

LIST OF PUBLICATIONS 2011

Journals

No.	Author(s)	Title	Publisher
1.	Muhammad Ridwan Fahmi, Nor Wahidatul Azura Zainon Najib, Pang Chan Ping, Nasrul Hamidin	Mechanism of Turbidity and Hardness Removal in Raw Water Sources by Moringa Oleifera	Scopus - Journal of Applied Science, Volume 11 (Article in press)
2.	Yahaya, A.S., Ramli, N.A., MD Yusof, N.F.F., Sansuddin, N., Ghazali, N.A., Al Madhoun, W.A., Tengku Izhar, T.N., Ahmad, F.	Comparison Between Generalized Lambda Distribution And Probability Distribution Techniques For Estimating Exceedences of CO Concentrations	Journal of Engineering Science and Technology
3.	Ong SA, Ho LN, Wong YS, Danny LG, Hafizah S (2011).	Semi-batch operated constructed wetlands planted with Phragmites Australis for treatment of dyeing wastewater.	Journal of Engineering Science and Technology (Taylor's University)
4.	Ong SA, Toorisaka E, Hirata M, Hano T (2011).	Studies on adsorption and biodegradation of chromium-containing wastewater by laboratory-scale sequencing batch reactor-powder activated carbon system.	Environmental Engineering and Management Journal, Accepted, (IF 2010: 1.435).
5.	Ong SA, Toorisaka E, Hirata M, Hano T (2011).	Study on a decolorization of Orange II using anaerobic sequencing batch reactor with and without co-substrates.	Journal of Environmental Sciences (Elsevier), Accepted, (IF 2010:1.513).
6.	Ong SA, Ho LN, Wong YS, Komalathevi R (2011)..	Performance and kinetic study on bioremediation of diazodye (Reactive Black 5) in wastewater using spent GAC-biofilm sequencing batch reactor	Water, Air and Soil Pollution (Springer), Accepted, (IF 2011: 1.765).
7.	Ong SA, Ho LN, Wong YS, Min OM, Fahmi MR (2011).	Solar photocatalytic degradation of azo dye Reactive Black 5 in aqueous suspension of TiO ₂ .	Journal of Water Reuse and Desalination (IWA Publishing), Accepted.
8.	Ain Nihla Kamarudzaman, Roslaili Abdul Aziz, and Mohd Faizal Ab Jalil	Removal of Heavy Metals from Landfill Leachate Using Horizontal and Vertical Subsurface Flow Constructed Wetland Planted with <i>Limnocharis flava</i>	International Journal of Civil & Environmental Engineering (IJCEE-IJENS) Vol. 11 (05), ISSN: 2077-1258

9.	Ling Wei Low, Tjoon Tow Teng, Anees Ahmad, Norhashimah Morad and Yee Shian Wong.	A Novel Pretreatment Method of Lignocellulosic Material as Adsorbent and Kinetic Study of Dye Waste Adsorption	Scopus- Journal of Water, Air and Soil Pollution, 218, page 293-306.
10.	H. Masitah, H.H. Bassim, A.A. Latif, M. Zulfakar, I. Naimah, M.Z.M. Salwa	Low cost removal of Reactive Orange 16 dye using cross-linked chitosan/oi palm ash composite beads.	Scopus - Journal of Applied Science, 11, 13 (2011) 2292-2298.
11.	Norazian Mohamed Noor, Cheng-yau Tan, Nor Azam Ramli, Ahmad Shukri Yahaya and Noor Faizah Fitri Md Yusof	Assessment of Various Probability Distributions to Model Pm10 Concentration for Industrialized Area in Peninsula Malaysia: A Case Study in Shah Alam and Nilai	Australian Journal of Basic and Applied Sciences, 5(12): 2796-2811, 2011 ISSN 1991-8178

Proceedings - Seminars – Conferences

No.	Author(s)	Title	Publisher
1	Norazian Mohamed Noor, Nor Azam Ramli, Ahmad Shukri Yahaya, Noor Faizah Fitri Md Yusof, Cheng Yau Tan	Prediction of exceedences concentration of PM10 in Industrialized Area in Malaysia: A Case Study in Shah Alam	Seminar Antabangsa Ke-4 Ekologi, habitat Manusia dan Perubahan Pesekitaran di Alam Melayu, 23-24 Mei 2011, Puri Pujangga, UKM, Bangi.
2	Norazian Mohamed Noor , Cheng Yau Tan, Mohd Mustafa Al Bakri Abdullah, Nor Azam Ramli and Ahmad Shukri Yahaya	Modelling of PM10 Concentration in Industrialized Area in Malaysia: A Case Study in Nilai	International Conference on Environment and Industrial Innovation (ICEII) 2011, 17 – 19 June 2011, Mines Wellness Hotel, Kuala Lumpur.
3	Norazian Mohamed N.a*, M.M.A. Abdullaha, Cheng-yau Tanb,N.A. Ramlic, A.S. Yahayac, N.F.M.Y.Fitric	Modelling of PM10 concentration for industrialized area in Malaysia: A case study in Shah Alam	2011 International Conference on Physics Science and Technology (ICPST 2011) December 12-13, 2011, Hong Kong
4	Ain Nihla Kamarudzaman, Mohd. Abd. Hafiz Zakaria, Roslaili Abdul Aziz and Mohd Faizal Ab Jalil	Study the Accumulation of Nutrients and Heavy Metals in the Plant Tissues of Limnocharis flava Planted in Both Vertical and Horizontal Subsurface Flow Constructed Wetland	International Conference on Environment and Industrial Innovation (ICEII 2011), Mines Wellness Hotel, Seri Kembangan, Selangor , 17 - 19 Jun, 2011

5	Nur Liza Rahim, Norlia Mohamad Ibrahim, Roshazita Che Amat	Analysis of Sediment Movement at Sg. Perlis: Deposition or Erosion	Malaysia Technical Universities International Conference on Engineering & Technology (MUiCET 2011), Katerina Hotel, Batu Pahat, Johor, 13 – 15 November 2011
6	Sara Yasina Yusuf, Luqman Chuah Abdullah, Mohd. Rashid Mohd. Yusof, Suhaimi Hamzah, Thomas Choong Shean Yaw	Elemental Characterization of PM _{2.5} and PM _{2.5-10} (Particulate Matter) in Kuala Lumpur	Malaysia Technical Universities International Conference on Engineering & Technology (MUiCET 2011), Katerina Hotel, Batu Pahat, Johor, 13 – 15 November 2011
7	Nabilah Aminah Lutpi, Teong Hui Yin, Wong Yee Shian, Ain Nihla Kamarudzaman	Removal of Methylene Blue Using Pineapple Peel Powder as Adsorbent.	3 rd CUTSE International Conference (CUTSE 2011), 8-9 November, Miri, Sarawak.
8	Nabilah Aminah Lutpi, Pravin Segaran A/L Segaran	A study on Tropical Mineral Soil Characteristics for Carbonation Process.	3 rd CUTSE International Conference (CUTSE 2011), 8-9 November, Miri, Sarawak.
9	L.Nabilah Aminah and M.N. Mohd Khairul Izaat.	Efficiency of Lateritic Soil for the Removal of Zinc from Wastewater.	Malaysian Technical Universities International Conference on Engineering & Technology (MUiCET 2011), 13-15 November, Batu Pahat, Johor.
10	Roshazita Che Amat, Norlia Mohamad Ibrahim, Khairul Rafezi Ahmad, Nur Liza Rahim, Salwa Mohd Zaini Makhtar, Tengku Nuraiti Tengku Izhar, D.Fatimah Zahara Natasyaida Idris Ali	Used of Recycled Coarse Aggregate from demolition Waste In Cement Composite	Universiti Malaysia Terengganu 10th International Annual Symposium (UMTAS 2011), Permai Hotel, Kuala Terengganu, Terengganu, 11-13 July 2011
11	Roshazita Che Amat, Norlia Mohamad Ibrahim, Khairul Rafezi Ahmad, Nur Liza Rahim, Salwa Mohd Zaini Makhtar, Tengku Nuraiti Tengku Izhar, Nor Aisyah Jusoh	Influence of Mineral Additions On The Recycled Aggregate Concrete	Mineral Symposium (SIMPOMIN 2011), Tower Regency Hotel, Ipoh, Perak, 18-20 October 2011
12	M.I. Norlia ¹ , C.A. Roshazita ² , T.I.T. Nuraiti ³ , M.Z.M. Salwa ⁴ , M.S.S. Fatimah ⁵	Preparation and Characterisation of Activated Carbon from Rambutan Seed (<i>Nephelium Lappaceum</i>) by Chemical Activation	Universiti Malaysia Terengganu Annual Symposium 2011

13	A. Norlia Mohamad Ibrahim ^{1,*} , B. Roshazita Che Amat ¹ and C. Nur Liza Rahim ¹ , D. Salwa Mohd Zaini Makhtar ¹ and E. Tengku Nuraiti Tengku Izhar ¹	Column Study On Removal of Chemical Oxygen Demand, Ammoniacal Nitrogen And Turbidity Using Mixed Media From Landfill Leachate.	Malaysia Technical Universities International Conference on Engineering & Technology (MuiCET 2011), Katerina Hotel, Batu Pahat, Johor, 13 – 15 November 2011
14	Tengku Nuraiti Tengku Izhar, Norlia Mohamad Ibrahim and Nurul Asikin Mokthi	A Study on Odour Nuisance Near Open Dump Landfill.	Universiti Malaysia Terengganu 10 th International annual Symposium (UMTAS 2011), 2011, 11 th – 113 th July.
15	Tengku Nuraiti Tengku Izhar, Norlia Mohamad Ibrahim, Roshazita Che Amat, Salwa Mohd Zaini Makhtar, Siti Dzulaiha Abidin	Air Quality Study At Residential Area Near Cement Plant	Mineral Symposium 2011 (SYMPOMIN 2011) 18-20 Oct 2011
16	Wong YS, Ong SA, Lim KK, Lee HC (2011).	Acclimatization and performance study of acidogenesis anaerobic degradation process for palm oil mill effluent,	International Conference on Environment and Industrial Innovation, Kuala Lumpur, Malaysia, June 4th – 5th.
17	Ong SA, Ho LN, Wong YS, Chen SF, Bahari R (2011).	Performance evaluation on phytoremediation of mono azo (Methyl Orange)-containing wastewater using recirculated up-flow constructed wetland,	14th Asian Chemical Congress 2011 (14 ACC), Bangkok, Thailand, Sept 5th – 8th.
18	Ho LN, Chua PI, Hakimah O, Ong SA (2011).	Photocatalytic Degradation of Dye ByTitania Loaded Biomaterials Under Solar Light	14th Asian Chemical Congress 2011 (14 ACC), Bangkok, Thailand, Sept 5th – 8th.
19	Muhammad Ridwan F, AznerAbidin CZ, Rahmat NR, Ong SA (2011).	Study of advanced oxidation process and biological treatment mechanisms for azo dye industrial effluent	3rd International Congress on Green Process Engineering, Kuala Lumpur, Malaysia, Dec 6th – 8th.
20	Fahmi Muhammad Ridwan	Multi-stage Advanced Oxidation Process and Biological Treatment for Water and Wastewater Treatment (Keynote Speech)	2011 International Conference on Biotechnology and Environmental Management (ICBEM 2011), September 16-18, 2011, Singapore

21	Fahmi Muhammad Ridwan, Che Zulzikrami Azner Abidin, Nazerry Rosmady Rahmat	Characteristic of Colour and COD Removal of Azo Dye by Advanced Oxidation Process and Biological Treatment	2011 International Conference on Biotechnology and Environmental Management (ICBEM 2011), September 16-18, 2011, Singapore
22	Fahmi Muhammad Ridwan, Che Zulzikrami Azner Abidin, Apipah Ariffin, Suhaida Mohamed Arshad.	Ozonation and Biological Treatment for the Removal of Azo Dye Industrial Effluent,	International Postgraduate Conference (IPCE 2011), 22-23 October 2011, Unimap, Perlis
23	Meutia Nurfahasdi, Fahmi Muhammad Ridwan, Salsuwanda Selamat	Extraction and Characterization of Coagulation Active Agent from Moringa Oleifera for Turbidity and Hardness Removal in Raw Water Sources,	International Postgraduate Conference (IPCE 2011), 22-23 October 2011, Unimap, Perlis
24	AznerAbidin CZ, Muhammad Ridwan F, Ong SA, Rahmat NR (2011).	Treatment of Reactive Red 120 by O ₃ and O ₃ /H ₂ O ₂ process under batch conditions	2nd International Chemical and Environmental Engineering Conference, Kuala Lumpur, Malaysia, Nov 25th – 27th.
25	Che Zulzikrami Azner Abidin, Fahmi Muhammad Ridwan, Ong Soon An, Nazerry Rosmady Rahmat. Nazerry Rosmady Rahmat	Degradation of Reactive Red 120 by O ₃ and O ₃ /H ₂ O ₂ Process	International Postgraduate Conference (IPCE 2011), 22-23 October 2011, Unimap, Perlis
26	Che Zulzikrami Azner Abidin, Fahmi Muhammad Ridwan.	Characteristic of COD and Colour Removal of Azo Dye in Ozonation and Biological Treatment	National Postgraduate Conference, 19-20 September 2011, UTP Tronoh, Perak
27	Min OM, Ong SA, Ho LN, Wong YS (2011).	TiO ₂ –assisted photocatalytic degradation of azo dyes under solar light irradiation	2nd International Chemical and Environmental Engineering Conference (ICEEC 2011), Kuala Lumpur, Malaysia, Dec 21st – 23rd.
28	Ain Nihla Kamarudzaman, Nor Shazwani Ismail, Roslaili Abdul Aziz and Mohd Faizal Ab Jalil	Removal of Nutrients from Landfill Leachate Using Subsurface Flow Constructed Wetland Planted With <i>Limnocharis flava</i> and <i>Scirpus atrovirens</i>	4th International Conference on Environmental and Computer Science (ICECS 2011), IPCBEE vol.19(2011) © (2011) IACSIT Press, Paramount Hotel, Singapore, 16 – 18 September, 2011

29	Ain Nihla Kamarudzaman, Voon Kim Feng, Roslaili Abdul Aziz and Mohd Faizal Ab Jalil	Study of Point and Non Point Sources Pollution – A Case Study of Timah Tasoh Lake in Perlis, Malaysia	4th International Conference on Environmental and Computer Science (ICECS 2011), <i>IPCBE</i> vol.19(2011) © (2011) IACSIT Press, Paramount Hotel, Singapore, 16 – 18 September, 2011
30	Mohd Faizal Ab Jalil, Ain Nihla Kamarudzaman, Roslaili Abdul Aziz	Pemetaan Status Kualiti Air Lembangan Sungai Perlis	Persidangan Kebangsaan Masyarakat, Ruang dan Alam Sekitar, (<i>MATRA 2011</i>), Hotel Vistana, Pulau Pinang, 16 – 17 November, 2011.
31	Ain Nihla Kamarudzaman, Mohd Faizal Ab Jalil , Roslaili Abdul Aziz	Removal Of Heavy Metals From Landfill Leachate Using Horizontal Subsurface Flow Constructed Wetland Planted With <i>Limnocharis Flava</i> And <i>Scirpus Atrovirens</i>	Persidangan Kebangsaan Masyarakat, Ruang dan Alam Sekitar, (<i>MATRA 2011</i>), Hotel Vistana, Pulau Pinang, 16 – 17 November, 2011.
32	Ain Nihla Kamrudzaman, Mohd. Abd Hafiz Zakaria, Roslaili Abdul Aziz and Mohd. Faizal Ab Jalil	Removal of Iron (Fe) from Landfill Leachate Using Horizontal and Vertical Subsurface Flow Constructed Wetland System Planted With <i>Limnocharis Flava</i>	2 nd International Chemical and Environmental Engineering Conference (ICEEC 2011), Hotel Concorde, Kuala Lumpur, 21 - 23 December, 2011
33	Ain Nihla Kamrudzaman, Ahmad Muktar Ahmad Nordin, Roslaili Abdul Aziz and Mohd. Faizal Ab Jalil	Mapping Status for River Water Quality Index of Sungai Merbok, Kedah, Malaysia	2 nd International Chemical and Environmental Engineering Conference (ICEEC 2011), Hotel Concorde, Kuala Lumpur, 21 - 23 December, 2011
34	Roslaili Abdul Aziz, Ain Nihla Kamarudzaman, Nur Asmalini Kamaruddin and Mohd Nazry Salleh	Study on Phytoremediation Performance and Heavy Metals Uptake in Leachate by Reed Beds Plant	International Conference on Environmental, Biomedical and Biotechnology (ICEBB 2011), <i>IPCBE</i> vol.16 (2011) © (2011) IACSIT Press, Shanghai, China. 19 - 21, August, 2011.
35	Yee Shian Wong, Soon An Ong, Kok Keat Lim and Hong Chen Lee.	Acclimatization and Performance Study of Acidogenesis Anaerobic Degradation Process for Palm Oil Mill Effluent	International Conference on Environment and Industrial Innovation (ICEII) 2011, 17 – 19 June 2011, Mines Wellness Hotel, Kuala Lumpur.