Sept. 2011
103	Effect of Chloride and Sulphate on Soil-Corrosion	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	S.R. Othman, N.M.Noor, N.Yahaya	Universiti Teknologi Malaysia, 13-15 Sept. 2011
104	Strength of Soft Soil Reinforced With Group of Bottom Ash Columns	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Muzamir bin Hasan, Aminaton binti Marto, Ahmad Mahir bin Makhtar , Mohammad Muttaqin bin Mohammad Fadzil	Universiti Teknologi Malaysia, 13-15 Sept. 2011
105	Physical Characteristics and Geotechnical Properties of Fly Ash-Bottom Ash (FA-BA) Mixtures for Backfill Material in Geotechnical Engineering Work	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Aminaton Marto , Abd. Rahim Hj. Awang, Ahmad Mahir Makhtar , Haffiz Misbari	Universiti Teknologi Malaysia, 13-15 Sept. 2011

106	Analytical Investigation Of Cold-Formed Steel Double Channel Beam Section Design Between British Standard And Eurocode	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	LeeYH, LeeYL and TanCS	Universiti Teknologi Malaysia, 13-15 Sept. 2011
107	Structural Behavior Of Composite Beam With Cold-Formed Steel Section	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Saleh Bamaga, Mahmood Md Tahir, Tan Cher Siang	Universiti Teknologi Malaysia, 13-15 Sept. 2011
108	A review of fiber reinforced polymer properties and its utilisation in repairing works of civil structures	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Mahmoud Baniahmadi, Yusof Ahmad , Pooria Rashvand	Universiti Teknologi Malaysia, 13-15 Sept. 2011
109	Determining Speed/Density Relationship under Variable Rainfall'	SEPKA 2011 Universiti Teknologi Malaysia	Mashros N. / Ben-Edigbe J	Universiti Teknologi Malaysia, 13-15 Sept. 2011
110	The Effect of Laying Patterns on Underside Shaped Concrete Block Paement Horizontal Resistance	SEPKA 2011 Universiti Teknologi Malaysia	Hasanan Md Nor , Azman Mohamed	Universiti Teknologi Malaysia, 13-15 Sept. 2011
111	Interaction of Underside Shaped Concrete Blocks and Beding Sand	SEPKA 2011 Universiti Teknologi Malaysia	Hasanan Md Nor , Azman Mohamed	Universiti Teknologi Malaysia, 13-15 Sept. 2011
112	Experimental Modelling of Light Non-Aqueous Phase Liquid Migration in Dual - Porosity Soil	SEPKA 2011 Universiti Teknologi Malaysia	Norhan Abd Rahman , Ngien Su Kong	Universiti Teknologi Malaysia, 13-15 Sept. 2011
113	Correlation between Comperission Index and Basic Soil Parameters for Samarahan Alluviums in Sarawak	SEPKA 2011 Universiti Teknologi Malaysia	Khairul Anuar Kassim , Chong Siaw Yah	Universiti Teknologi Malaysia, 13-15 Sept. 2011
114	Pengenalan Undang-undang Buruh dalam Industri Pembinaan	SEPKA 2011 Universiti Teknologi Malaysia	Abdul Rahim Abdul Hamid	Universiti Teknologi Malaysia, 13-15 Sept. 2011
115	Kesan Penghantaran Buruh Asing Terhadap Sektor Pembinaan	SEPKA 2011 Universiti Teknologi Malaysia	Abdul Rahim Abdul Hamid	Universiti Teknologi Malaysia, 13-15 Sept. 2011
116	Isu-isu Berkaitan Buruh Asing Dalam Industri Pembinaan : Kajian Literatur	SEPKA 2011 Universiti Teknologi Malaysia	Abdul Rahim Abdul Hamid	Universiti Teknologi Malaysia, 13-15 Sept. 2011
117	Evaluation of Collapsibility Behaviour of Compacted Laterite Soil	National Seminar on Civil Engineering Research, SEPKA 2011,	Kholghifard, M., Ahmad, K., Gofar, N., Ali, N. , Kalatehjari, R.	Johor Bahru, 13-15 September 2011
118	Two-directional factor of safety equation in three-dimensional slope stability analysis	National Seminar on Civil Engineering Research, SEPKA 2011	Kholghifard, M., Ali, N. , Kalatehjari, R	Johor Bahru, 13-15 September 2011.
119	Blended Ash Geopolymer Concrete - A New Construction Material	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Mohd Azreen Mohd Ariffin, Mohd Warid Hussin and M. Aamer Rafique Bhutta	Universiti Teknologi Malaysia, 13- 15 Sept. 2011
120	Mix Design and Strength Properties of Geopolymer Mortars Containing Palm Oil Fuel Ash and Fly Ash	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Nor Hasanah Abdul Shukor Lim, M. Aamer Rafizue Bhutta, Mohd Warid Hussin , Nur Farhayu Ariffin	Universiti Teknologi Malaysia, 13- 15 Sept. 2011

121	Durability of Geopolymer Mortars Using Blended Ash from Agro-Industrial Waste	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Nur Farhayu Ariffin, M. Aamer Rafique Bhutta, Mohd Warid Hussin , Nor Hasanah Abdul Shukor Lim	Universiti Teknologi Malaysia, 13- 15 Sept. 2011
122	Aerobic Granular Sludge in A Hot Climate : A Review	Proceeding of Research Seminar in Civil Engineering 2011 (SEPKA 2011)	Muhammad Zuhdi Sulong @ Abdul Razak, Aznah Nor Anuar, Zaini Ujang, Azmi Aris , Norhaliza Abd Wahab, Inawati Othman, Noor Hasyimah Rosman, Hasnida Harun, Mohd Fadhil Md Din , Nurfarhain	UTM Training Centre , 13-15 Sept. 2011, (ISBN No : 978-967-0194-05-9)
123	Recent Development on Application of Aerobic Granular Sludge Technology for Agro Based Wastewater Treatment	Proceeding of Research Seminar in Civil Engineering 2011 (SEPKA 2011)	Hasnida Harun, Aznah Nor Anuar, Zaini Ujang, Azmi Aris , Norhaliza Abdul Wahab, Mohd Fadhil Md Din, Inawati Othman, Noor Hasyimah Rosman, Muhammad Zuhdi Abdul Razak, Nurfarhain	UTM Training Centre , 13-15 Sept. 2011, (ISBN No : 978-967-0194-05-9)
124	Influent of Shear Forces on Development and Characteristics of Aerobic Granular Sludge : A Review	Proceeding of Research Seminar in Civil Engineering 2011 (SEPKA 2011)	Inawati Othman, Aznah Nor Anuar, Zaini Ujang, Azmi Aris , Norhaliza Abdul Wahab, Mohd Fadhil Md Din , Hasnida Harun, Noor Hasyimah Rosman, Muhammad Zuhdi Abdul Razak, Nurfarhain	UTM Training Centre , 13-15 Sept. 2011, (ISBN No : 978-967-0194-05-9)
125	Application of Synthetic and Natural Materials for Enhancement of Sludge Granulation Development : A Review	Proceeding of Research Seminar in Civil Engineering 2011 (SEPKA 2011), 13-15 September 2011, UTM Training Centre. (ISBN No : 978-967-0194-05-9)	Noor Hasyimah Rosman, Aznah Nor Anuar, Zaini Ujang, Azmi Aris , Norhaliza Abdul Wahab, Mohd Fadhil Md Din , Inawati Othman, Hasnida Harun, Muhammad Zuhdi Abdul Razak, Nurfarhain	UTM Training Centre , 13-15 Sept. 2011, (ISBN No : 978-967-0194-05-9)
126	Review on Rhizofiltration and Phytoextraction : Recent progress in Phytoremediation Technology	Proceeding of Research Seminar in Civil Engineering 2011 (SEPKA 2011)	Mohd Arif Hakimi Mat Hassan, Khalida Muda, Aznah Nor Anuar , Siti Hanna Elias, Mohd Nor Othman, Shamila Azman, Salmiati Mohd Ismid Mohd Said , Maketab Mohamad, Mohd Azraai Kassim , Dhinaphriya	UTM Training Centre , 13-15 Sept. 2011, (ISBN No : 978-967-0194-05-9)

127	Recent Development on Phtoremediation Method to Improve Existing Wastewater Treatment Plant : A Review	Proceeding of Research Seminar in Civil Engineering 2011 (SEPKA 2011)	Siti Hanna Elias, Aznah Nor Anuar, Khalida Muda, Mohd Arif Hakimi Mat Hassan, Mohd Nor Othman, Shamila Azman, Salmiati, Mohd Ismid Mohd Said, Maketab Mohamad, Mohd Azraai Kassim, Dhinaphriya	UTM Training Centre , 13-15 Sept. 2011, (ISBN No : 978-967-0194-05-9)
128	Seagrass As Heavy Metal Pollution Indicator In Coastal Area : A Review	Proceeding of Research Seminar in Civil Engineering 2011 (SEPKA 2011)	sFaridahanim Ahmad, Shamila Azman, Mohd Ismid Mohd Said, Aznah Nor Anuar, Khalida Muda, Mohd Azraai Kassim, Salmiati	UTM Training Centre , 13-15 Sept. 2011, (ISBN No : 978-967-0194-05-9)
129	Consumers Behaviour as One of the Limiting Factors in the E-Waste Management in Malaysia- A Case Study in Mobile Phone	Proceedings SEPKA fka 2011.	Mohd Badruddin M.Y, Zaleha M., Gautam L.S.	Universiti Teknologi Malaysia, 13-15 Sept. 2011
130	Consumers E-waste Management In Malaysia- A Case Study Of Mobile Phone	Proceedings SEPKA fka 2011.	Mohd Badruddin M.Y, Zaleha M., Gautam L.S.	Universiti Teknologi Malaysia, 13-15 Sept. 2011
131	Noise Produced by Transverse Pavement Markings on Roadways: Case Study in Pontian area, Johor	Proceedings SEPKA fka 2011.	Mohd Hanifi Othman, Zaiton Haron, Mohd Badruddin Mohd Yusof, Khairulzan Yahya, Haryati Yaacob, Shamila Azman.	Universiti Teknologi Malaysia, 13-15 Sept. 2011
132	Transverse Pavement Markings: A Review of Application and Problems.	Proceedings SEPKA fka 2011.	Mohd Hanifi Othman, Zaiton Haron, Mohd Badruddin Mohd Yusof, Khairulzan Yahya, Haryati Yaacob, Shamila Azman.	Universiti Teknologi Malaysia, 13-15 Sept. 2011
133	Simulation of construction noise using Monte Carlo Approach,	National Seminar on Civil Engineering Research (SEPKA 2011)	Nur'ain Idris, Zaiton Haron, Khairulzan Yahya, Hamidun Mohd Noh, Mushairry Mustafar	
134	Noise Emission Levels of Earthwork Construction Equipment, Proceeding SEPKA, Universiti Teknologi Malaysia, Malaysia, 13-15 Oktober 2011	National Seminar on Civil Engineering Research (SEPKA 2011)	Hamidun Mohd Noh, Zaiton Haron, Khairulzan Yahya, Supiah Shamsudin and Wahid Omar	Universiti Teknologi Malaysia, 13-15 Sept. 2011
135	A review on concrete as sound absorption material in enclosed space,	National Seminar on Civil Engineering Research (SEPKA 2011)	Khairul Aizad Abd Razak, Abdul Rahman Mohd Sam, Zaiton Haron, Mohamad Ngasri Dimon	Universiti Teknologi Malaysia, 13-15 Sept. 2011
136	Externalities from Noise Pollution at Construction Site,	National Seminar on Civil Engineering Research (SEPKA 2011)	Aifi A I Iswandi , Khairulzan Yahya, Zaiton Haron, Mardhiah Zainal Abidin	Universiti Teknologi Malaysia, 13-15 Sept. 2011

137	Solid By-Products of Palm Oil Industry : Uses, Disposal and Challenges	National Seminar on Civil Engineering Research (SEPKA 2011)	Mohd Azraai Kassim , Liew Wai Loan	Universiti Teknologi Malaysia, 13-15 Sept. 2011
138	The Importance of Establishing Link Between CSF and KPI in Construction	National Seminar on Civil Engineering Research (SEPKA 2011)	Muhd Zaimi Abd Majid , Pooria Rashvand	Universiti Teknologi Malaysia, 13-15 Sept. 2011
139	The Measurement of Full Scale Concrete Beam and Column Deformation Using Close Range Photogrammetry Technique	Seminar Penyelidikan Kejuruteraan Awam, SEPKA	Radzuan Saari , Mushairry Mustaffar , Suhaimi Abu Bakar , Mostafa Moghadasi, Kadir Marsono	Universiti Teknologi Malaysia, 13-15 Sept. 2011
140	Procurement Method as Conflict and Dispute Reduction Mechanism for Construction Industry in Malaysia	2011 2nd International Conference on Construction and Project Management	Aminah Md Yusof , Syuhaida ismail and Leong Shiang Mun	14 & 15 Sept. 2011, Singapore
141	The Employment Of Foreign Workers At Construction Sites	2011 2nd International Conference on Construction and Project Management	Abdul Rahim Abdul Hamid , Bachan Singh , Aminah Md Yusof and Nur Ashikin M. Abdullah	14 & 15 Sept. 2011, Singapore
142	Problems Faced By Contractors In Managing Foreign Workers On Construction Sites	2011 2nd International Conference on Construction and Project Management	Abdul Rahim Abdul Hamid , Bachan Singh , Wan Zulkifli Wan Yusof , Aminah Md Yusof and Norzamzila Mustafa	14 & 15 Sept. 2011, Singapore
143	Valuation of Job Satisfaction and Performance of Employees in Small and Medium Sized Construction Firms in Nigeria	2011 2nd International Conference on Construction and Project Management (ICCPM 2011)	Arham Abdullah	14 & 15 Sept. 2011, Singapore
144	Performance of Fenton Oxidation towards Sulfide Removal for Spent Caustic Remediation	National Postgraduate Conference (NPC) 2011	Noor, S.F.M., Abu Hassan, M.A., Aris, A. and Noor, Z.Z.	Universiti Teknologi Petronas, 19-20 Sept. 2011
145	Optimization of Photo-Fenton Oxidation of Sulfidic Spent Caustic by Using Response Surface Methodology	National Postgraduate Conference (NPC) 2012	S-Abdullah, S.Y.H., Abu Hassan, M.A., Aris, A. and Noor, Z.Z.	Universiti Teknologi Petronas, 19-20 Sept. 2012
146	Influence of Construction Stages on Surface Settlement NATM Tunnelling	The 3 rd International Conference of European Asian Civil Engineering Forum, EACEF	H. Sohaei, M. Hajihassani, A. Marto , M. Karimi Shahrabaki	Universitas Atma Jaya Yogyakarta, Indonesia, 20-22 Sept. 2011
147	Utilisation Soft Drink Can As Fibre Reinforcement in Concrete	The 3 rd International Conference of European Asian Civil Engineering Forum, EACEF	A.S.M. Abdul Awal , Dianah Mazlan, Md Latif Mansur	Universitas Atma Jaya Yogyakarta, Indonesia, 20-22 Sept. 2011, pp.B15-B20.
148	The Effectiveness of Prefabricated System for Construction of Ground Bunkers	1st International Construction Business & Management Symposium (ICBMS 2011)	Rozana Zakaria , Rosli Mohamad Zin , Tan Swee Kok	Kuala Lumpur, 21-22 Sept. 2011

149	Improvement of Traditional Contract via Relationship-Based Contract Elements.	International Construction Business and Management Symposium (ICBMS 2011).	Syuhaida Ismail, Aminah Md. Yusof and Nurul Alifah Jatarona	21-22 Sept. 2011, Kuala Lumpur:
150	Sustainable Road Planning and Design/Traffic Management in Road Infrastructure Index	International Construction Business and Management Symposium (ICBMS 2011).	Muhd Zaimi Abd Majid	21-22 Sept. 2011, Kuala Lumpur:
151	Future Buildig Performance Factors in Regional Development Toward Energy Efficient Travel Plans	International Construction Business and Management Symposium (ICBMS 2011).	Muhd Zaimi Abd Majid	21-22 Sept. 2011, Kuala Lumpur:
152	Investigaton on The Needs of Computerized Information Systems in Construction Site Progress Monitoring and Control for Malaysia	International Construction Business and Management Symposium (ICBMS 2011).	Muhd Zaimi Abd Majid	21-22 Sept. 2011, Kuala Lumpur:
153	Optimum Internal Circulation Layout in High-rise building for Safe Evacuation Durng Fire Emergency : A Research Proposal	International Construction Business and Management Symposium (ICBMS 2011).	Muhd Zaimi Abd Majid	21-22 Sept. 2011, Kuala Lumpur:
154	Development of Composite Signalled Intersection Traffic Signal Control System	3rd EACEF European Asian Civil Engineering Forum (EACEF)	Ben-Edigbe, J / Mashros, N	Civil Engineering Department, Universitas Atma Jaya Yogyakarta Indonesia, 20-21 Sept. 2011 INDONESIA
155	Ductility Of Timber Beams Strengthened Using Glass Fiber Reinforced Polymer Bars	The 3 rd International Conference of European Asian Civil Engineering Forum, EACEF	Yusof, A	Universitas Atma Jaya Yogyakarta, Indonesia, 20-22 Sept. 2011
156	Investigation of Microalgae for High Lipid Content using Palm Oil Mill Effluent (POME) as Carbon Source.	International Proceedings of Chemical, Biological & Environmental Engineering.	Erisa Viony Putri, Mohd Fadhil Md Din , Zubair Ahmed, Haryati and Shreeshivadasan Chelliapan	Chengdu, China 23-25 Sep. 2011
157	A Review on Recycled Expanded Polystyrene Waste as Potential Thermal Reduction in Building Materials	International Proceedings of Chemical, Biological & Environmental Engineering.	Eedzah Aminuddin, Mohd Fadhil Md Din , Zurina Mohamad, Zainura Zainun Noor, and Kenzo Iwao	Chengdu, China 23-25 Sep. 2011
158	Operational Start-Up Performance of an Innovative Anaerobic Stage Reactor (ASR) using Synthetic Wastewater.	International Proceedings of Chemical, Biological & Environmental Engineering.	Rosnani Alkaramiah, Siti Baizura Mahat, Ali Yuzir, Mohd Fadhil Md Din , Shreeshivadasan Chelliapan	Chengdu, China 23-25 Sep. 2011
159	Analysis of heat impacted behavior at vertical façade building based heat flux mechanism.	International Proceedings of Chemical, Biological & Environmental Engineering.	Hazlini Dzinun, Mohd Fadhil Md Din , Zainura Zainun Noor, Dilshah Remaz, Kenzo Iwao, Shreeshivadasan Chelliapan	Chengdu, China 23-25 Sep. 2011

160	Effective of Treatment of Domestic Sewaged Using Vetiveria Zizaniodes in Constructed Wetlands	The 4th IWA-Aspire Conference & Exhibition	Nur Syamimi Zaidi	Tokyo, Japan 2- 6 Oct. 2011
161	First Flush Characterization of Stormwater Runoff from Urban Land Uses in Malaysia	The 4th IWA-Aspire Conference & Exhibition	Zulkifli Yusof	Tokyo, Japan 2- 6 Oct. 2011
162	Watering of Landscape Plants Using Wastewater Treated with Terminalia Catappa	The 4th IWA-Aspire Conference & Exhibition	Shamila Azman	Tokyo, Japan 2- 6 Oct. 2011
163	Organic Carbon and Nitrogen Utilization Rate of Chlorella Sorokiniana from Settled Raw Palm Oil Mill Effluent (POME) for Lipid Production	The 4th IWA-Aspire Conference & Exhibition	Mohd Fadhil Md Din	Tokyo, Japan 2- 6 Oct. 2011
164	Respirometry of Palm Oil Mill Effluent (POME) Using COD-Fractionation at Different Substrated as Carbon Sources	The 4th IWA-Aspire Conference & Exhibition	Salmiati Muhd Yunus, Zaini Ujang and Mohd Razman Salim	Tokyo, Japan 2- 6 Oct. 2011
165	Investigation of Internal Leaching of Cement-Mortar Lining in Pipes of Public Water Distribution Networks	The 4th IWA-ASPIRE Conference and Exhibition,	Majid, Z.A, Aris, A.	Tokyo, Japan, 2 – 6 Oct. 2011
166	Mechanical Properties of Geopolymer Concrete Using Blended Ash from Agro-Industrial Waste	CONCRETE 2011 - The Concrete Institute of Australia's 25th Biennial Conference	M.W.Hussin, M.A.M. Ariffin, M.A.R Bhutta	Perth, Australia, 12-14 Oct. 2011
167	Allocating Risk in Public Infrastructure Project Provision via Private Project Initiative (PFI)	2011 International Conference on Social Science Society	Aminah Md Yusof, Suhaida Ismail	Shanghai, China 14 - 15 Oct. 2011
168	An Analysis of Housing Cycle in Malaysia	2011 International Conference on Social Science Society	Aminah Md Yusof, Ismail Omar, Noraini Rajab	Shanghai, China 14 - 15 Oct. 2011
169	Lighting Retrofit on Existing Building Toward Energy Efficient and Energy Cost Saving Building	World Renewable Energy Congress -Indonesia, International Conference on Renewable Energy and Energy Efficiency	Rozana Zakaria, Armin Amirazar, Ahmad Suhaimi Abdul Mutalib	Bali Island, Indonesia , 16-20 Oct. 2011
170	Framework for the Integration of Traffic Management into Disaster Management	ACE 2011 International Conference	Minhans, A / Ben-Edigbe, J	K L University, Vijayawada, Andhra Pradesh, India, 21 - 23 Oct. 2011 INDIA
171	Application of Selected Decolourising Bacteria for the Treatment of Real Textile Wastewater – A Malaysian Case Study	BIT's 1st World Congress of Environmental Biotechnology	Ibrahim, Z., Yahya, A., Aris, A. , Daud, Z., Umor, N.A., Hashim, R., A-Razak, P.A.M., Idris, A., A-Rahman, R., Han, I.B.H., Kim, L.C., Tian, K.T., Hong, N.C.	28 - 30 Oct. 2011

172	Cement Free Concrete for Future Sustainable Construction Industries	International Seminar on the Application of Science, Mathematics, ISASM 2011	Mohd Warid Hussin, Alireza Dehghan and Mohd Azreen Mohd Ariffin	PWTC, Kuala Lumpur, 1-3 Nov. 2011
173	Uptake Of Chromium By Schefflera Arboricola And Codium Variegatum, , 1-3 Nov 2011, PWTC, KL	International Seminar On Application Of Science And Mathematics (ISASM2011)	Normala Hashim, Mohd Razman Salim, Mohd Ismid Mohd Said, Johan Sohaili	PWTC, Kuala Lumpur, 1-3 Nov. 2011
174	Experimental Investigation on Sub-Assemblage Frame with Cruciform Column Section	The 6th International Symposium on Steel Structures, ISSS 2011	P N Shek, M M Tahir, A Sulaiman, C S Tan	Seoul, Korea, 3-5 Nov. 2011
175	Structural Behavior Of Screwed Beam-To-Column Moment Connections With Cold-Formed Steel Members	The 6th International Symposium on Steel Structures, ISSS 2011	M M Tahir, H A Hamid, T C Siang, M Mahendran	Seoul, Korea, 3-5 Nov. 2011
176	Evaluation of Factors Affecting on Construction Equipment Acquisition Methods in Malaysia	2011 International Conference on Information and Finance (ICIP 2011)	Arham Abdullah	Kuala Lumpur, 4 - 6 Nov. 2011
177	Sedrainpond Model for Conservation of Land and Water in Parit Raja Palm Oil Field	First Colloquium held by Hydraulics & Hydrology Department, Faculty of Civil Engineering, Universiti Teknologi Malaysia	Dwi Tjahjanto	Seminar Room, M46, Universiti Teknologi Malaysia, Skudai, 4 Nov., 2011
178	Numerical Analysis of Bamboo-Geotextile Composite Reinforced Embankment on Soft Clay	International Conference on Advances in Geotechnical Engineering 2011, ICAGE 2011	Fauziah Kasim, Aminaton Marto, Bakhtiar Affandy Othman	Perth, Australia, 7-9 November 2011
179	The Strength of Very Soft Clay Reinforced with Singular Bottom Ash Column	International Conference on Advances in Geotechnical Engineering 2011, ICAGE 2011	Muzamir bin Hasan, Aminaton binti Marto, Masayuki Hyodo, Ahmad Mahir bin Makhtar	Perth, Australia, 7-9 Nov. 2011
180	Compaction and Physical Characteristics of Tanjung Bin Coal Ash Mixtures	International Conference on Advances in Geotechnical Engineering 2011, ICAGE 2011	Aminaton Marto, Abd. Rahim Awang, Ahmad Mahir Makhtar	Perth, Australia, 7-9 Nov. 2011
181	Pedestrian and Vehicular Traffic Delays at Zebra Crossing Facilities	Curtin University Science and Technology International Conference (CUTSE 2011)	Othman Che Puan, Raha Abd Rahman	Miri, Sarawak, 8 - 9 Nov. 2011
182	Engineering Classification of Rock Mass in Wet Tropical Region	Seminar and Workshop on Development of Rock Mass Classification in Wet Tropical Region	Edy Tonnizam Mohamad, Seyed Vahid Alavi, Maybelle Liang & Siti Norsalkini,	National Tropical Rock Engineering Research Group, UniTen, Kuala Lumpur, 12 Nov 2011
183	Effect of Induced Vegetative Moisture Uptake in an Unsaturated	5th Asia - Pacific Conference on Unsaturated Soils (AP-UNSAT 2011)	Nazri Ali	Pattaya, Thailand 14 - 16 Nov 2011
184	Thermal Characteristics of Phosphoric Acid Treated Tropical Soils	5th Asia - Pacific Conference on Unsaturated Soils (AP-UNSAT 2011)	Amin Eisazadeh Otaghsaraei	Pattaya, Thailand 14 - 16 Nov 2011

185	Multiple Regression Analysis As A Tool To Property Investment Decision Making	17th International Business Information Management Association	Aminah Md Yusof and Syuhaida Ismail	14-15 Nov. 2011 , Milan, Italy
186	Stereotyping in Graduate Education in Malaysia.	17th International Business Information Management Association	Aminah Md Yusof , Rose Alinda Alias and Hadina Habil	14-15 Nov. 2011 , Milan, Italy
187	An Empirical Study Of Key Barriers In Construction Project Coordination	17th International Business Information Management Association	Tey Kim Hai, Aminah Md Yusof , Syuhaida Binti Ismail and Lee Foo Wei	14-15 Nov. 2011 , Milan, Italy
188	Social Infrastructure Projects: A Review and a Glimpse of Philosophical	17th International Business Information Management Association	S.H. Wai, Aminah Md. Yusof , K. H. Tey, and Syuhaida Ismail	14-15 Nov. 2011 , Milan, Italy
189	Framework of Relational Contract Elements in Public Infrastructure Provision in Malaysia	17th International Business Information Management Association	Syuhaida Ismail, Aminah Md Yusof , and Wai, S. H.,	14-15 Nov. 2011 , Milan, Italy
190	Calibration and Simulation of Runoff Models for Developing Watershed Respond Knowledge at Tropical Area	1st International Conference on Geotechnique, Construction Materials and Environment	Arien Heryansyah	Tsu City Mie, Japan, 20 - 27 Nov. 2011
191	Green Construction: The Role of Palm Oil Fuel Ash in Concrete	Proceedings of the First International Conference on Geotechnique, Construction Materials and Environment (GEOMAT 2011)	Awal, A.S.M.A.	Mie, Japan, 21-23 Nov. 2011, pp.211-219
192	Sustainable Neighbourhood Planning and Design in Malaysian Perspective	National Seminar Asset and Project Management	M. Vineswaran, Mohd Ismid Mohd said, Rozana Zakaria	Petaling Jaya, Malaysia, 22 Nov. 2011
193	Procurement of Relational Contract in Malaysia	The 29th Conference of ASEAN Federation of Engineering Organisations (CAFEO 29).	Syuhaida Ismail, Aminah Md. Yusof and Nurul Alifah Jatarona	November 27-30, 2011. Brunei Darussalam:
194	The Source and Factor of Tuberculosis Transmission at Hospital for Sustainable Indoor Environment Building Design	29th Conference of asean Federation of Engineering Organisation 2011 (29th CAFEO 2011)	Md Rajuna Ahmad Shakri, Rozana Zakaria, Khairulzan Yahya, Rosli Mohamad Zin	Bandar seri Bangawan, Brunei Darussalam, 27-30 Nov. 2011
195	Identifying Factors Affecting on Construction Equipment Acquisition Methods in Malaysia	International Colloquium on Humanities, Science dn Engineering 2011 (CHUSER 2011)	Arham Abdullah	Penang, Malaysia, 5 - 6 Dec 2011
196	Sustainable Development Factors for Land Development in Universiti Teknologi Malaysia's Campus	International Conference on Sustainable Development 2011	Rozana Zakaria , Khalid Ahmed Mohamed, Rosli Mohamad Zin , Samaneh Zolfagharian, Mehdi Nourbakhsh, Mohammad Ali Nekooie, R. Taherkhani	Putrajaya, Malaysia, 5-7 Dec. 2011
197	Sustainable Neighbourhood Adaptation in Malaysia by Elemental Approach	International Conference on Sustainable Development 2011	M. Vineswaran, Mohd Ismid Mohd said, Rozana Zakaria	Putrajaya, Malaysia, 5-7 Dec. 2011

198	Application of NeuralNetwork for Prediction of unmeasured Mode Shape for Damaged Detection	14th Asia Pacific Vibration Conference	Norhisham Bakhary	The Hong Kong Polytechnic University, Hong Kong, China 5-8 Dec 2011
199	Canonical Coefficient in Statistical Downscaling	3rd International Conference in Managing Rivers in the 21st Century (RIVER 2011)	Sobri Harun, Nurul Nadrah Aqilah Tukimat	Shangrila Rasa Sayang Resort, Pahang, 6 - 9 Dec 2011
200	Integrated River Basin Management (IRBM) : Application of HEC-HMS and SWAT2005 for Kurau River Sub-Basin	3rd International Conference in Managing Rivers in the 21st Century (RIVER 2011)	Sobri Harun, Nuramidah Hamidon	Shangrila Rasa Sayang Resort, Pahang, 6 - 9 Dec 2011
201	Hydrological Response of a Catchment to Climate Change in the Kurau River Basin, Perak	3rd International Conference in Managing Rivers in the 21st Century (RIVER 2011)	Sobri Harun, Zulkarnain Hassan	Shangrila Rasa Sayang Resort, Pahang, 6 - 9 Dec 2011
202	Morphological and Strength Properties of Tanjung Bin Coal Ash Mixtures for applied in Geotechnical Engineering Work	The 2nd International Conference on Advanced Science, Engineering and Information Technology, 2nd ICASEIT 2011	Abd. Rahim Awang, Aminaton Marto, Ahmad Mahir Makhtar	Universiti Kebangsaan Malaysia, Bangi, Malaysia, 12-13 Dec 2011
203	Suitability of Termite Clay Powder as a Partial Replacement of Cement in the Production of Lateritic Soil-Cement Bricks	Proceedings of The International Conference on Structural Engineering, Construction and Management	Shehu, I. A. and Awal, A.S.M.A.	Kandy, Sri Lanka, 15-17 Dec. 2011
204	Ductility Of Timber Beams Strengthened Using Carbon Fiber Reinforced Polymer Plates	International Conference on Structural Engineering, Construction and Management	Yusof, A	Kandy, Sri Lanka 16 - 18 Dec 2011
205	Determining Impact of Rainfall on Highway Link Travel Time	16th KHSTS International Conference of Hong Kong Society for Transportation Studies - Transport Dynamics	Mashros N. / Ben-Edigbe J	17 - 20 Dec 2011 University of Hong Kong
206	Assessment of Trapezoidal Flow Contractions Resulting From Rainfall	16th KHSTS International Conference of Hong Kong Society for Transportation Studies - Transport Dynamics	Ben-Edigbe, J / Mashros, N / Alhassan, H	17 - 20 Dec 2011 University of Hong Kong
207	Development of Design Charts for the Prediction of Noise from Construction Activities	ISMST 2011: 2nd International Symposium on Mechanical Science and Technology	Zaiton Haron, D.J. Oldham, Khairulzan Yahya, Muhd Zaimi Abd Majid, Mushairry Mustffa, Nur'Ain Idris	Guangzhou, China, 20-21 Dec. 2011
208	Flexura Performance Lminated Composite Plate with Diagonally Pertubed Localized Delamination	ISMST 2011: 2nd International Symposium on Mechanical Science and Technology	Ahmad Kueh Beng Hong	Guangzhou, China, 20-21 Dec. 2011
209	A Prototype to Recognise th Drawaing Using Artificial Intelligence	ISMST 2011: 2nd International Symposium on Mechanical Science and Technology	Muhd Zaimi Abd Majid	Guangzhou, China, 20-21 Dec. 2011

210	Comparative Analysis of Seismic Behavior of V-Braced Frames and Suspended Zipper-Braced Frames	ISMST 2011: 2nd International Symposium on Mechanical Science and Technology	Mahmood Md Tahir	Guangzhou, China, 20-21 Dec. 2011
211	Decision Making Framework For Earthquake Resistant Building	ISMST 2011: 2nd International Symposium on Mechanical Science and Technology	Azlan Adnan, Rozana Zakaria , Choo Kok Wah, Abd. Latif Saleh, Khairulzan Yahya, Mushairry Mustaffar , Md Rajuna Ahmad Shakri	Guangzhou, China, 20-21 Dec. 2011
212	The Application of Convergent multi-Image Correlation in Determining Deformation in Experimental Mechanic	ISMST 2011: 2nd International Symposium on Mechanical Science and Technology	Mushairry Mustaffar, Rozana Zakaria, Radzuan Sa'ari, Zaiton Haron and Md Rajuna Ahmad Shakri	Guangzhou, China, 20-21 Dec. 2011
213	Sustainable Neighbourhood Elements Model (SNEs Model)	ISMST 2011: 2nd International Symposium on Mechanical Science and Technology	Rozana Zakaria , Vikneswaran Munikanan, Mohd Ismid Mohd Said, Abd Latif Saleh , Choo Kok Wah, Mad Rajuna Ahmad Shakri	Guangzhou, China, 20-21 Dec. 2011
214	Numerical Modeling of Geogrid Reinforced Sand Beds by Plaxis	International Symposium on Mechanical Science and Technology	Niroumand, H., Kassim, Kh.A., Nazir, R.	Guangzhou, China, 20-21 Dec. 2011
215	Corrosion of X70 Carbon Steels Material Influence by Soil Engineering Properties	International Conference on Advance Design and Manufacturing Engineering (ADME 2011)	Norhazilan Md Noor	Guangzhou, China
216	Geotechnical Properties of Tanjung Bin Coal Ash	IGCESH	Aminaton Marto , Abd. Rahim Hj. Awang, Ahmad Maher Makhtar , Lee Foo Wei	
217	Bearing Capacity of Square Footing by Finite Element Method in Reinforced Cohesion Less Slope by Goegrid	International Symposium, Exhibition and Short Course on Geotechnical and Geosynthetics Engineering : Challenges and Opportunities and Climate Change	Hamed Niroumand, Khairul Anuar Kassim	Bangkok, Thailand
218	Development of Analytical Hierarchy Process (AHP) Method for Rehabilitation Project Ranking Before Disasters	2nd International Conference on Disaster Management	Rosli Mohamad Zin	Orlando, USA,
219	Effects of Mechanical Properties of Industrialised Steel Fibres addition to Normal Weight Concrete	Proceedings of the 12th east Asia-Pacific Conference on Structural Engineering and Construction, EASEC	Ibrahim I.S. , Che Bakar M.B.	
220	Compaction Parameters of Kaolin Clay Modified with Palm Oil Fuel Ash as Landfill Liner	2011 IEEE First Conference on Clean Energy and Technology (CET) June 27-29, 2011 in Kuala Lumpur, Malaysia	Oyeleke Raifu Brown ; Mohd Badruddin Bin Mohd Yusof ; Mohd Razman Bin Salim ; Kamaruddin Ahmed	Kuala Lumpur

221	Molecular Characteristics of Malaysian Pontian Peat/Organic Soil	2011 International Conference on Nano and Materials Science (ICNMS 2011)	Khairul Anuar Kassim , Felix Ling Ngee Leh	Dalian, China
222	Minimizing Earthquake Threat to School Building by Using Sustainable Visual Assessment and Detail Analysis	The 2nd International Conference on Earthquake Engineering and Disaster Mitigation	Rozana Zakaria , Choo Kok Wah	Shangri-La Hotel Surabaya, Indonesia
223	Decision Making Framework for Earthquake Disaster Prevention and Mitigation	2011 International Conference on Vibration, Structural Engineering and Measurement (ICVSEM 2011)	Rozana Zakaria , Choo Kok Wah	Shanghai, China
224	Visual Inspection and Detail Evaluation for Earthquake Disaster Mitigation	2011 International Conference on Civil Engineering and Transportation (ICCET 2011)	Rozana Zakaria , Choo Kok Wah	Jinan, China
225	Size Dependent Uniaxially Loaded Stability of Triaxial Weave Fabric Composite	2011 International Conference on Civil Engineering and Transportation (CET 2011)	Ahmad Kueh Beng Hong	Jinan, China
226	Mechanical Properties of Concrete Containing Recycled Steel Fibres	The 3rd International Conference European Asian Civil Engineering Conference 2011 (EACEF)	Izni Syahrizal Ibrahim	Yogyakarta, Indonesia
227	Enhancement of Strength Properties of Steel Fibres Reinforced Concrete	The 3rd International Conference European Asian Civil Engineering Conference 2011 (EACEF)	Izni Syahrizal Ibrahim	Yogyakarta, Indonesia
228	Studies on the Ph Optimization of Heavy Metal Coagulation with Alum and Leachability of Heavy Metals From Alum Sludge	The 4th IWA-Aspire Conference & Exhibition	Abdull Rahim Mohd Yusoff	Tokyo, Japan
229	Incremental Rapid Visual Screening Method for Seismic Vulnerability Assessment of Existing Buildings	International Conference on Earthquake Engineering and Disaster Mitigation II-2011	Rosli Mohamad Zin	Sepuluh Nopember Institute of Technology
230	Mix Design and Compressive Strength of Geopolymer Concrete Containing Blended Ash from Agro-Industrial Wastes	2011 International Conference on Materials and Products Manufacturing Technology	Mohd Warid Hussin , Mohd Azreen Mohd Ariffin	Chengdu, China
231	Transformation Pathways of Benzo[a]pyrene in the Liquid Culture by Ligninolytic Enzymes of <i>Polyporus</i> sp. S133	International Symposium on Toxicity Assessment (ISTA) 2011	Tony Hadibarata	Hongkong
232	Sustainable Approach of Visual Assessment and Detail Analysis to Ensure School Building Sustainability from Earthquake Threat	29th Conference of asean Federation of Engineering Organisation 2011 (29th CAFEO 2011)	Choo Kok Wah, Rozana Zakaria , Mohd Zamri Ramli	Bandar seri Bangawan, Brunei Darussalam

233	Determining Relationship Between Physical Health Care Settings and Mycobacterium Tuberculosis	2011 International Conference on Civil Engineering and Transportation (ICCET 2011)	Md Rajuna Ahmad Shakri, Rozana Zakaria , Badrul Hisham Abd. Samad	Jinan, China
234	Reviewing the Construction Supply Chain Challenges and Construction Supply Chain Management Strategic Management	2011 International Conference on Business Intelligence and Financial Engineering (ICBIFE 2011)	Tey Kim Hai, Aminah Md Yusof , Syuhaida Ismail and Lee Foo Wei	

Consultancy and Professionalism

UTM-FKA has also emphasized on the importance of diversifying and giving exposure to the faculty members in various industries and expertise to enhance their industrial and professional wellbeing. It has secured 24 public and private consultancy projects, with face value of more than RM 3.3 million to be launched in 2012. More than 50% of faculty members are involved and this is actually one of the most important elements in the effective dissemination of knowledge and Teaching and Learning experience, i.e. taking real-life problems into classrooms.

Title of Research	Starting Date	Ending Date	Research Alliance	Head of Project	Category of Fund	Type of Fund	Sponsor	Budget Approved (RM)
<i>Derivation Of Lipid Content From Local Microalgae Cultivated In Diluted Pome</i>	01/01/11	31/12/12	Water	<i>Myzairah Hamdzah</i>	<i>Fundamental</i>	<i>FRGS</i>	<i>MOHE</i>	56,000.00
<i>Thermal Behaviour From Urban Heat Island (Uhi) Phenomena For Energy Saving And Heat Flux Mechanisms In Vertical Surfaces</i>	01/01/11	31/12/12	Water	<i>Mohd Fadhil Md Din</i>	<i>Fundamental</i>	<i>FRGS</i>	<i>MOHE</i>	71,000.00

<i>Studies On Metal Reduction Of X70 And X42 Submarine Pipelines Influenced By Desulfovibrio Desulfuricans Bacteria</i>	01/01/11	31/12/12	Construction	Nordin Bin Yahaya	Fundamental	FRGS	MOHE	90,450.00
<i>Investigative Study Of Partial Strength Connection On Both Axes Of Cruciform Column (C cub) Section</i>	01/01/11	31/12/12	Construction	Shek Poi Ngian	Fundamental	FRGS	MOHE	50,000.00
<i>A Study On A New Algorithm Of Sensor Placement For Enhancing The Sensitivity In Vibration Based Damage Detection For Reinforced Concrete Bridge</i>	01/01/11	31/12/12	Construction	Norhisham Bakhary	Fundamental	FRGS	MOHE	50,000.00
<i>Traffic Operational Performance Of Mid-Block U-Turn Facilities On Multilane Divided Highways</i>	01/01/11	31/12/12	Transportation	Othman Bin Che Puan	Fundamental	FRGS	MOHE	50,000.00
<i>Mechanism Of Vertical Water Movement Under Oil Palm Plantation During And After Rainfall</i>	01/01/11	31/12/12	Water	Muhamad Askari	Fundamental	FRGS	MOHE	36,000.00
<i>The Impact and Outcome of Studying Abroad on Universiti Teknologi Malaysia (UTM) Student Career Development</i>	01/03/11	28/02/12	Water	Mohd Azraai bin Kassim	Institutional	Top Down	UTM	50,000.00
<i>Removal of Heavy Metals from Aqueous Solution Using Biomimetic Materials Inspired by Natural Iron Oxide Coated Soils</i>	01/02/11	31/01/12	Construction	Amin Eisazadeh Otaghsaraei	Institutional	Short Term Grant-FAVF	UTM	30,000.00

Calibration and Simulation of Runoff Models for Land Use Management	01/02/11	31/01/12	Water	Arien Heryansyah	Institutional	Short Term Grant-FAVF	UTM	30,000.00	
Engineering Analysis Educational (EAE) Software	01/01/11	30/04/11	Construction	Airil Yasreen bin Mohd. Yassin	Contract		KPERAK Inc Corporation	199,000.00	
Determination Of Continuous Exposure And Dilution Exclusion Efficient For Passive Phyto-remediation by Seaweed Cultivation	15/05/11	14/04/12	Water	Akira Kikuchi	Institutional	Short Term Grant-FAVF	UTM	30,000.00	
SHRIMP POND EFFLUENT BIOREMEDIATION USING MACROALGAE TANK CULTURE AND BIO-SAND FILTRATION (BSF) TO PROMOTE ZERO DISCHARGE EFFLUENT SYSTEM	4/1/2011	31/03/13	Water	MOHD. FADHIL BIN MD DIN	GUP	Tier 1	UTM	149,000.00	
THE IMPROVEMENT OF SOFT MARINE CLAY IN MALAYSIA USING GEOSYNTHETIC ENCAPSULATED LIME COLUMN	4/1/2011	31/03/13	Construction	KHAIRUL ANUAR BIN KASSIM	GUP	Tier 1	UTM	150,000.00	
INNOVATIVE CONSTRUCTION USING COLD-FORMED STEEL SECTIONS FOR LIGHT STEEL STRUCTURES FOR INDUSTRIALISED BUILDING SYSTEM	4/1/2011	31/03/13	Construction	MAHMOOD BIN MD TAHIR	GUP	Tier 1	UTM	170,000.00	
CHARACTERISATI ON AND MODELLING OF COAL ASH MIXTURES IN EMBANKMENT CONSTRUCTION	4/1/2011	31/03/13	Construction	AMINATON BTE MARTO	GUP	Tier 1	UTM	150,000.00	

DEVELOPMENT OF PORTABLE PIPELINE SOIL-CORROSION INTEGRITY ASSESSMENT (POPIA) CONTRIVANCE	4/1/2011	31/03/13	Construction	NORHAZILAN BIN MD NOOR	GUP	Tier 1	UTM	150,000.00	
SHEAR STRENGTHENING OF TIMBER BEAMS USING FIBER REINFORCED POLYMER	4/1/2011	31/03/13	Construction	YUSOF BIN AHMAD	GUP	Tier 1	UTM	121,000.00	
EFFECTIVENESS OF RUMBLE STRIPS INSTALLATION ON ROADWAY	4/1/2011	31/03/13	Construction	ZAITON BTE HARON	GUP	Tier 1	UTM	130,000.00	
Analysis of Non-Aqueous Phase Liquids (NAPL) Migration in Double-Porosity Media	4/1/2011	31/03/13	Water	NORHAN BIN ABD. RAHMAN	GUP	Tier 1	UTM	129,000.00	
Evaluation of polymer by-product as additive in concrete	4/1/2011	31/03/13	Construction	MOHAMMAD BIN ISMAIL	GUP	Tier 1	UTM	150,000.00	
CHARACTERIZATIONS OF NATURAL FIBER/BIO-FIBER POLYMER COMPOSITES FOR STRUCTURES	4/1/2011	31/03/13	Construction	JAMALUDIN BIN MOHAMAD YATIM	GUP	Tier 1	UTM	130,000.00	
Discontinuous Anoxic Aerobic Reactor (DAAR) to Remove Carbonaceous and Nitrogenous Matters from Domestic Wastewater	4/1/2011	31/03/13	Water	MOHAMAD ALI FULAZZAKY	GUP	Tier 1	UTM	127,000.00	
GROOVED UNDERSIDE CONCRETE BLOCKS FOR PAVEMENT	4/1/2011	31/03/13	Construction	HASANAN BIN MD NOR	GUP	Tier 1	UTM	130,000.00	

<i>Engineering Properties and Durability Performance of Geopolymer Mortar and Concrete using Blended Ash from Agro-Industrial Waste</i>	4/1/2011	31/03/13	Construction	MOHD WARID BIN HUSSIN	GUP	Tier 1	UTM	168,000.00	
<i>Biological Criteria using Macrobenthos as a Tool for River Restoration</i>	4/1/2011	31/03/13	Water	SALMIATI	GUP	Tier 1	UTM	150,000.00	
<i>Development of Microbial Granular Sludge for Tertiary Treatment of Palm Oil Mill Effluent (POME)</i>	4/1/2011	31/03/13	Water	AZMI BIN ARIS	GUP	Tier 1	UTM	150,000.00	
<i>The Enhancement Of Microbial Granules Formation Using Augmentation Solution For Biogranulation Wastewater Treatment</i>	4/1/2011	31/03/13	Water	KHALIDA BINTI MUDA	GUP	Tier 1	UTM	130,000.00	
<i>Integration of Sewage and Greywater Treatment For Sustainable Environment</i>	4/1/2011	31/03/13	Water	MOHD RAZMAN BIN SALIM	GUP	Tier 1	UTM	150,000.00	
<i>ENHANCING BIO-CARRIERS IN IMPROVING AEROBIC UPFLOW BIOREACTOR FOR TERTIARY TREATMENT OF PALM OIL MILL EFFLUENT</i>	4/1/2011	31/03/13	Water	MOHD AZRAAI BIN KASSIM	GUP	Tier 1	UTM	130,000.00	
<i>Development of Bio-granular Sludge in a Sequential Batch Reactor (SBR) system for Pineapple Wastewater Treatment</i>	4/1/2011	31/03/13	Water	ZAINI BIN UJANG	GUP	Tier 1	UTM	170,000.00	

<i>DEVELOPMENT OF A MANGROVE VULNERABILITY INDEX USING GIS AND LIDAR TECHNOLOGY</i>	4/1/2011	31/03/13	Water	HADIBAH BTE ISMAIL	GUP	Tier 1	UTM	145,000.00	
<i>Determination of Build-up and Wash-off Coefficients for Stormwater Quality Assesment</i>	4/1/2011	31/03/13	Water	ZULKIFLI BIN YUSOP	GUP	Tier 1	UTM	128,000.00	
<i>ENGINEERING CLASSIFICATION OF ROCK MASS FOR WET TROPICAL REGION</i>	4/1/2011	31/03/13	Construction	EDY TONNIZAM BIN MOHAMAD	GUP	Tier 1	UTM	130,000.00	
<i>Development of Flood Proof House (Amphibious House) for flood plain area in Malaysia</i>	4/1/2011	31/03/13	Construction	MOHAMAD IBRAHIM BIN MOHAMAD	GUP	Tier 1	UTM	149,000.00	
<i>Earthquake Hazard Reduction Product: Base Isolator Application to Precast Concrete Wall Panel Buildings</i>	4/1/2011	31/03/13	Construction	AZLAN BIN ADNAN	GUP	Tier 1	UTM	170,000.00	
<i>INNOVATIVE OPTICAL FIBRE SENSING OF HIGHWAY AND GEOTECHNICAL INFRASTRUCTURE S</i>	4/1/2011	31/03/13	Construction	HISHAM BIN MOHAMAD	GUP	Tier 1	UTM	150,000.00	
<i>Modelling of Longshore Sediment Transport (LST) in Swash Zone</i>	4/1/2011	31/03/13	Water	AHMAD KHAIRI BIN ABD WAHAB	GUP	Tier 1	UTM	149,000.00	
<i>Analytical Models for Strength of Composite Joints in Light Steel Framing</i>	4/1/2011	31/03/2012	Construction	TAN CHER SIANG	GUP	Tier 2	UTM	40,000.00	
<i>ANALYTICAL AND NUMERICAL THERMAL DISTORTION OF TRIAXIAL WEAVE FABRIC COMPOSITES</i>	4/1/2011	31/03/2012	Construction	AHMAD KUEH BENG HONG	GUP	Tier 2	UTM	40,000.00	

Potential Reuse of Waste Electrical and Electronic Equipment (WEEE) from Printed Circuit Board (PCB)	4/1/2011	31/03/2012	Water	JOHAN BIN SOHAILI	GUP	Tier 2	UTM	40,000.00	
ANALYTICAL STUDY OF BLIND BOLTED CONNECTIONS TO STRUCTURAL HOLLOW SECTIONS	4/1/2011	31/03/2012	Construction	SHEK POI NGIAN	GUP	Tier 2	UTM	40,000.00	
SETTLEMENT PREDICTION OF SOFT CLAY DUE TO EMBANKMENT CONSTRUCTION AND TUNNELING WORK	4/1/2011	31/03/2012	Construction	FAUZIAH BTE KASIM	GUP	Tier 2	UTM	40,000.00	
THREE-DIMENSIONAL LIMIT EQUILIBRIUM SLOPE STABILITY ANALYSIS IN HOMOGENEOUS SATURATED CLAY SOIL BASED ON OPTIMIZATION TECHNIQUES	4/1/2011	31/03/2012	Construction	NAZRI BIN ALI	GUP	Tier 2	UTM	40,000.00	
TRANSFORMATION PATHWAY OF HIGH-MOLECULAR-WEIGHT (HMW) POLYCYCLIC AROMATIC HYDROCARBONS BY WHITE ROT FUNGI	4/1/2011	31/03/2012	Water	TONY HADIBARATA	GUP	Tier 2	UTM	40,000.00	
MODELING APPROACH FOR ANALYZING WATER SUPPLY PROBLEM IN DEVELOPING AREAS	4/1/2011	31/03/2012	Water	ARIEN HERYANSYAH	GUP	Tier 2	UTM	40,000.00	
POST TENSION LOSS ON IBS RESIDENTIAL SMART COMPONENT FOR HOUSING	4/1/2011	31/03/2012	Construction	ABDUL KADIR BIN MARSONO	GUP	Tier 2	UTM	40,000.00	

DEVELOPMENT ON THE MECHANICAL PROPERTIES OF RECYCLED STEEL FIBRES IN CONCRETE	4/1/2011	31/03/2012	Construction	IZNI SYAHRIZAL BIN IBRAHIM	GUP	Tier 2	UTM	40,000.00	
ESTABLISHING APPROPRIATE INDOOR ENVIRONMENT PARAMETER FOR ISOLATION TB WARD LAYOUT DESIGN	4/1/2011	31/03/2012	Construction	ROZANA BINTI ZAKARIA	GUP	Tier 2	UTM	40,000.00	
INFILTRATION UNDER OIL PALM PLANTATION: HETEROGENITIES FROM CANOPY TO INTERSPACE	4/1/2011	31/03/2012	Water	MUHAMAD ASKARI	GUP	Tier 2	UTM	40,000.00	
Investigation on Precast Floor Panel using Lightweight Concrete and Cold-formed Steel Section.	4/1/2011	31/03/2012	Construction	SHAHRIIN BIN MOHAMMAD	GUP	Tier 2	UTM	40,000.00	
UTM WATER QUALITY MONITORING SYSTEM (UTM-WQMS) AND ITS APPLICATIONS TO MULTI-PARAMETER LARGE NUMBER SAMPLE ANALYSIS	4/1/2011	31/03/2012	Water	KIKUCHI AKIRA	GUP	Tier 2	UTM	40,000.00	
Modified oedometer for determination of SWCC	4/1/2011	31/03/2012	Construction	KAMARUDIN BIN HJ AHMAD	GUP	Tier 2	UTM	40,000.00	
REHABILITATION ATTRIBUTES OF ROAD INFRASTRUCTURE SUBJECTED TO SEISMIC RISK	4/1/2011	31/03/2012	Construction	ROSLI B. MOHAMAD ZIN	GUP	Tier 2	UTM	40,000.00	
TRANSMISSION LENGTH IN PRESTRESSED CONCRETE	4/1/2011	31/03/2012	Construction	ROSLI BIN NOOR MOHAMED	GUP	Tier 2	UTM	40,000.00	

<i>Enhancement of peat soil as a landfill liner material</i>	4/1/2011	31/03/2012	Construction	RAJEEV KUMAR PRASANNAN PILLAI	GUP	Tier 2	UTM	40,000.00	
<i>Thin Walled Extensible Column and Beam for IBS Construction</i>	4/1/2011	31/03/2012	Construction	AZHAR BIN AHMAD	GUP	Tier 2	UTM	40,000.00	
MANAGING AND MINIMISING DEMOLITION WASTE IN MALAYSIA	4/1/2011	31/03/2012	Construction	ARHAM BIN ABDULLAH	GUP	Tier 2	UTM	40,000.00	
THE USE OF BOTTOM ASH IN SOFT CLAY IMPROVEMENT FOR CONSTRUCTION WORKS	4/1/2011	31/03/2012	Construction	AHMAD MAHIR BIN MAKHTAR	GUP	Tier 2	UTM	40,000.00	
SUB-METRE DIGITAL TERRAIN MODELS AND THEIR IMPACTS IN THE ANALYSIS OF PONDING AND SURFACE WATER RUN-OFF IN FLAT AREAS	4/1/2011	31/03/2012	Construction	MUSHAIRRY BIN MUSTAFFAR	GUP	Tier 2	UTM	40,000.00	
High performance cementitious materials incorporating nano-particles and polymer admixtures	4/1/2011	31/03/2012	Construction	MUHAMMAD AAMER RAFIQUE BHUTTA	GUP	Tier 2	UTM	40,000.00	
Real-time digital high-speed IBS structure stress and strain measurement subjected to impact and explosion loading	4/1/2011	31/03/2012	Construction	BAHARIN BIN MESIR	GUP	Tier 2	UTM	40,000.00	
MODELLING DELAY IN HOUSING DELIVERY IN MALAYSIA	4/1/2011	31/03/2012	Construction	AMINAH BINTI MD YUSOF	GUP	Tier 2	UTM	40,000.00	

<i>Behaviour of Steel Spiral and Confined Grout in Increasing the Anchorage Capacity of Precast Concrete Sleeve Connector</i>	4/1/2011	31/03/2012	Construction	AHMAD BAHARUDDIN B ABD RAHMAN	GUP	Tier 2	UTM	40,000.00	
<i>INVESTIGATION OF STRENGTH AND DURABILITY OF HIGH-VOLUME PALM OIL FUEL ASH CONCRETE</i>	4/1/2011	31/03/2012	Construction	A.S.M. ABDUL AWAL	GUP	Tier 2	UTM	40,000.00	
<i>Engineering Properties Of Hot Mix Recycling Asphalt Mixtures</i>	4/1/2011	31/03/2012	Construction	MOHD ROSLI BIN HAININ	GUP	Tier 2	UTM	40,000.00	
<i>Optimal sensor placement for vibration based damage detection of civil structure</i>	4/1/2011	31/03/2012	Construction	NORHISHAM BIN BAKHARY	GUP	Tier 2	UTM	40,000.00	
<i>Uplift Response of Symmetrical Horizontal Anchor Plate into Grid-Fixed Reinforced(GFR) Cohesion less Soil</i>	4/1/2011	31/03/2012	Construction	RAMLI BIN NAZIR	GUP	Tier 2	UTM	40,000.00	
<i>Determining Impact of Rainfall Intensities on Highway Link Travel Time</i>	4/1/2011	31/03/2012	Construction	JOHNNIE BEN-EDIGBE	GUP	Tier 2	UTM	40,000.00	
<i>Designation of Sustainable Circulation System for Expediting Bio-granulation Process in Sequencing Batch Reactor (SBR) system.</i>	4/1/2011	31/03/2012	Water	AZNAH BINTI NOR ANUAR	GUP	Tier 2	UTM	40,000.00	
<i>Imposex Occurrence on Gastropods as Indicator of Tributyltin (TBT) Contamination in Johor Coastal Areas</i>	4/1/2011	31/03/2012	Water	MOHD ISMID BIN MOHD SAID	GUP	Tier 2	UTM	40,000.00	

RHIZOFILTRATION FOR ENHANCEMENT OF MUNICIPAL WASTEWATER TREATMENTWASTEWATER TREATMENT	4/1/2011	31/03/2012	Water	MOHD NOR BIN OTHMAN	GUP	Tier 2	UTM	40,000.00	
CHROMIUM REMOVAL BY FLOATING-BED GROWN VETIVER GRASS	4/1/2011	31/03/2012	Water	NORMALA BT HASHIM	GUP	Tier 2	UTM	40,000.00	
PROFILE OF LOCAL AND FOREIGN LABORS IN CONSTRUCTION INDUSTRY	4/1/2011	31/03/2012	Construction	ABDUL RAHIM B. ABDUL HAMID	GUP	Tier 2	UTM	40,000.00	
OPERATING SPEED OF VEHICLES ON VERTICAL AND HORIZONTAL CURVES ON SINGLE CARRIAGE WAY ROADS	4/1/2011	31/03/2012	Transportation	OTHMAN BIN CHE PUAN	GUP	Tier 2	UTM	40,000.00	
Process Based Stability Formulae For Coastal Structures Made of RC-Baox Sand Containers	4/1/2011	31/03/2012	Water	ABDUL CHALID	GUP	Tier 2	UTM	40,000.00	
Database on Rock Properties for Preliminary Assessment of Site	4/1/2011	31/03/2012	Construction	MOHD FOR BIN MOHD AMIN	GUP	Tier 2	UTM	40,000.00	
Characterization of Continuous Bio-Fibre Hybrid Composites for Structural Elements	4/1/2011	31/03/2012	Construction	ABDUL RAHMAN BIN MOHD.SAM	GUP	Tier 2	UTM	40,000.00	
CHARACTERIZATI ON OF MOBILE PHONE USERS AND CELL PHONE RECYCLING ACTIVITIES AND ITS IMPACT ON THE ENVIRONMENT.	4/1/2011	31/03/2012	Sustainability	MOHD BADRUDDIN BIN MOHD YUSOF	GUP	Tier 2	UTM	40,000.00	

<i>STRUCTURAL RESPONSES OF COLD-FORMED STEEL FRAME WITH SEMI-RIGID JOINTS</i>	4/1/2011	31/03/2012	Construction	SARIFFUDDIN BIN SA'AD	GUP	Tier 2	UTM	40,000.00	
<i>Analysis of partial interaction of composite beams using Meshfree Method</i>	4/1/2011	31/03/2012	Construction	ABD LATIF BIN SALEH	GUP	Tier 2	UTM	40,000.00	
<i>LAND USE IMPACT AND VARIATION IN BIOGEOCHEMICAL PROPERTIES ON INTER TIDAL SEAGRASS SHOAL</i>	4/1/2011	31/03/2012	Water	SHAMILA BINTI AZMAN	GUP	Tier 2	UTM	40,000.00	
<i>Experimental and Analytical Investigation of Externally-Confined High Strength Concrete Using Prestressing Multi-Layer Straps</i>	4/1/2011	31/03/2012	Construction	ABDULLAH ZAWAWI BIN AWANG	GUP	Tier 2	UTM	40,000.00	
<i>Flow Mechanism in Vegetated Two-Stage Meandering Fixed Bed Channel</i>	4/1/2011	31/03/2012	Water	ZULHILMI BIN ISMAIL	GUP	Tier 2	UTM	40,000.00	
<i>ELECTROCOAGULATION AND VOLTAMMETRIC STUDIES OF REACTIVE DYES</i>	4/1/2011	31/03/2012	Water	FADIL BIN HAJI OTHMAN	GUP	Tier 2	UTM	40,000.00	
<i>MODEL OF SEDRAINPOND FOR CONSERVATION OF LAND AND WATER BASED ON COMMUNITY PARTICIPATION</i>	4/1/2011	31/03/2012	Water	DWI TJAHJANTO	GUP	Tier 2	UTM	40,000.00	
<i>Investigation of the Effects of Wave Energy Attenuation by Flexible Porous Breakwaters</i>	4/1/2011	31/03/2012	Water	FARIDAH BTE JAFFAR SIDEK	GUP	Tier 2	UTM	40,000.00	

<i>STREAMFLOW FORECASTING AT GAUGED AND UNGAUGED SITES OF A RIVER BASIN MODEL</i>	4/1/2011	31/03/2012	Water	PONSELVI A/P JEEVARAGAMA	GUP	Tier 2	UTM	40,000.00
<i>FLOODPLAIN MODELLING DUE TO DAM BREAK</i>	4/1/2011	31/03/2012	Water	ZAINAB BINTI MOHAMED YUSOF	GUP	Tier 2	UTM	40,000.00
<i>THREE-DIMENSIONAL MODELING SEDIMENTATION PROCESSES IN A CONSTRUCTED STORMWATER WETLAND</i>	4/1/2011	3/31/2013	Water	NOOR BAHARIM BIN HASHIM	GUP	Tier 1	UTM	40,000.00
<i>Determination of Continuous Exposure and Dilution Exclusion Efficiency for Passive Phytoremediation by Seaweed Propagation</i>	7/1/2011	6/30/2013	Water	Akira Kikuchi	Fundamental	FRGS	MOHE	127,000.00
<i>Magnetic and Rubber-Fibre Optic Sensors in Seismo-Accelerometer for Seismic (Structural Damage) Detection Due to Earthquake Ground Motion</i>	01/08/11	31/07/14	Construction	Azlan Adnan	Fundamental	ERGS	MOHE	132,000.00
<i>Exploring Innovative Spiral Grouted Connections for Precast Concrete Buildings and Bridges</i>	01/08/11	31/07/14	Construction	Ahmad Baharuddin Abd. Rahman	Fundamental	ERGS	MOHE	148,000.00
<i>Introduction and Evaluation of Easy-to-use Water Quality Checker to Tackle the Gap between Environmental Regulation and Urban River Euthrophication in Malaysia</i>	01/08/11	31/07/14	Water	Akira Kikuchi	Fundamental	ERGS	MOHE	64,560.00

<i>Penilaian Program Tranformasi Desa di Gopeng</i>	01/08/11	31/10/11	Water	ZAINI BIN UJANG	GUP	Tier 1 (Top Down)	UTM	150,000.00	
<i>Constructions's Analysis Design and Scheduling Software (CADs) Version 1.5</i>	01/01/11	30/04/11	Construction	Airil Yasreen Mohd Yassin	Contract		KPerak Inc Corporation	142,000.00	
<i>Agricultural Non Point Source Pollution and Impact on Reservoir Sedimentation and Water Quality</i>	01/07/11	30/06/14	Water	Zulkifli Yusop	Others		Humid Tropics Centre Kuala Lumpur-JPS	150,000.00	
<i>Rainwater Harvesting in Small Island (Tioman)</i>	01/07/11	30/06/13	Water	Kamarul Azlan Mohd Nasir	Others		Humid Tropics Centre Kuala Lumpur-JPS	30,000.00	
<i>Development of New Mosquito Trap to Reduce Disease Derive From Mosquito</i>	1/11/2011	30/11/2012	Water	MOHD. FADHIL BIN MD DIN	Others		TAKEDA Co. Ltd.	26,182.00	
<i>Development Of Pedotranfer Functions For Malaysian Soils</i>	11/1/2011	12/31/2012	Water	MUHAMAD ASKARI	Institutional	Short Term Grant-FAVF	UTM	30,000.00	
<i>Recovery Of Nutrient From Municipal Wastewater Treatment Plant Effluents Applied To Hybird Plug-Flow Column Reactor</i>	11/1/2011	12/31/2012	Water	Mohamad Ali Fulazzaky	Institutional	Short Term Grant-FAVF	UTM	30,000.00	
<i>Pilot-Scale Study of Sg. Bekok Acidic Water Treatment using Zeolite Bekok</i>	01/01/2011	30/09/2011	Water	AZMI BIN ARIS	Contract		Syarikat Air Johor Holding Berhad	52,500.00	
<i>Corrosion Control of Bolts and Nuts in Underground Eater Supply pipers of SAJ Holding</i>	01/09/2011	28/02/2012	Water	ZAITON BT ABDUL MAJID	Contract		Syarikat Air Johor Holding Berhad	50,865.00	

NO.	FACULTY	TOTAL PROJECT	PERUNTUKAN DILULUSKAN (RM)	TOTAL PROJECTS BY CATEGORI				
				Contract	Fundamental	GUP	Institutional	Others
1.	FKA	102	7,710,557.00	4	11	79	5	3
TOTAL		102	7,710,557.00	4	11	79	5	3

TOTAL RESEARCH GRANT RMK10 (2011)

Number of Total Grants Secured

TOTAL AMOUNT OF GRANTS BY CATEGORY (RM)				
Contract	Fundamental	GUP	Institutional	Others
444,365.00	875,010.00	5,985,000.00	200,000.00	206,182.00
444,365.00	875,010.00	5,985,000.00	200,000.00	206,182.00