

LIST OF PUBLICATIONS 2009

Journals

No.	Author(s)	Title	Publisher
1.	Yee Shian Wong, Mohd Omar A.B. Kadir, Tjoon Tow Teng	Biological kinetics evaluation of anaerobic stabilization pond treatment of palm oil mill effluent	Bioresource Technology 100 (2009) 4969–4975
2.	Khairuddin Md Isa, Maung Maung Soe, Mohd Asri Abdul rahim, Mohd Fauzi Abdullah, Khudzir Ismail, Razi Ahmad, Saiful Azhar Saad	Characterization and thermal degradation of rice husk via TGA	International Review of Chemical Engineering Rapid Communications (IRECHE) 2009 1(4) 334-338

Proceedings - Seminars – Conferences

No.	Author(s)	Title	Publisher
1.	Masitah Hasan, Bassim H. Hameed, Abd. Latif Ahmad	Application in Fixed Bed Systems of Adsorbents Obtained from Chitosan and Oil Palm Ash	4th International Conference on Recent Advances in Materials, Minerals and Environment and 2nd Asian Symposium on Materials and Processing (RAMM & ASMP 2009)
2.	Masitah Hasan, Bassim H. Hameed, Abd. Latif Ahmad	Adsorption of reactive black 5 from aqueous solution by cross-linked chitosan/oil palm ash composite beads	Second International Conference and Workshops on Basic and Applied Sciences and Regional Annual Fundamental Science Seminar 2009 (ICORAFSS 2009), pp.40
3.	Masitah Hasan, Bassim H. Hameed, Abd. Latif Ahmad	Low Cost Removal Of Reactive Orange 16 Dye Using Cross-Linked Chitosan/Oil Palm Ash Composite Beads	The 2nd Symposium Of Malaysia Chemical Engineer (Somche 2009) In Conjunction With The 3rd International Conference On Chemical And Bioprocess Engineering (Iccbpe 2009)
4.	Masitah Hasan, Bassim H. Hameed, Abd. Latif Ahmad	Thermodynamic Studies on Removal Reactive Orange 16 Dye on Cross-Linked	Environmental Science and Technology Conference

		Chitosan/Oil Palm Ash Composite Beads	(ESTEC2009) Kuala Terengganu Malaysia
5.	Masitah Hasan, Bassim H. Hameed, Abd. Latif Ahmad	Thermodynamic studies on removal of reactive blue 19 dye on cross-linked chitosan/oil palm ash composite beads	2nd International Conference on Energy and Environment (ICEE2009)
6.	Amiza Abdul Rahman and Masitah Hasan	Hydrogen Production Mechanism from Biological Waste: An overview	Malaysian International Conference on Trends in Bioprocess Engineering (MICOTriBE) 2009
7.	Zulfakar Mokhtar, Che Rohaida Ngah, Siti Kartini Ab Rahim, Anis Mansor, Masitah Hasan, Abdul Rahman Mohamed	Photocatalysis as a Novel Approach for Degradation of Phenol in Wastewater	Malaysian International Conference on Trends in Bioprocess Engineering (MICOTriBE) 2009
8.	Ayu Wazira Azhari, Abdul Haqi Ibrahim, Ain Nihla Kamarudzaman	Germination Of Ficus Seeds For Rehabilitation Purpose	4th International Conference on Recent Advances in Materials, Minerals and Environment and 2nd Asian Symposium on Materials and Processing (RAMM & ASMP 2009)
9.	Ayu Wazira Azhari, Abdul Haqi Ibrahim, Mahyun Ab Wahab, Salwa Mohd Zaini Makhtar	Recycling Potential of Waste Materials as Fire Resistance Material	Second International Conference and Workshops on Basic and Applied Sciences and Regional Annual Fundamental Science Seminar 2009 (ICORAFSS 2009)
10.	Ayu Wazira Azhari, Azmil Mohd Aris, Abdul Haqi Ibrahim, Salwa Mohd Zaini Makhtar and Mahyun Ab Wahab	The utilization of coal fly ash and red gypsum as fire insulation product	Proceedings of MUCEET2009 Malaysian Technical Universities Conference on Engineering and Technology
11.	Ayu Wazira Azhari, Kamaruzzaman Sopian & Abdul Haqi Ibrahim	Cloud Based Models In Determination Of Solar Radiation: A Review	World Applied Science And Engineering Conference On Energy And Environment. (WSEAS 2009). Spain
12.	Norazian Mohamed Noor, Masitah Hassan, Mohd Kamal Ulum, Mohd Mustafa Al Bakri Abdullah	Characteristic of Anaerobic Digestion from Slaughter House Waste	2nd International Conference and Workshops on Basic and Applied Sciences & Regional

			Annual Fundamental Science Seminar 2009
13.	Norazian Mohamed Noor, Mohd Lutfi Zainudin and Mohd Mustafa Al Bakri Abdullah	Urban Air Quality Management in Malaysia and Thailand: A Review	International Conference and Workshops on Basic and Applied Sciences & Regional Annual Fundamental Science Seminar 2009
14.	Mohd Lutfi Zainudin, Norazian Mohamed Noor	Roles of Single Interpolation and Statistical Distributions on Application in Air Quality Data Sets: An Overview	Engineering Postgraduate Conference 2009 (EPC 2009)
15.	Norazian Mohamed Noor, Mohd Lutfi Zainudin and Mohd Mustafa Al Bakri Abdullah	The Single Interpolation and Statistical Technique: A Review of Application in Air Quality Data Sets	Regional conference on Environment and Earth Resources 2009 (RCER 2009)
16.	Wong Yee Shian., Ong Soon An., Nabilah Lutpi., and Fahmi M.R.	Anaerobic degradation of Palm Oil Mill Effluent (POME) at 60 days of hydraulic retention time (HRT) in an anaerobic bench scale reactor (ABSR)	Malaysian International Conference on Trends in Bioprocess Engineering (MICOTriBE) 2009
17.	Roslaili Abdul Aziz, Mohd. Nazry Salleh, Salwa Mohd Zaini Makhtar, Ain Nihla Kamarudzaman	Waste Management in Taiping, Perak: An Effective Approach Towards A Sustainable Environment	The 3rd Regional Conference in the Tropics (NRTrop3)
18.	Mokhzani Khair Ishak, Khairul Nizar Ismail, Banjuraizah Johar, Kamarudin Hussin, Wan Mohd Sabki Wan Omar	Characterization of BET, XRF and Weight Loss on Dolomite and Calcined Dolomite Heated at Different Heating Time	4th International Conference on Recent Advances in Materials, Minerals & Environment and 2nd Asian Symposium on Materials & Processing (RAMM & ASMP 2009), Bayview Beach Resort, Batu Ferringhi, Penang
19.	Mokhzani Khair Ishak, Khairul Nizar Ismail, Kamarudin Hussin, Wan Mohd Sabki Wan Omar, Mohd Asri Ab. Rahim, Umar Kassim, Libren Francis Dublin & Norfadhilah Ibrahim	Recycling Waste Tire into Concrete-Rubber Composite	Engineering Postgraduate Conference (EPC 2009) Universiti Malaysia Perlis
20.	Mokhzani Khair Ishak, Khairul Nizar Ismail, Kamarudin Hussin, Wan Mohd Sabki Wan Omar, Banjuraizah	Characterization of Limestone and Dolomite using X-Ray Fluorescent (XRF) for Cement Processing	Mineral Symposium 2009 (SIMPOMIN 2009), Pusat Penyelidikan Mineral, Jabatan Mineral dan Geosains, Perak Darul Ridzuan

	Johar, Mohd Nazry Salleh, Umar Kassim		
21.	Mokhzani Khair Ishak, Khairul Nizar Ismail, Wan Mohd Sabki Wan Omar, Kamarudin Hussin, Mohd Asri Ab. Rahim, Umar Kassim, Libren Francis Dublin & Norfadhilah Ibrahim	Reutilization of Waste Tire into Concrete-Rubber Composite	International Conference on Building Science and Engineering (ICON-BSE 2009) Universiti Tun Hussein Onn Malaysia
22.	Nabilah Aminah Lutpi, Leon Munro, John Zhu	The Mineralogy Changes in Red Mud after Reaction with SO ₂	Second International Conference and Workshops on Basic and Applied Sciences and Regional Annual Fundamental Science Seminar 2009 (ICORAFSS 2009). Pp.38
23.	Nabilah Aminah Lutpi, Leon Munro, John Zhu	Red Mud as Sorbent for SO ₂ Gas Cleaning	2nd CUTSE International Conference (CUTSE 2009)
24.	Razi Ahmad, Khairuddin Md Isa, Khairul Nizar Ismail, Khudzir Ismail, Maung Maung Soe, Mohd Asri Abd Rahim	Pyrolysis of Rice Straw; The Effect of Pyrolysis Temperature and Heating Rate on the Product Yields	Engineering Postgraduate Conference 2009 (EPC 2009)
25.	Razi Ahmad, Khairuddin Md Isa, Khairul Nizar Ismail, Khudzir Ismail Mohd Asri Abd Rahim	Influence of Temperature, Heating Rate and Holding Time on the Fixed-bed Pyrolysis of Rice Straw	Malaysian Technical Universities Conference on Engineering and Technology (MUCET 2009)
26.	Razi Ahmad, Khairuddin Md Isa, Khairul Nizar Ismail, Khudzir Ismail	Biocrude from biomass; pyrolysis of rice straw	Seminar on Biomass for Biofuels and Value-Added Products
27.	Razi Ahmad, Khairuddin Md Isa, Khairul Nizar Ismail and Khudzir Ismail	Pyrolysis Of Rice Straw; Effect Of Reaction Parameter On The Product Yields And Compositions	Regional Conference on Environmental and Earth Resources (RCER '09)
28.	K. Ain Nihla, S. Johan and A.J. Mohd. Faizal	Application of SSF-FWS Constructed Wetland System for Landfill Leachate Treatment	Second International Conference and Workshops on Basic and Applied Sciences and Regional Annual Fundamental Science Seminar 2009 (ICORAFSS 2009)
29.	K. Ain Nihla, S. Johan, A.A. Roslaili, W. Yee Shian, A.J. Mohd Faizal	Heavy Metal (Iron) Removal from Landfill Leachate by using Two-stage Constructed Wetlands Planted with <i>Limnocharis flava</i> and <i>Eichhornia crassipes</i>	3rd Regional Conference in the Tropics (NRTrop3)

30.	K. Ain Nihla, S. Johan, A.J. Mohd Faizal	Study on the performance of Subsurface Flow and Free Water Surface Constructed Wetland for Landfill Leachate Treatment	4th International Conference on Recent Advances in Materials, Minerals & Environment and 2nd Asian Symposium on Materials & Processing (RAMM & ASMP 2009), Bayview Beach Resort, Batu Ferringhi, Penang
31.	I. A Haqi, Z. N. Aini, W. A. Ayu, A. W. Mahyun, M.Z.M Salwa, A. R. Asri	Reusability of Concrete Sludge in Sand Brick	4th International Conference on Recent Advances in Materials, Minerals & Environment and 2nd Asian Symposium on Materials & Processing (RAMM & ASMP 2009), Bayview Beach Resort, Batu Ferringhi, Penang
32.	Mahyun A. W. and Ismail A.	Urban Drainage Analysis Using Swmm5: Case Study Of Sungai Kayu Ara, Damansara, Selangor	International Conference on Water Resources (ICWR 2009)
33.	Mahyun A. W., Ismail A , Maznah K, Salwa M. Z. M, Ayu Wazira, Haqi. I	Calibration of SWMM5 for local parameters at Sungai Kayu Ara, Damansara, Selangor	Proceedings of MUCEET2009 Malaysian Technical Universities Conference on Engineering and Technology
34.	Mahyun A. W., Ismail A., Salwa M. Z. M, Ayu Wazira, Haqi. I	Urban Drainage Analysis Using SWMM5: Case Study Of Sungai Kayu Ara, Damansara, Selangor	1ST Regional Conference On Geo-Disaster Mitigation and Waste Management, Kuala Lumpur
35.	Salwa Mohd Zaini Makhtar, Naimah Ibrahim, Mohammad Tamizi Selimin	COD Removal From Semi-Aerobic Landfill Leachate	Second International Conference and Workshops on Basic and Applied Sciences and Regional Annual Fundamental Science Seminar 2009 (ICORAFSS 2009)
36.	M. Z. M. Salwa, A. W. Mahyun, A. Ayu Wazira, A. A. Roslaili and S. Mohammad Tamizi	Coagulation-flocculation Process for Leachate Treatment Using PAC and Alum	3rd Regional Conference in the Tropics (NRTrop3)
37.	Salwa Mohd Zaini Makhtar, Naimah Ibrahim, Mohammad Tamizi Selimin	Removal Of Colour From Landfill By Solar Photocatalytic	The 2rd Symposium Of Malaysia Chemical Engineer (Somche 2009) In Conjunction With The 3rd International Conference On Chemical And Bioprocess Engineering (Iccbpe 2009)
38.	Salsuwanda Selamat, Masitah Hasan, Azlinda Abd Ghani, Che Zulzikrami Azner Abidin	Phosphate removal using aluminum-doped rice husk ash-derived silica	Proceedings of MUCEET2009 Malaysian Technical Universities Conference on Engineering and Technology

39.	Che Zulzikrami Azner Abidin, Fahmi Muhamad Ridwan, Naimah Ibrahim, Masitah Hassan, Salsuwanda Selamat, Nazerry Rosmady Rahmat	Adsorptive Removal Of Copper From Aqueous Solution By Agro-Industrial Waste Adsorbent	Engineering Postgraduate Conference 2009 (EPC 2009)
40.	Che Zulzikrami Azner Abidin, Fahmi Muhamad Ridwan, Haidar S. Al-Marroof, Nazerry Rosmady Rahmat	Application Of Multi-Stage Ozonation / Advance Oxidation Process (AOP) And Biological Treatment For Colour, BOD and COD Removal Of Azo Dye Industrial Effluent	Engineering Postgraduate Conference 2009 (EPC 2009)
41.	Che Zulzikrami Azner Abidin, Fahmi Muhamad Ridwan, Naimah Ibrahim, Masitah Hassan, Salsuwanda Selamat, Nazerry Rosmady Rahmat	Removal of Copper from Aqueous Solution by Citric Acid Modified Rice Straw	Proceedings of MUCEET2009 Malaysian Technical Universities Conference on Engineering and Technology

Books

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1.	Ayu Wazira Azhari, Ain Nihla Kamarudzaman, Wan Mohd Sabki Wan Omar, Abdul Haqi Ibrahim, Mahyun Ab Wahab, Salwa Mohd Zaini Makhtar, Roshasmawi Abdul Wahab, Munif Bahatin, Nazerry Rosmady Rahmat	EAT 203: Geoenvironmental Engineering	Unit Penerbitan, UniMAP
2.	Norazian Mohamed Noor, Masitah Hassan, Wong Yee Shian	Teaching Module: Material Balance, Energy Balance And Heat Transfer	Unit Penerbitan, UniMAP
3.	Norazian Mohamed Noor, Dato' Kamarudin Md. Nor, Saiful Azhar, Ragunanthan, Khairuddin Mat Isa, Ain Nihla	Introduction To Environmental Engineering	Unit Penerbitan, UniMAP