

PROGRAMME OVERVIEW

12 th November 2013 (Tuesday)	
08:15 - 09:00	Registration
09:00 - 10:00	Opening Ceremony
10:00 - 10:15	Group Photo
10:15 - 10:20	Coffee Break
10:20 - 11:00	Poster Session 1
11:00 - 11:30	KEYNOTE 1 Prof. Dr. Kyoung-Woong Kim Chairperson: Assoc. Prof. Dr. Ahmad Zaharin Aris
11:30 - 12:30	Parallel Paper Presentations, Session 1A, 1B and 1C Session 1A: Characterization, assessment and monitoring Chairperson: Prof. Dr. Wong Ming Hung Session 1B: New approach, rapid assessment and analytical techniques Chairperson: Dr. Wan Lutfi Wan Johari Session 1C: Treatment technology Chairperson: Assoc. Prof. Dr. Mohammad Firuz Ramli
12:30 - 13:00	Poster Session 2
13:00 - 14:30	Lunch
14:30 - 15:15	KEYNOTE 2 Prof. Datin Paduka Dr. Fatimah Mohamed Arshad Chairperson: Assoc. Prof. Dr. Ramdzani Abdullah
15:15 - 16:15	Parallel Paper Presentations, Session 2A, 2B and 2C Session 2A: Policy, governance and management Chairperson: Assoc. Prof. Dr. Mohd Bakri Ishak Session 2B: Environmental health and risk assessment Chairperson: Assoc. Prof. Dr. Puziah Abdul Latif Session 2C: Environmental monitoring Chairperson: Assoc. Prof. Dr. Wan Nor Azmin Sulaiman
16:15 - 16:30	Coffee Break
16:30 - 17:45	Recent Updates in Environmental Forensics Chairperson: Prof. Dr. Mohamad Pauzi Zakaria

13th November 2013 (Wednesday)	
09:00 - 09:45	KEYNOTE 3 Prof. Dr. Wong Ming Hung Chairperson: Prof. Dr. Mohamad Pauzi Zakaria
09:45 - 10:00	Coffee Break
10:00 - 10:30	Poster Session 3
10:30 - 12:00	Parallel Paper Presentations, Session 3A, 3B, and 3C Session 3A: Characterization, assessment and monitoring Chairperson: Mdm. Rosta Harun Session 3B: New approach, rapid assessment and analytical techniques Chairperson: Dr. Mohd Yusoff Ishak Session 3C: Environmental monitoring Chairperson: Mdm. Tengku Hanidza Tengku Ismail
12:00 - 13:00	Poster Session 4
13:00 - 14:00	Lunch
14:00 - 14:45	KEYNOTE 4 Dr. Tracy Collier Chairperson: Prof. Dr. Narayanan Kannan
14:45 - 16:00	Parallel Paper Presentations, Session 4A, 4B, and 4C Session 4A: Pollution control technology Chairperson: Dr. Faradiella Mohd Kusin Session 4B: Environment health and risk assessment Chairperson: Dr. Ferdaus Mohamat Yusuff Session 4C: Environmental modelling Chairperson: Assoc. Prof. Dr. Ahmad Makmom Abdullah
16:00 - 16:15	Coffee Break
16:15 - 17:30	Recent Updates in Environmental Forensics Chairperson: Dr. Tracy Collier
17:30	Closing Remarks

PROGRAMME SUMMARY

12th November 2013 (Tuesday)			
0815 – 0900	Registration		
0900 – 1000	Opening Ceremony		
1000 – 1015	Group Photo		
1015 – 1020	Coffee Break		
1020 – 1100	Poster Session 1		
1100 – 1130	KEYNOTE 1		
1130 – 1230	Parallel Paper Presentations: Session 1A, 1B and 1C		
	Session 1 A	Session 1 B	Session 1 C
1130 – 1140	P1A-1	P1B-1	P1C-1
1140 – 1150	P1A-2	P1B-2	P1C-2
1150 – 1200	P1A-3	P1B-3	P1C-3
1200 – 1210	P1A-4	P1B-4	P1C-4
1210 – 1220	P1A-5	P1B-5	P1C-5
1220 – 1230	P1A-6	P1B-6	P1C-6
1230 – 1300	Poster Session 2		
1300 – 1430	Lunch		
1430 – 1515	KEYNOTE 2		
1515 – 1625	Parallel Paper Presentations: Session 2A, 2B and 2C		
	Session 2 A	Session 2 B	Session 2 C
1515 – 1525	P2A-1	P2B-1	P2C-1
1525 – 1535	P2A-2	P2B-2	P2C-2
1535 – 1545	P2A-3	P2B-3	P2C-3
1545 – 1555	P2A-4	P2B-4	P2C-4
1555 – 1605	P2A-5	P2B-5	P2C-5
1605 – 1615	P2A-6	P2B-6	P2C-6
1615 – 1625	P2A-7	P2B-7	P2C-7
16:15 - 16:30	Coffee Break		
16:30 - 17:45	Recent Updates in Environmental Forensics		

13th November 2013 (Wednesday)			
0900 – 0945	KEYNOTE 3		
0945 – 1000	Coffee Break		
1000 – 1030	Poster Session 3		
1030 – 1200	Parallel Paper Presentations: Session 3A, 3B and 3C		
	Session 3 A	Session 3 B	Session 3 C
1030 – 1040	P3A-1	P3B-1	P3C-1
1040 – 1050	P3A-2	P3B-2	P3C-2
1050 – 1100	P3A-3	P3B-3	P3C-3
1100 – 1110	P3A-4	P3B-4	P3C-4
1110 – 1120	P3A-5	P3B-5	P3C-5
1120 – 1130	P3A-6	P3B-6	P3C-6
1130 – 1140	P3A-7	P3B-7	P3C-7
1140 – 1150	P3A-8	P3B-8	P3C-8
1150 – 1200	P3A-9	P3B-9	P3C-9
1200 – 1300	Poster Session 4		
1300 – 1400	Lunch		
1400 – 1445	KEYNOTE 4		
1445 – 1600	Parallel Paper Presentations: Session 4A, 4B and 4C		
	Session 4 A	Session 4 B	Session 4 C
1445 – 1455	P4A-1	P4B-1	P4C-1
1455 – 1505	P4A-2	P4B-2	P4C-2
1505 – 1515	P4A-3	P4B-3	P4C-3
1515 – 1525	P4A-4	P4B-4	P4C-4
1525 – 1535	P4A-5	P4B-5	P4C-5
1535 – 1545	P4A-6	P4B-6	P4C-6
1545 – 1555	P4A-7	P4B-7	P4C-7
16:00 - 16:15	Coffee Break		
16:15 - 17:30	Recent Updates in Environmental Forensics		
17:30	Closing Remarks		

12th November 2013 (Tuesday) 11:00 – 11:30
Keynote Address 1
(Grand Ballroom)

Title: Arsenic Contamination in Groundwater and Human Health Risks in
the Mekong River Basin of Cambodia
Prof. Dr. Kyoung-Woong Kim
Chairperson: Assoc. Prof. Dr. Ahmad Zaharin Aris

12th November 2013 (Tuesday) 11:30 – 12:30
Session 1A (Kuala Lumpur Room)

Theme: Characterization, assessment and monitoring
Chairperson: Prof. Dr. Wong Ming Hung

Time	Authors	Title	Code
1130	Boon Siong Wee, Shakirah Abd Shukor, Ahmad Firdaus Khaidir, Mohd Suhaimi Hamzah, Shamsiah Abdul Rahman, Md Suhaimi Elias, Nazaratul Ashifa Abdullah Salim and Azian Hashim	Biomonitoring of trace elements using epiphytic lichens collected in a suburban area of Selangor, Malaysia.	P1A-1
1140	Mahyar Sakari, Jupri Bin Mohd Bani, Soon Zhi Yang, Justin Sentian and Sohail Rafiq	Seasonal Variation of Aliphatic Hydrocarbons in Atmospheric Environment of Kota Kinabalu, Sabah	P1A-2
1150	Narayanan Kannan, Senthil Kumar Kuruthachalam, Monica Danon-Schaffer and Won Joon Shim	Polychlorinated biphenyl contamination to the Canadian Artic from landfills and sewage treatment outlets	P1A-3
1200	Ley Juen Looi, Ahmad Zaharin Aris and Fatimah Md. Yusoff	Factor Controlling The Total Exchangeable Cation of Estuaries and Coastal Sediment	P1A-4
1210	Azrul Normi Idris, Ahmad Zaharin Aris, Ismail Tawnie and Saim Suratman	Preliminary Physicochemical Assessment of Groundwater in Kg. Salang, Pulau Tioman, Pahang, Malaysia	P1A-5

1220	Siti Aishah Ramsie, Syaizwan Zahmir Zulkifli, Ferdous Mohamat Yusuff, Ahmad Ismail and Che Abd Rahim Mohamed	Geochronology of ^{210}Pb in Sediments of Sepang Besar River, Malaysia	P1A-6
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12th November 2013 (Tuesday) 11:30 – 12:30 Session 1B (Penang Room) Theme: New approach, rapid assessment and analytical techniques Chairperson: Dr. Wan Lutfi Wan Johari			
Time	Authors	Title	Code
1130	Asmat Ahmad, Ayokunle Christopher Dada, Usup Gires and Lee Yook Heng	Enterococci concentrations in tropical coastal beaches in Malaysia correlate better with pathogen levels and other water quality indicators than faecal coliforms	P1B-1
1140	Mohamad Hadzri Yaacob, Nur Syamimi Zainudin and Noor Zuhartini Md. Muslim	Cathodic Voltammetry Stripping (CSV) Analysis of Reactive Black 5 (RB5) Dye using Hanging Mercury Electrode in Basic Medium	P1B-2
1150	Syahidah Akmal Muhammad, Russell David Frew and Alan Ross Hayman	Compound-specific isotope analysis of diesel fuels in a forensic investigation	P1B-3
1200	Noorain Mohd Isa and Ahmad Zaharin Aris	Application of Geochemical and Geostatistical Analyses in Observing the Controlling Factors of Groundwater Compositions	P1B-4
1210	Noor Syuhadah Subki, Rohasliney Hashim and Noor Zuhartini Md Muslim	Heavy Metals Analysis of Batik Industry wastewater, Plant and Soil Samples: A Comparison Study of FAAS and HACH Colorimeter Analytical Capabilities	P1B-5
1220	Lilian Lim and Kenneth Ong	Speciation: Determination of Methylmercury in Fish Samples with HPLC-ICP-MS	P1B-6

12th November 2013 (Tuesday) 11:30 – 12:30 Session 1C (Kelantan Room) Theme: Treatment technology Chairperson: Assoc. Prof. Dr. Mohammad Firuz Ramli			
Time	Authors	Title	Code
1130	Nurull Muna Daud, Siti Rozaimah Sheikh Abdullah and Hassimi Abu Hassan	Optimization of Coagulation Process for the Pre-Treatment of Biodiesel Wastewater Using Response Surface Methodology	PIC-1
1140	Ai Ping Lim, Ahmad Zaharin Aris and Hafizan Juahir	An experimental approach on the removal of Cd (II) and Pb (II) ions from aqueous solutions by using dead calcareous skeletons	PIC-2
1150	Keun-Young Lee, Minsung Park, Eil-Hee Lee, Kwang-Wook Kim, Dong-Yong Chung, Kyoung-Woong Kim and Jei-Kwon Moon	Cesium Removal from Waste Seawater by Nanocrystalline Mordenite	PIC-3
1200	Zufarzaana Zulkeflee and Antoni Sanchez	Green biotechnological approach as an alternative to chemical processes: The case of bioflocculant production through solid-state fermentation of soybean wastes	PIC-4
1210	Faradiella Mohd Kusin and Azmi Aris	Anoxic limestone drain for treatment of highly acidic water	PIC-5
1220	Bieby Voijant Tangahu, Siti Rozaimah Sheikh Abdullah, Hassan Basri, Mushrifah Idris, Nurina Anuar and Muhammad Mukhlisin	Biosorption of lead (Pb) by three Bacillus species (Bacillus cereus, Bacillus pumilus and Bacillus subtilis) isolated from Scirpus grossus	PIC-6

12th November 2013 (Tuesday) 14:30 – 15:15 Keynote Address 2 (Grand Ballroom)
Title: Bridging the Gap: Research and Policy Prof. Datin Paduka Dr. Fatimah Mohamed Arshad Chairperson: Assoc. Prof. Dr. Ramdzani Abdullah

12th November 2013 (Tuesday) 15:15 – 16:15 Session 2A (Penang Room) Theme: Policy, governance and management Chairperson: Assoc. Prof. Dr. Mohd Bakri Ishak			
Time	Authors	Title	Code
1515	Zamzul Rizal Zulkifli, Rosta Harun and Lim Kuang Hock	Awareness of behaviours that cause and alleviate global warming and intention to perform the behaviors among Malaysian educated laypeople	P2A-1
1525	Mohd Yusof Saari, Azman Hassan, Tengku Hanidza Tengku Ismail and Nila Fakriah Fahrur Razi	Does trade in industrial products have the potential to improve distribution of global virtual water?	P2A-2
1535	Mariani Ariffin, Theng Hon Watt, Wan Lutfi Wan Johari and Mohamad Shafiq Adnan	Chlorination disinfection byproducts (DBPs): A review of Malaysian drinking water policy and consumers' perception	P2A-3
1545	Muhammad Khairi Kamarudin, Rosta Harun, Aini Jaapar and Zaharah Yahya	Retrofitting as Environmental Hybrid Approach (EHA) in Conservation Works on Historical Buildings in Malaysia.	P2A-4
1555	Nurashida Saad, Ahmad Makmom Abdullah, Hafizan Juahir and Rosta Harun	Contribution Fuel Consumption of Fishing Vessel Operation to Greenhouse Gas Emission	P2A-5
1605	Yuek Ming Ho, Leong Kee Ling and Latifah Abd Manaf	Garbage Enzyme as a Solution to Waste Minimization	P2A-6

1615	Maizatun Mustafa and Mariani Ariffin	A review on environmental forensics and environmental law in the Malaysian Perspective	P2A-7
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12th November 2013 (Tuesday) 15:15 – 16:15 Session 2B (Kelantan Room) Theme: Environmental health and risk assessment Chairperson: Assoc. Prof. Dr. Puziah Abdul Latif			
Time	Authors	Title	Code
1515	Yin-Hui Leong, Pui-Nyuk Chiang, Hajjaj Juharullah Jaafar, Chee-Yuen Gan and Mohamed Isa Abdul Majid	Occurrence and dietary intake of polychlorinated dibenzo-p-dioxins and dibenzofurans in Malaysia	P2B-1
1525	Sarva Mangala Praveena, Sarah Abdul Mutalib, Nurul Hafiza Razak, Emilia Zainal Abidin and Ahmad Zaharin Aris	Health Risk Assessment of Heavy Metal Exposure to Classroom Dust in Primary School, Serdang (Malaysia)	P2B-2
1535	Khairul Izzuddin Muhammad, Amir Hamzah Sharaai and Sabrina Ho Abdullah	Life Cycle Assessment for Sawmill Manufacturing at Terengganu, Malaysia	P2B-3
1545	Norhazni Mat Sari and Mazlin Mokhtar	Hazardous Waste Management in Malaysia: the Needs of Environmental Forensic	P2B-4
1555	Ai Yin Sow, Ahmad Ismail and Syaizwan Zahmir Zulkifli	Health Risk from Cu and Zn Contamination through Consumption of Paddy Eel, <i>Monopterus albus</i>	P2B-5
1605	Saliza Mohd Elias, Ana Mardhiah Marzuki, Hilaliyah Mohkhtar, Christopher George, Ahmad Zaharin Aris and Noor Azianti Zakaria	Heavy metals (As, Cd, Cr, and Pb) concentration in freshwater fish and health risk assessment in two areas in Kluang, Johor	P2B-6
1615	Kamsia Budin, Sarva Mangala Praveena and Mahyar Sakari	Health Risk Assessment of Heavy Metals via Consumption of Bivalves Species in Kota Kinabalu, Sabah, Malaysia	P2B-7

12th November 2013 (Tuesday) 15:15 – 16:15 Session 2C (Kuala Lumpur Room) Theme: Environmental health and risk assessment Chairperson: Assoc. Prof. Dr. Wan Nor Azmin Sulaiman			
Time	Authors	Title	Code
1515	Corinthias Pamatang Morgana Sianipar, Gatot Yudoko and Kiyoshi Dowaki	Environmental forensics on Appropriate-Technology- enhanced supply chain of rural commodities	P2C-1
1525	Chuen-Mei Chao, Yi-Ju Chen and Ying-Ming Weng	A Novel Simply Pretreatment Approach for Fast Determination of Multi- residue Pesticides in Aqueous Samples	P2C-2
1535	Susan Codi King	Assessment of water quality in Darwin Harbour using time integrated samplers and biological markers in barramundi (<i>Lates calcifer</i>)	P2C-3
1545	Shaharin Ibrahim, Ahmadreza Ashraf, Elias Saion, Abdul Khalik Wood and Wan Abdullah Wan Yusoff	Weathering Product of Granite as a Possible Source of Strategic Mineral	P2C-4
1555	Prashant P. Bhave and Bisma Shaikh	Noise Pollution Status in Central Mumbai: A Comparative Study	P2C-5
1405	Muhamad Hanif Harif Fadzilah, Jamil Tajam, Mohd Lias Kamal and Norsila Daim	Distribution of Heavy Metals, Organic Matter and Mean Size in Sediment in the Perlis River Estuary	P2C-6
1415	Seyed Reza Hashemi, Mohamad Pauzi Zakaria and Noor Zuhartini Md Muslim	Determination of Polycyclic Aromatic Hydrocarbons (PAHs) in Suspended Solid from Pengkalan Chepa River, Kelantan, Malaysia, based on Weather Condition.	P2C-7

13th November 2013 (Wednesday) 09:00 – 09:45 Keynote Address 3 (Grand Ballroom)
Title: Environmental Geochemical Cycles of Persistent Toxic Substances and Emerging Chemicals of Concern Prof Wong Ming Hung Chairperson: Prof. Dr. Mohamad Pauzi Zakaria

13th November 2013 (Wednesday) 10:30 – 12:00 Session 3A (Penang Room) Theme: Characterization, assessment and monitoring Chairperson: Mdm. Rosta Harun			
Time	Authors	Title	Code
1030	Md Pauzi Abdullah, Naghmeah Saadati and Zuriati Zakaria	Organochlorine Pesticides (ocps) in Aquatic Environment of Cameron Highlands, Malaysia	P3A-1
1040	Najat Masood, Mohamad Pauzi Zakaria, Masni Mohd Ali ,Sami M. Magam, Sadeq Alkhadher, Mehrzad Keshavarzifard, Vahab Vaezzadeh and Mudher A. Hussein	Distribution of Petroleum Hydrocarbons in Surface sediments from Selected Locations in Kuala Selangor River, Malaysia	P3A-2
1050	Noorlin Mohamad, Mohd Talib Latif and Md. Firoz Khan	Chemical composition and sources of indoor and outdoor PM10 in primary schools	P3A-3
1100	Nor Rohaizah Jamil, Muhammad Shafiq Ruslan, Mohd Ekhwan Toriman, Mushrifah Idris and Azwin Abdul Razad	Impact of Landuse on Seasonal Water Quality at Highland Lake: A Case Study of Ringlet Lake, Cameron Highlands, Pahang	P3A-4

1110	Mohd Talib Latif, Nur Ili Hamizah Mustaffa, Shoffian Amin Jaafar, Nurul Bahiyah Abd Wahid, Murad Al Salahi, Chong Woan Chian, Wong Sook Han and Masni Mohd Ali	Composition of surfactants from sea-surface microlayer and marine aerosols along the Malacca Straits	P3A-5
1120	Norhayati Mohd. Tahir, Swee Yun Pang, Yii Siang Hii and Bernd R.T. Simoneit	Distribution and sources of Perylene and other Polycyclic Aromatic Hydrocarbons (PAHs) and in South China Sediments off Southern Terengganu Coast, Malaysia	P3A-6
1130	Ahmad Saat, Zaini Hamzah, Ab Khalik Wood, Mahira Talib and Nurulsyuhada Harun	Heavy Metals in Lichen and Moss of a Tea Plantation in Cameron Highlands, Malaysia	P3A-7
1140	Nurzawani Md Sofwan and Sim Siong Fong	Evaluation of Various Water Quality Indices for Water Quality Assessment of Sg. Sarawak	P3A-8
1150	Vahab Vaezzadeh, Mohamad Pauzi Zakaria, Shuhaimi Mustafa, Zelina Zaiton Ibrahim, Aileen Tan Shau-Hwai, Mehrzad Keshavarzifard, Sami Magam and Najat Masood	Distribution of Polycyclic Aromatic Hydrocarbons (PAHs) in Sediment from Muar River and Pulau Merambong, Peninsular Malaysia	P3A-9

13th November 2013 (Wednesday) 10:30 – 12:00 Session 3B (Kelantan Room) Theme: New approach, rapid assessment and analytical techniques Chairperson: Dr. Mohd Yusoff Ishak			
Time	Authors	Title	Code
1030	Zalina Mohd Ali, Noor Akma Ibrahim, Kerrie Mengersen, Mahendran Shitan, Hafizan Juahir	Discriminant Analysis of Water Quality Data In Langat River	P3B-1
1040	Manutha Appa Rwoo, Hafizan Juahir, Azman Azid, Sharifah Mohd Sharif, Nor Malissa Roslan, Mohd Ekhwan Toriman and Sharifuddin Mohd. Zain	Spatial variations of drinking water quality monitoring in water treatment plant using envirometric techniques	P3B-2
1050	Wan Lutfi Wan Johari, Razlin Izwan Mohd Isa, Norhusna Ghazali and Mohd Yunus Abd Shukor	Decolorization of Azo Dyes by Local Microorganisms	P3B-3
1100	Adewole Moses Bamidele	Impact of poultry manure and ashed sawdust in the phytoextraction of Cadmium and Lead from crude oil contaminated soils	P3B-4
1110	Mohamad Faiz Zainuddin, Zulkifly Abbas, Khairul Nizam Mohamed, Wan Mahmood Mat Yunus and Nurul Huda Osman	Application of a Monopole Sensor for Rapid in-situ Water Quality Assessment: Theoretical Analysis	P3B-5
1120	Mohammed Hatta Abd Karim, Hafizan Juahir and Ahmad Zaharin Aris	A comparative study of groundwater quality of various aquifer systems in Malaysia	P3B-6
1130	Zulfa Hanan Ashaari, Grant Robert Biggand Robert Grant Bryant	Patterns of aerosol over Malaysia from multiple satellite-borne sensors	P3B-7

1140	Tahoorah Sheikhy Narany, Mohammad Firuz Ramli, Ahmad Zaharin Aris, Wan Nor Azmin Sulaiman and Kazem Fakharian	Assessment of the potential contamination risk of nitrate in groundwater using indicator kriging (in Amol- Babol Plain, Iran)	P3B-8
1150	Suhaimi Suratman, Hee Yet Yin and Norhayati Mohd Tahir	Spatial and temporal distributions of dissolved organic carbon in the Setiu River, Malaysia	P3B-9

13th November 2013 (Wednesday) 10:30 – 12:00 Session 3C (Kuala Lumpur Room) Theme: Environmental monitoring Chairperson: Mdm. Tengku Hanidza Tengku Ismail			
Time	Authors	Title	Code
1030	Ananthu Retnam, Hafizan Juahir, Mohamad Pauzi Zakaria, Ahmad Zaharin Aris and Mohd Fadhl Kasim	Water quality and enrichment of sedimentary polycyclic aromatic hydrocarbons (PAHs) relation to fish culture in Malaysia	P3C-1
1040	Eddie Cheah Kee Wan and Ferdaus Mohamat Yusuff	Contamination of trace elements (Cu, Pb, Cr) in Kong Kong Laut, Johor, Malaysia	P3C-2
1050	Herni Halim and Ramdzani Abdullah	Equivalent Noise Level Response to Number of Vehicles: A Comparison between a High Traffic Flow and Low Traffic Flow Highway in Malaysia	P3C-3
1100	Mande Kato Hosea, Ahmad Makmom Abdullah, Ahmad Zaharin Aris and Ahmad Ainuddin Nuruddin	Soil carbon dioxide efflux and atmospheric impact in a 10 years dipterocarpus recovering lowland tropical forest, Peninsular Malaysia	P3C-4
1110	Hazzeman Haris and Ahmad Zaharin Aris	Mercury distribution in Port Klang mangrove and estuarine sediment	P3C-5
1120	Fatemeh Valizadeh- kakhki, Mohamad Pauzi Zakaria, Ahmad Zaharin Aris, Mehdi Mohamadi and Hassan Tajik	Source discrimination of PAHs in Industrial Soil of the Persian Gulf Coast	P3C-6
1130	Nur Azian Fathiah Adnan and Tengku Hanidza Tengku Ismail	The accumulation of Fe, Pb, Zn, Ni and Cd in <i>Nerita</i> <i>lineata</i> and <i>Thais</i> <i>bitubercularis</i> obtained from Tanjung Harapan and Teluk Kemang, Malaysia	P3C-7

1140	Mehrzad Keshavarzifard, Mohamad Pauzi Zakaria, Tan Shau Hwai, Normala Halimoon, Shuhaimi Mustafa, Vahab Vaezzadeh, Najat Masood, Sami M. Magam and Chew Weiyun	Polycyclic Aromatic Hydrocarbons (PAHs) in Sediments from Prai and Malacca Rivers, Peninsular Malaysia	P3C-8
1150	Yi-Ta Hsieh, Chin- Ying Kuo, Jyun-Hong Shen and Jao-Jia Horng	News Media and Network Analysis on Hazard Chemical Incidents in Taiwan	P3C-9

13th November 2013 (Wednesday) 14:00 – 14:45 Keynote Address 4 (Grand Ballroom)
Title: Forensic Ecotoxicology Dr. Tracy Collier Chairperson: Prof. Dr. Narayanan Kannan

13th November 2013 (Wednesday) 14:45 – 16:00 Session 4A (Penang Room) Theme: Environmental pollution control technology Chairperson: Dr. Faradiella Mohd Kusin			
Time	Authors	Title	Code
1445	Harmin Sulistiyaning Titah, Siti Rozaimah Sheikh Abdullah, Idris Mushrifah, Nurina Anuar, Hassan Basri and Muhammad Mukhlisin	Optimization of Arsenic Phytoremediation by <i>Ludwigia octovalvis</i> in Pilot Reed Bed System using Response Surface Methodology	P4A-1
1455	Ipung Fitri Purwanti, Siti Rozaimah Sheikh Abdullah, Mushrifah Idris, Hassan Basri, Ainon Hamzah, Muhammad Mukhlisin and Mohd Talib Latif	Artificial Aeration for Enhancement TPH Degradation in Phytoremediation of Diesel-Contaminated Sand	P4A-2
1505	Israa Abdul Wahab Al-Baldawi, Siti Rozaimah Sheikh Abdullah, Fatimah Suja, Nurina Anuar, Mushrifah Idris	Consortia development of hydrocarbon degrading rhizobacteria isolated from <i>Scirpus grossus</i> in diesel exposure	P4A-3
1515	Wirach Taweepreda and Sineenart Puangmanee	Separation and Characterization of Minerals from Centrifuged Waste Latex Sludge Composition	P4A-4
1525	Norinsafrina Mustaffa Kamal and Shamsul Kamal Sulaiman	Passive Treatment of Acid Mine Drainage with Limestone, Calcareous Rock and Serpentine	P4A-5

1535	Shamsul Izhar, Mohd Halim Shah Ismail and Lee Yuan Chuan	Removal of Boron and Arsenic from Petrochemical Wastewater Using Zeolite as Adsorbent	P4A-6
1545	In-Ho Yoon, Chong-Hun Jung, Suk Bon Yoon, Chorong Kim, Sang Yoon Park, Jei-Kwon Moon and Wang-Kyu Choi	Evaluation of foam stability in decontamination foam stabilized by silica nanoparticles with nonionic surfactant	P4A-7

13th November 2013 (Wednesday) 14:45 – 16:00 Session 4B (Kelantan Room) Theme: Environmental health and risk assessment Chairperson: Dr. Ferdaus Mohamat Yusuff			
Time	Authors	Title	Code
1445	Eugenie Sin Sing Tan and Najat Al-Odaini	Acute and Chronic Environmental Risk Assessment (ERA) for Pharmaceuticals and in South East Asia	P4B-1
1455	Sarva Mangala Praveena, Nurul Syazani Yuswir, Ahmad Zaharin Aris and Zailina Hashim	Potential Health Risk Assessment of Urban Soil on Heavy Metal Content in Seri Kembangan	P4B-2
1505	Suleiman Alhaji Dauda, Mohd Rusli Yacob and Alias Radam	Heterogeneous Preferences for Domestic Water Quality Service Improvement: A Mixed Logit Approach	P4B-3
1515	Yap Chee Kong and Chew Weiyun	The Invasive Weed, <i>Asystasiagangetica</i> as a Biomonitor of Heavy Metal Bioavailability and Pollution	P4B-4
1525	Shadi Kafi Mallak, Mohd Bakri Ishak and Sabrina Abdullah	Exploring the relationship between issues regarding awareness in practicing waste Minimization (Malaysia)	P4B-5
1535	Fatimah Az Zaharah Subahir, Mohd Rusli Yacob and Alias Radam	Consumer Preferences for Biodegradable Shopping Bags in Selected Hypermarkets in Selangor	P4B-6

13th November 2013 (Wednesday) 14:45 – 16:00 Session 4C (Kuala Lumpur Room) Theme: Environmental modelling Chairperson: Assoc. Prof. Dr. Ahmad Makmom Abdullah			
Time	Authors	Title	Code
1445	Negar Banan, Mohd Talib Latif, Liew Juneng and Md. Firoz Khan	An Application of Artificial Neural Networks for the Prediction of Surface Ozone Concentrations in Malaysia	P4C-1
1455	Badriyah Zakaria, Ramdzani Abdullah, Mohammad Firuz Ramli and Puziah Abdul Latif	GIS-Based Site Selection for Hazardous Waste Disposal Facilities In Penang and Kedah	P4C-2
1505	Nor Azrita Mohd Amin, Mohd Bakri Adam and Ahmad Zaharin Aris	Extreme Value Theory for Modeling and Prediction of High PM10 Concentration in Johor	P4C-3
1515	Mohd Yusoff Ishak, Hongqing Cao and Friedrich Recknagel	Predictive Modeling of Chlorophyll a for Tropical Lake by Means of Hybrid Evolutionary Algorithm (HEA)	P4C-4
1525	Caroline Schlegel, Johannes Michaelsen and Michael Heidinger	Identification and Development of different Plumes of chlorinated Hydrocarbons in Groundwater by numerical Modeling based on Carbon isotope Dynamics	P4C-5
1535	Tan Yen Chen and Luqman Chuah Abdullah	Case study: Comparison of Air Dispersion from Solid Waste Incinerator Emission using AERMOD and ISCST3	P4C-6
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