

JABATAN KEJURUTERAAN AWAM / DEPARTMENT OF CIVIL ENGINEERING

Jurnal/Journals

1. Kalantari B, Prasad A, **Huat B.B.K**, (2013), Cement And Silica Treated Columns To Improve Peat Ground, *Arabian Journal for Science and Engineering*, Vol. 38, No. 4, pp. 805-816, 0.243
2. Abdul-Hadi.A, **Mansor S**, Pradhan B, Tan C. K, (2013), Seasonal variability of chlorophyll-a and oceanographic condotions in Sabah waters in ralation to Aisn monsoon--a remote Sensing study, *Environmental monitoring and assessment*, Vol. 185, No. 5, pp. 3977-3991,
3. Saeed O.M.B, Shariff A. R. M, **Mahmud A.R.B.M**, Shafri H. Z. M, Alfatni M.S, Aouache M. Ehsani R, (2013), Ripeness detection of oil palm fresh fruit bunches using 4-band sensors, *Advanced Science Letters*, Vol. 19, No. 12, pp. 3468-3472,
4. Saeed O.M.B, Shariff A. R. M, **Mahmud A.R.B.M**, Shafri H. Z. M, Alfatni M.S, Aouache M. , (2013), Oil Palm fruit classification using Spectrometer, *Advanced Science Letters*, Vol. 19, No. 9, pp. 2651-2653,
5. Ebadi L, **Shafri H.Z.M**, (2013), Compression of remote sensing data using second-generation wavelets; a review, *Environmental Earth Sciences*, Vol. in press, No. , pp. 001-009, 1.445
6. Wu. J, Yusoff N. I. M, **Jakarni F. M**, Hainin M. R, (2013), Correction of compliance errors in the dynamic shear modulus of bituminious binder data, *Sains Malaysiana*, Vol. 42, No. 6, pp. 783-792, 0.408
7. Hassaballa A. A, Althuwaynee O. F, **Pradhan B**, (2013), Extraction of soil moisture from RADARSAT-1 and its role in the information of the 6 December 2008 landslide at Bukit Antarabangsa, Kuala Lumpur, *Arabian Journal of Goesciences*, Vol. in press, No. , pp. , 0.741
8. Tehrany M. S, **Pradhan B**, Jebur M. N, (2013), Remote Sensing Data Reveals Eco-Environmental Changes In Urban Areas of Klang Valley, Malaysia:Contribution from object based analysis, *Journal of the Indian Society of Remote Sensing*, Vol. in press, No. , pp. , 0.344
9. Manap M. A, Sulaiman W. N. A, Ramli M. F, **Pradhan B**, Surip N, (2013), A knowledge-driven modeling technique for groundwater potential mapping at the upper Langat Basin, Malaysia, *Arabian Journal of Goesciences*, Vol. 6, No. 5, pp. 1621-1637, 0.74
10. Yousef A. M, **Pradhan B**, Maerz N. H, (2013), debris flow impact assessment caused by 14 April 2012 rainfall along the Al-Hada highway, Kingdom of Saudi Arabia using high-resolution satellite imagery, *Arabian Journal of Goesciences*, Vol. in press, No. , pp. , 0.74
11. Pourghasemi H.R, Jirandeh A. G, **Pradhan B**, Xu C, Gokceoglu C, (2013), Lanslide susceptibility mapping using support vector machine and GIS at the Golestan province, Iran, *Journal of Earth system Science*, Vol. 122, No. 2, pp. 349-369, 0.695
12. Salleh S.A, Latif Z. A, **Pradhan B**, Wan Mohd. W. M. N, Chan A, (2013), Functional relation of land surface albedo with climatological variables : a review on remote sensing technique and recent research developments, *Geocarto International*, Vol. in press, No. , pp. , 0.575
13. **Nahazanan H**, Clarke S, Asadi A, Md. Yusoff Z, Huat B. K, (2013), Effect of inundation of shear strength characteristic of mudstone backfill, *Engineering Geology*, Vol. 158, No. , pp. 48-56, 1.403
14. Rahman M. M, Saidur R, Mekhilef S, Uddin M. B, **Ahsan A**, (2013), Double-Diffusive bouyancy induced flow in a triangular cavity with corrugated bottom wall : effects of geometrical parameters, *International Communication in Heat And Mass Transfer* , Vol. 45, No. , pp. 64-74, 2.316
15. thirugnanasambantham A, Rajan J, **Ahsan A**, kumar V, (2013), Effect of air flow on tubular solar still efficiency, *Iranian journal of Environmental Health Science and Engineering*, Vol. 10, No. 31, pp. 2013, 1.227
16. Imteaz M. A, **Ahsan A**, Shanableh A, (2013), Reliability Analysis of rainwater tanks using daily water balance model:variations within a large city, *Resources, Conservation and Recycling*, Vol. 77, No. 2013, pp. 37-43, 2.319
17. Montakhab A, **Yusuf B**, Ghazali A. H, Mohamed T. A, (2013), Estimation of Vegetation Porosity in Vegetated Waterways, *ICE : Water Management*, Vol. 166, No. 6, pp. 333-340, 0.535
18. **Ratnasamy Muniandy**, Eltaher Aburkaba, (2013), Effect of micron filler particle size and filler type on rheological and performance properties of stone mastic asphalt-filler mastics, *Australian Journal of Basic And Applied Science*, Vol. 7, No. 1, pp. 105-116,

19. Amani A, **Shatri Mansor**, Pradhan B, Billa L, Pirasteh S, (2013), Coupling Effect of ozone column and atmospheric infrared sounder data reveal evidence of earthquake precursor phenomena of bam earthquake Iran, *Arabian Journal of Goesciences*, Vol. in press, No. , pp. 001-011, 1.141
20. Al-Shalabi M.,**Pradhan B.**,Billa L,Mansor S.,Althuwaynee O.F, (2013), Manifestation of remote sensing data in modelling urban sprawl using the SLEUTH model and Brute Force calibration : a case study of sana's city, Yemen, *Journal of the Indian Society of Remote Sensing*, Vol. 41, No. 2, pp. 405-416, 0.344
21. M.A. Imteaz, **A. Ahsan**, A. Rahman, F. Mekanik, (2013), Modelling Stormwater Treatment Systems using MUSIC: Accuracy., *Resources, Conservation and Recycling*, Vol. 71, No. 2013, pp. 15-21, 1.759
22. **Ahsan, A.**, M. Imteaz, R. Dev, HA Arafat, (2013), Numerical Models of Solar Distillation Device: Present and Previous, *Desalination*, Vol. 311, No. 2013, pp. 173-181, 2.59
23. Karagol F, **Demirboga R**, Kaygusuz M. A, Yadollahi M. M, Polat R, (2013), The influence of calcium nitrate as antifreeze admixture on the compressive strength of concrete exposed to low temperatures, *Cold Regions Sciences and Technology*, Vol. 89, No. 2013, pp. 30-35, 1.429
24. **Demirboga R**, Akif Kaygusuz M, Polat R, (2013), Effect of glass fiber-reinforced polymer and epoxy injection on compressive strength of elevated temperature damaged concrete, *Fire and Materials*, Vol. 37, No. 2, pp. 10-113, 1.185
25. Yardim Y, Waleed A.M.T, **Jaafar M.S**, Laseima S, (2013), AAC-concrete light weight precast composite floor slab, *Construction and Building Materials*, Vol. 40, No. 2013, pp. 405-410, 1.834
26. Azari K. A, **Arintono S**, Hamid H, Davoodi S. R, (2013), Evaluation of demand for different trip purposes under various congestion pricing scenarios, *Journal Of Transport Geography*, Vol. 29, No. 2013, pp. 43-51,
27. Ahmadi Azari K, **Arintono S**, Hamid H, Rahmat R.A.O.K, (2013), Modelling demand under parking and cordon pricing policy, *Transport policy*, Vol. 25, No. 2013, pp. 001-009,
28. Ebadi L, **Shafri H.Z.M**, Mansor S.B, Ashurov R, (2013), A review of applying second-generation wavelets for noise removal from remote sensing data, *Environmental Earth Sciences*, Vol. in press, No. , pp. , 1.059
29. Yusoff N.I.M, **Jakarni F.M**, Nguyen V. H, Hainin M.R, Airey G.D, (2013), Modelling the rheological properties of bituminous binders using mathematical equations, *Construction and Building Materials*, Vol. 40, No. 2013, pp. 174-188, 1.834
30. Moayedi H, Kazemian S, **Huat B.B.K**, (2013), Shear Strength Parameters of improved peat by chemical stabilizer, *Geotechnical and Geological Engineering*, Vol. in press, No. , pp. ,
31. Roozbahani M.M, **Huat B.B.K**, Asadi A, (2013), The effects of different random number distributions on the porosity of spherical particles, *Advanced Powder Technology*, Vol. 24, No. 1, pp. 26-35, 1.612
32. Asadi A, **Huat B.B.K**, Nahazanan H, Keykhah H. A, (2013), Theory of electroosmosis in soil, *International Journal of Electrochemical Sciences*, Vol. 8, No. 1, pp. 1016-1025, 3.729
33. Kazemian S, Prasad A, **huat B.B.K**, Mohammad T. A, Aziz F.N.A.A, (2013), Stabilization of tropical peat by chemical grout, *journal of the Chinese Institute of Engineers*, Vol. 36, No. 1, pp. 114-128, 0.295
34. Abdullahi S, **Mahmud A.R.B**, Pradhan B, (2013), Spatial modelling of site suitability assessment for hospitals using geographical information system-based multicriteria approach at Qazvin City, Iran, *Geocarto International*, Vol. in press, No. , pp. ,
35. Yahyapour S, Golshan A, **Ghazali A.H.B**, (2013), Removal of total suspended solids and turbidity within experimental vegetated channel : optimization through response surface methodology, *Journal Of Hydro-Environment Research*, Vol. in press, No. , pp. , 1
36. **Mohammad T. A**, Mohamed A.H, Noor M.J.M.M, Ghazali A.H, (2013), Coagulation activity of spray dried salt extracted Moringa Oleifera, *Desalination and Water Treatment*, Vol. 51, No. 007-009, pp. 1941-1946, 0.614
37. **Noor M.J.M.M**, Mohamed E.H, Mohammad T. A, Ghazali A. H, (2013), Effect of the packaging and storage conditions on the coagulation acivity of spray-dried salt-extracted Moringa Oleifera, *Desalination and Water Treatment*, Vol. 51, No. 007-009, pp. 1947-1953, 1.614
38. Arunkumar T, Denkenberger D, **Ahsan A**, Jayaprakash R, (2013), The Augmentation of distillate yield by using concentrator coupled solar still with phase change material, *Desalination*, Vol. 314, No. 2013, pp. 189-192, 2.59

39. Arunkumar t, Jayaprakash R, **Ahsan A**, Denkenberger D, (2013), Effect of water and air flow on concentric tubular solar water desalting system, *Applied Energy*, Vol. 103, No. 2013, pp. 109-115, 5.106
40. **Nik Daud N. N**, Anuar N. S, Yusoff Z, Ahsan A, (2013), Assessment of lake sediments properties and contaminations, *Advanced Material Research*, Vol. 610-613, No. 2013, pp. 2100-2103,
41. Farzadnia N, **Abang Ali A. A**, Demirboga R, Anwar M. P, (2013), Characterization of high strength mortars with nano Titania at Elevated Temperatures, *Construction and building Materials*, Vol. 43, No. 2013, pp. 469-479, 1.834
42. Nima Farzadnia, **Abang Abdullah Abang Ali**, Ramazan Demirboga, Mohammed Parvez Anwar, (2013), Effect of halloysite nanoclay on mechanical properties, tremal behavior and microstructure of cement mortars, *Cement and Concrete Research*, Vol. 48, No. 2013, pp. 97-104, 2.781
43. **Biswajeet Pradhan**, (2013), A comparative study on the predictive ability of the decision tree, support vector machine and neuro-fuzzy models in landslide susceptibility mapping using GIS, *Computers and Geosciences*, Vol. 51, No. 2013, pp. 350-365, 1.429
44. Keivan Kabiri, **Biswajeet Pradhan**, Kaveh Samimi-Namin, Masoud Moradi, (2013), Detecting coral bleach using Quickbird multi-temporal data : A feasibility study at Kish Island, The Persian Gulf, *Estuarine, Coastal and Shelf Sciences*, Vol. 117, No. 2013, pp. 273-281, 2.247
45. K.Biro, **B Pradhan**, M. Buchroithner, F. Makeshin, (2013), Land use/land cover change analysis and its impact on soil pripties in the northern part of gadarif region, Sudan, *Land Degradation & Development*, Vol. 24, No. 2013, pp. 90-102, 1.402
46. Dieu Tien Bui, **Biswajeet Pradhan**, Owe Lofman, Inge Revhaug, Oystein B. Dick, (2013), Regional prediction of landslide hazars using probability analysis of intense rainfall in the Hoa Binh province, Vietnam, *Natural Hazards*, Vol. 66, No. 2, pp. 707-730, 1.529
47. Ebru Akcapinar Sezer, **Biswajeet Pradhan**, Candan Gokgeoglu, (2013), Erratum to : Manifestation of an adaptive neuro-fuzzy model on lindslide susceptibility mapping : Klang Valley, Malaysia, *Expert System with Applications*, Vol.40, No.6, pp.2360, 2.203
48. S. Elbially, A. Mahmoud, **B. Pradhan**, M. Buchroither, (2013), Application of spaceborne synthetic aperture radar data for extraction of soil moisture and its use in hydrological modeling at Gottleuba Catchment, Saxony, Germany, *journal of Flood Risk Management*, Vol. in press, No. , pp. , 1
49. Saied Pirasteh, **Biswajeet Pradhan**, Hojjat O. Safari, Mohammad Firuz Ramli, (2013), Coupling of DEM and remote-sensing-based approaches for semi-automated detection of regional geostructural features in Zagros Mountain, Iran, *Arabian Journal of Goesciences*, Vol. 6, No. 2013, pp. 91-99, 1.141
50. H.R. Pourghasemi, H. R. Fatemi Aghda, C. Gokceoglu, **B. Pradhan**, (2013), GIS-based lanslide susceptibility mapping with probabilistic likelihood ratio and apatial multi-criteria evaluation models (North of Tehran, Iran), *Arabian Journal of Goesciences*, Vol. in press, No. , pp. , 1.141
51. Amar Deep Regmi, Krishna Chandra Devkota, Kahki Yoshida, **Biswajeet Pradhan**, Hamid Reza Pourghasemi, Takashi Kumamoto, Aykut Akgun, (2013), Application of frequency ratio, statistical index, and weight-of-evidence models and their comparison in landslide susceptibility mapping in Central Nepal Himalaya, *Arabian Journal of Goesciences*, Vol. in press, No. , pp. , 1.141
52. Fazel Amiri, Abdul Rashid Mohd Shariff, Taybeh Tabatabaie, **Biswajeet Pradhan**, (2013), A geospatial model for the optimization grazing management in semi-arid rangeland of Iran, *Arabian Journal of Goesciences*, Vol. in press, No. , pp. , 1.141
53. Krishna Chandra Devkota, Amar Deep Regmi, Hamid Reza Pourghasemi, Kohki Yoshida, **Biswajeet Pradhan**, In Chang Ryu, Megh Raj Dhital, Omar F. Althuwaynee, (2013), Landslide susceptibility mapping using certainty factor, index of entropy and logistic regression models in GIS and their comparison at Mungling-Narayanghat road section in Nepal Himalaya, *Natural Hazards*, Vol. 65, No. 2013, pp. 135-165, 1.529
54. Amar Deep Regmi, Kohki Yoshida, Hidehisa Nagata, Ananta Man Singh Pradhan, **Biswajeet Pradhan**, Hamid Reza pourghasemi, (2013), the relationship between seology and rock weathering on the rock instability along Mugling-Narayanghat road corridor, Central Nepal himalaya, *Natural Hazards*, Vol. 66, No. 2013, pp. 501-532, 1.529

55. Hojjat Ollah Safari, Saied Pirasteh, **Biswajeet Pradhan**, Hossein Amid, (2013), Geohazard analysis of Pisa tunnel in a fractured incompetent rocks in Zagros Mountain, Iran, Arabian Journal of Geosciences, Vol. 6, No. 2013, pp. 1101-1112, 1.141
56. Azadeh ghiyamat, **Helmi Zulhaidi Mohd Shafri**, Ghafour Amouzad Mahdiraji, Abdul Rashid M. Shariff, Shattri Mansor, (2013), Hyperspectral discrimination of tree species with different classification using single-and multiple-endmember, International journal Of Applied Earth Observation and Geoinformation, Vol. 23, No. 2013, pp. 177-191, 1.744
57. Alireza Hamedianfar, **Helmi Z.M. Shafri**, (2013), Development of fuzzy rule0based parameters for urban object-oriented classification using very high resolution imagery, Geocarto International, Vol. in press, No. , pp. ,
58. Syuhada N, **Ahsan A**, Thomas U. A, Imteaz M, Ghazali A. H, (2013), A low cost solar still for pure water production, Journal of Food, Agriculture and Environment, Vol. 11, No. 2, pp. 990-994, 0.435
59. Rahman A. S, Rahman A, Zaman M. A, Haddad K, **Ahsan A**, Imteaz M., (2013), A Study on selection of probability distributions for at-site flood frequency in Australia, Natural Hazards, Vol. in press, No. , pp. , 1.639
60. **Ahsan A**, Rahman A, Shanableh A, Nik Daud N.N, Mohamed T. A, Mabrouk A. A, (2013), Life cycle cost analysis of a sustainable solar water distillation technique, Desalination and Water Treatment, Vol. in press, No. , pp. , 0.852
61. **Ahsan A**, Imteaz M, Thomas U.A, Azmi M, Rahman A, Nik Daud N.N, (2013), Parameters affecting the performance of low cost solar still, Applied Energy, Vol. in press, No. , pp. , 4.781
62. **Yusoff Z.M**, Ngwenya B.T, Parsons I, (2013), Mobility and fractionation of REEs suding deep weathering of geochemically contrasting granites in a tropical setting, Malaysia, Chemical Geology, Vol. 349-350, No. , pp. 71-86, 3.154
63. Amini A, Melville B. W, **Ali T. M**, Ghazali A.H, (2013), Closure to 'clear-water local scour around pile groups in shallow-water flow', Journal of Hydraulic Engineering, Vol. 139, No. 6, pp. 680-681, 1.276
64. Noorvand H, **Ali A. A. A**, Demirboga R, Noorvand H, Farzadnia N, (2013), Physical and chemical characteristics of underground palm oil fuel ash cement mortars with nanosilica, Construction and Building Materials, Vol. 48, No. , pp. 1104-1113, 2.293
65. Noorvand H, **Abang Ali A. A**, Demirboga R, Farzadnia N, Noorvand H, (2013), incorporation of nano TiO2 in black rice husk ash mortars, Construction and Building Materials, Vol. 47, No. , pp. 1350-1361, 2.293
66. Farzadnia nN, **Abang Ali A. A**, Demirboga R, (2013), Characterization oh high strength mortars with nano alumina at elevated temperatures, Cement and Concrete Research, Vol. 54, No. , pp. 43-54, 3.112
67. Daqamseh S.T, **Mansor S**, Pradhan B, Billa L, Mahmud A. R, (2013), Potential fish habitat mapping using MODIS-derived sea surface salinity, temperature and cholophyll_a data: South China Sea Coastal Areas, Malaysia, Geocarto International, Vol. 28, No. 6, pp. 546-560, 0.575
68. Che Mat R, Shariff A.R.M, **Pradhan B**, Mahmud A.R, Shafry M, Rahim M, Rehman A, (2013), A comparison between four-tier framework and three-tier framework for online application of 3D GIS visualization, Life Science Journal, Vol. 10, No. 3, pp. 1534-1540, 0.165
69. Al-shariff A.A.A, **Pradhan B**, Shafri H.Z.M, Mansor S, (2013), Spatio-temporal analysis of urban and population growths in tripoli using remotely sensed data and GIS, Indian journal of Science and Technology, Vol. 6, No. 8, pp. 5134-5142,
70. Neshat A, **Pradhan B**, Pirasteh S, Shafri H. Z. M., (2013), Estimating groundwater vulnerability to pollution using a modified DRASTIC model in the Kerman agricultural area, Iran, Environmental Earth Sciences, Vol. in press, No. , pp. , 1.445
71. Kabiri K, **Pradhan B**, Shafri H. Z.M, Mansor S. B, Samimi-Namin K, (2013), A novel approach to estimate diffuse attenuation coefficeints for QuickBird Satellite Images: A case study at Kish Islan, the Persian Gulf, Journal of the Indian Society of Remote Sensing, Vol. in press, No. , pp. , 0.344
72. Safaei M, **Omar H**, Yousof Z. B. M, Motevalli A, (2013), Application of a physically based model for terrain stability mapping in northern Iran, Electronic Journal of Geotechnical Engineering, Vol. 18L, No. , pp. 2443-2454,

73. **Hejazi F**, Toloue I, Jaafar M. S, Noorzaei J, (2013), Optimization of earthquake energy dissipation system by genetic algorithm, *Computer-Aided Civil and Infrastructure Engineering*, Vol. 28, No. 10, pp. 796-810, 4.46
74. **Aziz F.N. A. A**, Moradipour P, Noorzaei J, Jaafar M.S, (2013), An improved computational method in structural dynamics, *Journal Of Engineering, Design and Technology*, Vol. 11, No. 3, pp. 288-315,
75. Alhozaimey A, Fares G, Al-negheimish A, **Jaafar M. S**, (2013), The autoclaved concrete industry: an easy-to-follow method for optimization and testing, *Construction and Building Materials*, Vol. 49, No. , pp. 184-193, 2.293
76. Abdulrazeg A.A, Noorzaei J, **Mohammad T. A**, Jaafar M.S, (2013), Modeling of combined thermal and mechanical action in roller compacted concrete by three-dimensional finite element method, *Structural Engineering and Mechanics*, Vol. 47, No. 1, pp. 001-025, 0.766
77. Davoodi S. R, **Hamid H**, (2013), Motorcyclist braking performance in stopping distance situations, *Journal of Transportation Engineering*, Vol. 139, No. 7, pp. 660-666, 0.863
78. **Muniandy R**, Aburkaba E, Taha R, (2013), Effect of mineral filler type and particle size on the engineering properties of stone mastic asphalt pavements, *Journal of Engineering Research*, Vol. 10, No. 2, pp. 13-32,
79. Kheradmand B, **Muniandy R**, Hua L.T, Yunus R.B, Solouki A, (2013), An overview of the emerging warm mix asphalt technology, *International Journal of Pavement Engineering*, Vol. in press, No. , pp. , 0.745
80. Alvan H.V, Azad F.H, **Mansor S**, (2013), Latent heat flux and air temperature anomalies along an active fault zone associated with recent Iran earthquake, *Advances in Space Research*, Vol. 52, No. 9, pp. 1678-1687, 1.183
81. Al-Shalabi M, Billa L, **Pradhan B**, Mansor S, Al-Shariff A.A.A, (2013), Modelling urban growth evolution and land-use changes using GIS based cellular automata and SLEUTH models: the case of Sana'a metropolitan city, Yemen, *Environmental Earth Sciences*, Vol. 70, No. 1, pp. 425-437, 1.445
82. Ziaei Z, **Pradhan B**, Mansor S. B, (2013), A rule-based parameter aided with object-based classification approach for extraction of building and roads from Worldview-2 Images, *Geocarto International*, Vol. in press, No. , pp. , 0.575
83. Mohammed Idrees, **Helmi Zulhaidi Mohd Shafri**, Vahideh Saeidi, (2013), Imaging Spectroscopy and light detection and ranging data fusion for urban features extraction, *American Journal of Applied Sciences*, Vol. 10, No. 12, pp. 1575-1585,
84. Pourghasemi, H.R., Moradi, H.R., Fatemi Aghda, S.M., Jirandeh, A.G., **Pradhan, B.**, Sezer, E.A., Gokceoglu, C., , (2013), Assessment of fractal dimension and geometrical characteristics of the landslides identified in North of Tehran, Iran, *Environmental Earth Sciences*, Vol. in press, No. , pp. , 1.445
85. Pourghasemi, H.R., **Pradhan, B***, Gokceoglu, C., Moezzi, K.D. , (2013), A comparative assessment of prediction capabilities of Dempster-Shafer and weights of evidence models in landslide susceptibility mapping using GIS, *Geomatics, Natural Hazards and Risk*, Vol. 4, No. 2, pp. 93-118, 0.9
86. Tehrany, M.S., **Pradhan*, B.**, Jebur, M.N., , (2013), Spatial prediction of flood susceptible areas using rule based decision tree (DT) and ensemble bivariate and multivariate statistical models, *Journal of Hydrology*, Vol. 504, No. 2013, pp. 69-79, 2.964
87. Jebur, M.N., **Shafri, H.Z.M.**, Pradhan*, B., Tehrany, M.S., , (2013), Per-pixel and object-oriented classification methods for mapping urban land cover extraction using SPOT 5 imagery, *Geocarto International*, Vol. in press, No. , pp. , 0.575
88. Jebur, M.N., **Pradhan*, B.**, Tehrany, M.S., , (2013), Detection of vertical slope movement in highly vegetated tropical area of Gunung pass landslide, Malaysia, using L-band InSAR technique, *Geosciences Journal*, Vol. in press, No. , pp. , 0.618
89. Shoa, Z.T., Nateghi, S., Nohegar, H., Amiri, F., **Pradhan, B**, (2013), Sediment yield assessment at basin scale using geospatial technique, *Arabian Journal of Geosciences*, Vol. in press, No. , pp. , 0.74
90. Xu, C., Xu, X., Pourghasemi, H.R., **Pradhan, B.**, Iqbal., J. , (2013), Volume, gravitational potential energy reduction, and regional centroid position change in the wake of landslides triggered by the 14 April 2010 Yushu earthquake of China, *Arabian Journal of Geosciences*, Vol. in press, No. , pp. , 0.74

91. Idrees, M.O., Saeidi, V., Yusuf, Y.A., **Pradhan*, B.**, (2013), Advanced differential interferometry SAR techniques for deformation monitoring: A review on sensors and recent research development, *Geocarto International*, Vol. in press, No. , pp. , 0.575
92. Alsharif, AAA., **Pradhan, B*.**, (2013), Urban Sprawl Analysis of Tripoli Metropolitan City (Libya) Using Remote Sensing Data and Multivariate Logistic Regression Model, *Journal of the Indian Society of Remote Sensing* , Vol. in press, No. , pp. , 0.344
93. Alsharif, AAA., **Pradhan, B*.**, (2013), Monitoring and Predicting Land Use Change in Tripoli Metropolitan City Using an Integrated Markov Chain and Cellular Automata Models in GIS, *Arabian Journal of Goesciences*, Vol. In press, No. , pp. , 0.74
94. Krami, L.K., Amiri, F., Sefiyanian, A., Shariff, A.R.M., Tabatabaie, T., **Pradhan, B.**, (2013), Spatial patterns of heavy metals in soil under different geological structures and land uses for assessing metal enrichments, *Environmental monitoring and assessment*, Vol. in press, No. , pp. , 1.592
95. Khosrokhani, M., **Pradhan*, B.**, (2013), Spatio-temporal assessment of soil erosion at Kuala Lumpur metropolitan city using remote sensing data and GIS, *Geomatics, Natural Hazards and Risk*, Vol. in press, No. , pp. , 0.9
96. Zare, M., Pourghasemi, H.R., Vafakhah, M., **Pradhan, B*.** (2013), Landslide susceptibility mapping at Vaz watershed (Iran) using an artificial neural network model: a comparison between multi-layer perceptron (MLP) and radial basic function (RBF) algorithms, *Arabian Journal of Goesciences*, Vol. in press, No. , pp. , 0.7
97. AlRawashdeh, S., Ruzouq, R., Al-Fugara, A., **Pradhan, B.***, Ziad, S.H.A., Ghayda, A.R., (2013), Monitoring of Dead Sea water surface variation using multi-temporal satellite data and GIS, *Arabian Journal of Goesciences*, Vol. in press, No. , pp. , 0.7
98. Manap, M.A., Nampak, H., **Pradhan, B*.**, Lee, S., Sulaiman, W.N.A., Ramli, M.F. (2013), Application of probabilistic-based frequency ratio model in groundwater potential mapping using remote sensing data and GIS, *Arabian Journal of Goesciences*, Vol. in press, No. , pp. , 0.74
99. Pourghasemi, H.R., **Pradhan, B*.**, Gokceoglu, C., Mohammadi, M. (2013), Application of weights-of-evidence model in landslide susceptibility mapping (Haraz Watershed, Iran), *Arabian Journal of Goesciences*, Vol. in press, No. , pp. , 0.74
100. Mohd Ali Fullazzaky, Mohd Hairul Khamidun, **Badronnisa Yusuf**, (2013), Sediment traps from synthetic construction site stormwater runoff by grassed filter strip, *Journal of Hydrology*, Vol. 502, No. , pp. 53-61, 2.964
101. Seyed Farzin Faezi, **Hussain Hamid**, Hamed Khani Sanij, (2013), Development of Service Performance Model for Exclusive Motorcycle Lanes, *Science International Journal*, Vol. 25, No. 3, pp. 461-468,
102. Solmaz S., **Hussain H.**, Sulisty A., Law T.H., Seyed Rasoul D., (2013), Effects of Traffic and Road Factors on Motorcycling Safety Perception, *Proceedings of the ICE-Transport*, Vol. 166, No. 5, pp. 289-293, 0.295
103. Billa, L. and **Pradhan, B*.** (2013), GIS modeling for selection of a transfer station site for residential solid waste separation and recycling, *Pertanika Journal of Science & Technology*, Vol. 21, No. 1, pp. 477-488,
104. Khalid Biro, **Biswajeet Pradhan**, hussein Suleiman, Manfred buchroithner, (2013), Exploitation of TerraSAR-X Data for land use/land cover analysis using object-oriented classification approach in the African Sahel Area, Sudan, *Journal Indian Society remote Sensing*, Vol. 41, No. 3, pp. 539-553, 0.344
105. Regmi, A.D., Yoshida, K., Dhital, M.R., **Pradhan, B*.** (2013), Weathering of gneissic rocks and its role in landslide formation in Higher Himalaya, Eastern Nepal, *Environmental Earth Sciences*, Vol. in press, No. , pp. , 1.445
106. T. Arunkumar, **Amimul Ahsan**, (2013), Effect of water flow on the concentrator coupled hemispherical basin solar still, *International journal of Applied and Natural Sciences (IJANS)*, Vol. 2, No. 1, pp. 23-28,
107. M. Mahmudur Rahman, Q. Hamidulbari, Noor Mohammad, **Amimul Ahsan**, Haninur Rahman Sobuz, Md. Alhaz Uddin, (2013), Characterization of Rice Husk carbon produced through simple technology, *Advances in Materials science and Application*, Vol. 2, No. 1, pp. 25-30,
108. K. M. Darain, A. B. M. S Rahman, **A. Ahsan**, A.B.M.S.Islam, B. yusuf, (2013), Brick manufacturing practice in Bangladesh : A review of energy efficacy and air pollution scenarios, *Journal of Hydrology and Environment Research*, Vol. 1, No. 1, pp. 60-69,

109. Cindy Liew, **Nuzul Azam Haron**, (2013), Factors influencing the rise of house price in Klang Valley, *International Journal of Research in Engineering Nad Technology*, Vol. 2, No. 10, pp. 261-272, 1.962
110. A.S.N Huda, S. Mekhilef, **A. Ahsan**, (2013), Biomass energy in Bangladesh: Current status and prospects., *Renewable and Sustainable Energy Reviews*, Vol. in press, No. , pp. , 5.627
111. Kh. Mahfuz ud Darain, **Amimul Ahsan**, A.B.M. Saiful Islam, (2013), assessing structural damages of a heritage building, *Research in Civil and Environmental Engineering*, Vol. 2013, No. 4, pp. 226-233, 0.301
112. Hassan A. Arafata, Kenan Jijaklia, **Amimul Ahsan**, (2013), Environmental performance and energy recovery potential of five processes for municipal solid waste treatment, *Journal of Cleaner Production*, Vol. in press, No. , pp. , 3.398
113. Amir Fateh , **Farzad Hejazi**, Abdilahi Bashir Omer, Mohd Saleh Jaafar, 2013, Seismic Response Evaluation of Reinforced Structure with Embedded Viscous Damper in Shear Wall, *International Journal of Advancements Civil Structural and Environmental Engineering*, Vol.1, No. 1, pp.109-112
114. Iraj Toloue, **Farzad Hejazi**, Chin Chee Huan, Mohd Saleh Jaafar, 2013, Evaluation of the effect of shear wall distribution in seismic response of precast framed structure, *International Journal of Advancements Civil Structural and Environmental Engineering*, Vol.1, No. 1, pp.62-65
115. Ehsan Nikbakht, Khalim Rashid, **Farzad Hejazi**, Siti Aminah Osman, Iman Mohseni, 2013, Seismic performance of self-centring precast posttensioned bridge columns with SMA bars, *International Journal of Advancements Civil Structural and Environmental Engineering*, Vol.1, No. 1, pp.24-27
116. Ehsan Nikbakht, Khalim Rashid, **Farzad Hejazi**, Siti Aminah Osman, Iman Mohseni, 2013, Nonlinear finite element analysis of PC segmental bridge columns subjected to quasi-static loading, *International Journal of Advancements Civil Structural and Environmental Engineering*, Vol.1, No. 1, pp.28-31
117. Zailani Khuzaimah, Mohd Hasmadi Ismail, Shattri Mansor, 2013, The Impaction Biodiversity Disturbance In Mangrove Ecosystemsocio-Economic Activities In Sg Merbok Forest Reserve, *International Geoinformatics Research and Development Journal*, Vol. 4, Issue 4.
118. Jwan Al-doski, Shattri.B Mansor, Helmi Zulhaidi Mohd Shafri, 2013, NDVI Differencing and Post-Classification to Detect Vegetation Changes in Halabja City, Iraq, *IOSR Journal of Applied Geology and Geophysics (IOSR-JAGG)*, Volume 1, No.2, pp1-10
119. Jwan Al-doski, Shattri B. Mansor and Helmi Zulhaidi Mohd Shafri, 2013, Monitoring Land Cover Changes in Halabja City, Iraq, *International Journal of Sensor and Related Networks (IJSRN)*, Vol.1, No.1
120. Jwan Al-doski, Shattri.B Mansor, Helmi Zulhaidi Mohd Shafri, 2013, War Impacts Studies Using Remote Sensing, *IOSR Journal of Applied Geology and Geophysics (IOSR-JAGG)*, Vo.1, No.2, pp 11-15
121. Ng CP1, Law TH, Wong SV, Kulanthayan S., 2013, Factors Related To Seatbelt-Wearing Among Rear-Seat Passengers in Malaysia, *Accident Analysis and Prevention*, Vol.50, No.1, pp351-60, 1.867
122. Teik Hua Law, Robert B. Noland, Andrew W. Evans, 2013, Factors Associated with the Enactment of Safety Belt and Motorcycle Helmet Laws, *Risk Analysis*, Vol. 33, No. 7, pp 1367–1378, 2.278
123. Mohammad Panjehpour, Abang Abdullah Abang Ali, and Yen Lei Voo, 2013, Structural Insulated Panels: Past, Present, and Future, *Journal of Engineering, Project, and Production Management*, Vol.3, No.1, pp2-8
124. Panjehpour Mohammad, Abang Ali, Abang Abdullah, 2013, A Review of Prefab Home And Relevant Issues, *Constructii*, Vol. 14, No. 1, pp53
125. Nima Farzadniaa, Abang Abdullah Abang Ali, Ramazan Demirbogaa, 2013, Characterization of High Strength Mortars With Nano Alumina At Elevated Temperatures, *Cement and Concrete Research*, Vol.54, Pages 43–54, 3.112
126. Shahrar Shahbazpanahi, Abang Abdullah Abang Ali, FN Aznieta, A Kamgar, Nima Farzadnia, 2013, Modelling of the fracture process zone to improve the crack propagation criterion in concrete, *Journal of the South African Institution of Civil Engineers*, Vol.55, No.3, pp2-9, 0296
127. Zohreh Pourzolfaghar, Rahinah Ibrahim, Rusli Abdullah, Nor Mariah Adam and Abang Abdullah Abang Ali, 2013, Improving Dynamic Knowledge Movements with a Knowledge-Based Framework during Conceptual Design of a Green Building Project, *International Journal of Knowledge Management (IJKM)*, Vol. 9, No.2, pp 62-79

128. Mohd Syazwan Md. Rahim, Nuzul Azam Haron, 2013, Construction Cost Comparison Between Conventional and Formwork System for Condominium Project, *International Journal of Computer Science & Engineering*, Vol. 2, No. 5, pp 19-25
129. Ebrahim Taherzadeh, Helmi Z. M. Shafri, 2013, Development of a Generic Model for the Detection of Roof Materials Based on an Object-Based Approach Using WorldView-2 Satellite Imagery, *Advances in Remote Sensing*, Vol.2, No.4, pp 312-321.

Prosiding/Proceedings

1. Teruyuki Fukuhara, Hiroaki Terasaki, Takahiro Yamaji, **Amimul Ahsan**, Cost and production performance of a tubular solar still, 2013 1st International Conference & Exhibition on the Applications of Information Technology to Renewable Energy Process, Amman, 29-31 May 2013
2. Mohd Armi samah, Latifah Abd Manaf, Agamuthu p, Wan Nor Azmin Sulaiman, **Amimul Ahsan**, An expert system for real time optimization of solid waste management in Balakong, Selangor, International Conference on Waste Management and Environment, Universiti Malaya, 26-27 Ogos 2013
3. **Nik N. Nik Daud**, Nur H. Izehar, B. Yusuf, Thamer A. Mohamed, A. Ahsan, Groundwater Quality Improvement by using Aeration and Filtration Methods, *World Academy of Science, Engineering and Technology*. Issue 78, ICCEIE 2013: International Conference on Civil, Environmental and Infrastructure Engineering, Copenhagen, 2013
4. M.A. Imteaz, V. Uddameri, **A. Ahsan**, Modelling Pollutants Transport and Degradation through Wetlands, 20th International Congress on Modelling and Simulation, Adelaide, Australia, 1-6 December 2013
5. **Abang Abdullah Abang Ali** (2013) International benchmarking in higher education graduate mobility , *International Congress on Trends in Higher Education (ICTHE2013) Innovative and Entrepreneur University - Keynote Speaker, 31 May - 1 June 2013, Istanbul, Turkey.*
6. Moslih Amer Salih, Abang **Abdullah Abang Mohammad Ali**, Mustafa Al Bakri, **Ramazan Demirboga** (2013) Micro and Nano Structural Properties of Palm Oil Fuel Ash Geopolymer Cement, *9th Nanoscience and Nanotechnology Conference (Nano-TR-09)*, Erzurum Turkey, 24-28 June 2013.
7. Moslih Amer Salih, **Abang Abdullah Abang Ali**, **Ramazan Demirboga** and Mustafa Al Bakri (2013) Properties of fresh palm oil fuel ash based geopolymer material, *International Conference of Advanced Materials Engineering and Technology (ICAMET 2013)*, 28-29 November 2013, Bandung Indonesia
8. **Abang Abdullah Abang Ali** (2013) Educating engineers for a sustainable future, *International Conference on Engineering Education 2013 (ICEE) Keynote Speaker, 25-27 December 2013, Madinah, Kingdom of Saudi Arabia.*

Buku/Books

1. Bujang Kim Huat, 2013, *Geotechnics of Organic Soils and Peat*, Taylor & Francis Group, ISBN 978-04-156-5941-3
2. Biswajeet Pradhan, 2013, *Terregenous Mass Movements*, Springer, ISBN 978-3-642-25495-6
3. Shattri Mansor, 2013, *Hyperspectral Imaging Processing and Applications*, Penerbit Press Universiti Teknologi Mara, ISBN 978-967-363-450-7

Bab dalam Buku/Chapter in Books

1. Amimul Ahsan, 2013, Effects of Stratification on multi-layered Tsunami waves, *Coastal Hazards*, pp. 735-749, Charles W. Finkl, Springer Netherlands, ISBN 978-94-007-5234-4
2. Biswajeet Pradhan, 2013, Landslide Susceptibility Mapping Along the National Road 32 of Vietnam Using GIS-Based J48 Decision Tree Classifier and Its Ensembles, *Cartography from Pole to Pole*, pp. 303-317, Dirk Burghardt, Springer Berlin Heidelberg, ISBN 978-3-642-32617-2

Lain-lain Penerbitan/Other publications

1. *Housing News*, HRC, ISSN: 1511-497x. Vol: 12, Januari-Jun 2013.
2. Abang Abdullah Abang Ali, *Making Houses More Affordable*, The New Straits Times, 9 April 2013.