



ICSEWR 2015

**INTERNATIONAL CONFERENCE ON SUSTAINABLE
ENVIRONMENT & WATER RESEARCH**

**PARALLEL SESSIONS
(OCTOBER 25, 2015)**

PARALLEL SESSION 1: 11.30 – 12.50 (PENDETA 1)**WATER RESEARCH****CHAIRPERSON: HARTINI KASMIN****TIMER: SITI NAZAHYAH RAHMAT**

TIME	ID	AUTHOR	TITLE
11.30-11.40	1419	Lee Hin Lee, Fredolin Tangang, Mohammad Huzaifah Wahap, Shin Ying Ang	Seasonal Hypoxia Occurrence at Terengganu Estuary, Malaysia and its potential formation mechanisms
11.40-11.50	1446	Wan Ahmad Hafiz Wan Azhary, Nor Aslinda Awang, Mohd Radzi Abd Hamid	The Assessment of Rip Current Occurrences at Kerachut Beach using Hydrodynamic Modelling
11.50-12.00	1434	Noradila Mohamed, Nik Azllin Nik Ariffin	Natural Radium Distribution and Inventory Flux Isotopes in Particulate and Dissolved Phases of Seawater at the West Coast Peninsular Malaysia Caused by Coal-Fired Power Plant
12.00-12.10	1378	Aslila Abd Kadir, Masiri Kaamin, Nur Syaza Azizan, Suhaila Sahat, Saifullizan, Mohd Bukari, Mardiha Mokhtar, Norhayati Ngadiman Nor Baizura Hamid	Application of Geographic Information Systems (GIS) in Determining Rainfall Distribution Patterns in Batu Pahat Area
12.10-12.20	1436	Siti Nazahiyah Rahmat , Niranjali Jayasuriya, Muhammed Bhuiyan, Mohd Shalahuddin Adnan	Temporal Trends Of Discrete Extreme Events – A Case Study
12.20-12.30	1453	Hartini Kasmin, Nur Hamizzah binti Bakar, Mohamad Hakimi Bin Mohd Zubir	Monitoring On the Quality and Quantity of DIY Rainwater Harvesting System.
12.30-12.40	1422	Lee Hin Lee, Fredolin Tangang, Dekui Yuan, Fang Yenn Teo, Mohd Afzahelmi Ariff	Behaviour of salinity intrusion in the Terengganu Estuary, Malaysia
12.40-12.50	1421	Lee Hin Lee, Fredolin Tangang, Mohd Razid Hamid, Yannie Benson, Muhammad Rizal	Modeling the influence of river flow and salt water intrusion in the Terengganu estuary, Malaysia

PARALLEL SESSION 1: 11.30 – 12.50 (PENDETA 2)**WATER RESEARCH****CHAIRPERSON: MOHD AZLAN MOHD YUSOFF****TIMER: MUHAMMAD SALLEH ABUSTAN**

TIME	ID	AUTHOR	TITLE
11.30-11.40	Sponsored* Thago Sdn Bhd		Rain Water Harvesting
11.40-11.50	1390	Mohd Adib Mohammad Razi, Muhammad Amirza Abd Rahim, Wardah Tahir, Junaidah Ariffin	Impression By Using Circular Fibre Steel Flap Gate As A Control Structure Towards The Hydraulic Characteristics In Open Channel
11.50-12.00	1396	Mohd Hafifi Mat Nazir, Suriyani Awang, Ahmad Jamalluddin Shaaban, Nasehir Khan E.M.Yahaya, Azman Mat Jusoh, Mohd Aminur Rashid Mohd Amiruddin Arumugam, Aminuddin Ab Ghani	Sediment Transport Dynamic in A Meandering Fluvial System: Case Study of Sg Chini
12.00-12.10	1427	Nurhazirah Mustaffa, Mohd Adib Mohammad Razi, Noor Aliza Ahmad	Variations of Roughness Coefficients With Flow Depth of Grassed Swale
12.10-12.20	1465	Mohd Azlan Mohd Yusoff, Hazi Mohammad Azamathulla, Aminuddin Ab Ghani	Time Variations of Scour Below Submerged Skewed Pipelines
12.20-12.30	1433	Norhayati Ngadiman, Nurul 'Izzati Bahari, Masiri Kaamin, Nor Baizura Hamid, Mardiha Mokhtar, Suhaila Sahat	Water Quality of Hills Water, Supply Water and RO Water Machine in Ulu Yam Selangor
12.30-12.40	1459	Muhammad Salleh Abustan, Noorhazlinda Abdul Rahman, Hitoshi Gotoh, Eiji Harada, Siti Hidayah Abu Talib	Numerical Simulation of Evacuation Process In Malaysia By Using Distinct-Element-Method Based Multi-Agent Model
12.40-12.50	1408	Duratul Ain Tholibon, Junaidah Ariffin, Jazuri Abdullah	Centerline Bed Elevation Profile Of Sand Bed Channel Due To Bar Formation

PARALLEL SESSION 2: 14.00 – 15.10 (PENDETA 1)**WATER RESEARCH****CHAIRPERSON: MOHD ARIFF AHMAD NAZRI****TIMER: MOHD KHAIRUL NIZAR SHAMSUDDIN**

TIME	ID	AUTHOR	TITLE
14.00-14.10	1314	Mohd Khairul Nizar Shamsuddin, Wan Nor Azmin Sulaiman, Saim Suratman, Mohammad Firuz Ramli, Anuar Sefie	Hydrochemical Assessment Of Surface water And Groundwater Quality At Bank Infiltration Site
14.10-14.20	1428	Zamsalwani Zamri, Junaidah Ariffin, Jazuri Abdullah, Awang Nasrizal Awang Ali	The lateral migration studies : A review
14.20-14.30	1449	Mohd Ariff Bin Ahmad Nazri, Tan Lai Wai, Hartini Binti Kasmin, Syafalni S, Ismail Bin Abustan	Geophysical and Hydrochemical Characteristics of Groundwater at Kerian Irrigation Scheme
14.30-14.40	1425	Azlinda Saadon, Junaidah Ariffin, Jazuri Abdullah	Dimensional Analysis Relationships of Stream bank Erosion Rates
14.40-14.50	1372	Suhaila Binti Sahat, Zulkifli Yusof, Muhamad Askari, Alan D. Ziegler	Estimation of Soil Erosion Rates in Oil Palm Plantation with Different Land Cover
14.50-15.00	1431	Saerahany Legori Ibrahim, Junaidah Ariffin, Jazuri Abdullah, Noor Safwan Muhamad	Jet Erosion Device (Jed) – Measurement Of Soil Erodibility Coefficients
15.00-15.10	1405	Sabariah Musa, Nor Azliana Ariff, Muhamad Nazmie Abdul Kadir, Fatinah Denan, Nurul Sri Arty Arfeeqa Md Zainuddin	Simplified Method for Groundwater Treatment Using Dilution and Ceramic Filter
15.10-15.20	1493	Azrul Normi Idris, Ahmad Zaharin Aris, Sarva Mangala Praveena, Saim Suratman, Ismail Tawnie	Hydrogeochemistry Characteristic in Kampong Salanng, Tioman Island, Pahang, Malaysia

PARALEL SESSION 2: 14.00 – 15.10 (PENDETA 2)**WATER RESEARCH****CHAIRPERSON: MOHD SHALAHUDDIN ADNAN****TIMER: MUSTAFFA ANJANG AHMAD**

TIME	ID	AUTHOR	TITLE
14.00-14.10	1410	Mustaffa Anjang Bin Ahmad, Rosli, M.F. , Mohd Adib Mohammad Razi, Rosli, M.I., Masiri Kaamin, Saifullizan Mohd Bukari	A Study Of Flood Evacuation Center By Using GIS And Remote Sensing Technique
14.10-14.20	1399	Ahmad Farhan Hamzah, Mohd Fauzi Mohamad, Mohd Kamarul Huda Samion, Ernie Abd Manan	Barrage Physical Modelling for Sungai Sarawak Flood Mitigation Plan
14.20-14.30	1371	Muhammad Zaki Mohd Kasim, Aminuddin Ab. Ghani, Nor Azazi Zakaria, Chang Chun Kiat, Leow Cheng Siang	Assessment the Role of Flood Control of Paddy Fields in Muda irrigation Scheme, Malaysia (Region 3)
14.30-14.40	1384	Saifullizan Mohd Bukari, Mohamad Abdul Rahman, Masiri Kaamin, Syamimi Yusof	Flood Prone Areas Detection Through Geographical Information System (GIS) and Water Balance Model in Batu Pahat
14.40-14.50	1437	Mohd Shalahuddin Adnan, Norfathiah Che Ali, Yuliarahmalia Erfen	Developing Flood Mapping Of Sungai Segamat At Bandar Segamat Using Infowork RS
14.50-15.00	1309	Nuryazmeen Farhan Haron, Wardah Tahir	Hydrodynamic and Salinity Intrusion Model in Selangor River Estuary
15.00-15.10	1406	Sabariah Musa, Mohd Shalahuddin Adnan, Syafiqa Ayob	Flood Water Level Mapping and Prediction Due To Dam Failures

PARALEL SESION 1: 11.30 – 12.40 (PENDETA 3)
ENVIRONMENTAL ENGINEERING
CHAIRPERSON: RADIN MAYA SAPHIRA RADIN MOHAMED
TIMER: NOR AMANI FILZAH MOHD KAMIL

TIME	ID	AUTHOR	TITLE
11.30-11.40	1374	Motasem S Abualqumboz, Nurul Izma Mohammed, Amirhossein Malakahmad, Amina N Nazif	Possibility of Surface Ozone Formation inside Underground Enclosed Microenvironments in Malaysia
11.40-11.50	1382	Amina Nasir Nazif, Nurul Izma Mohammed, Amirhossein Malakahmad, Motasem S. Abualqumboz	Regression Analysis And Percentile Computation Of Particulate Matter Using An Industrial Air Quality Monitoring Station
11.50-12.00	1445	Radin Maya Saphira Radin Mohamed, Nik Mohd Shahrul Nizam NAB, Al-Gheethi AA, Amri Lajis, and Amir Hashim Mohd Kassim	Particulate Matter Levels In Ambient Air Adjacent To Industrial Area
12.00-12.10	1467	Radin Maya Saphira Radin Mohamed, Musthapa, S.Z, Azman, I.N., Amir Hashim Mohd Kassim, Lou, X.F.	The Level Of Particulate Matter (Pm10) Of Indoor And Outdoor Air Quality In University Buildings
12.10-12.20	1411	Nor Amani Filzah Mohd Kamil, Suhaimi Abdul Talib	Biodegradation of PAHs in soil: Influence of initial PAHs concentration
12.20-12.30	1420	Aeslina Abd Kadir, Siti Nur Muliyani Ismail, Siti Noratifah Jamaludin	Food Waste Composting Study From Makanan Ringan Mas
12.30-12.40	1424	Aeslina Abd Kadir, Nur Lina Shahirah Abd Rahman, Nur Wahidah Azhari	The Utilization Of Banana Peel In The Fermentation Liquid In Food Composting

PARALEL SESION 1: 11.30 – 12.50 (TURQUOISE ROOM)**ENVIRONMENTAL ENGINEERING****CHAIRPERSON: MOHD BAHARUDIN RIDZUAN****TIMER: NABILAH ZAYADI**

TIME	ID	AUTHOR	TITLE
11.30-11.40	1474	Wellson Rasit, Norzila Othman, Hazel Monica Matias-Peralta	The Characterization of Chlorophyll-a and Microalgae Isolation Process of Wastewater Collected at Sembrong Dam
11.40-11.50	1472	Syazwani Asharudin, Nabilah Zayadi, Wellson Rasit, Norzila Othman	Water quality characteristics of Sembrong Dam Reservoir
11.50-12.00	1447	Mohd Baharudin Ridzuan, Zawawi Daud, Zulkifli Ahmad, Ab Aziz Abd Latiff	Identification Of Biological Matters From Palm Oil Mill Effluent
12.00-12.10	1448	Mohd Baharudin Ridzuan, Zawawi Daud, Zulkifli Ahmad, Ab Aziz Abd Latiff	Landfill Leachate Treatment By Using UASB
12.10-12.20	1473	Nabilah Zayadi, Rafidah Hamdan, Norzila Othman	A potential waste to be selected as media for metal and nutrient removal
12.20-12.30	1492	Norzila Othman, Suhaimi Abdul Talib, Tay Chia Chay	Optimization of Low Ring Polycyclic Aromatic Biodegradation
12.30-12.40	1468	Zawawi Daud	Treatment Of Kitchen Wastewater Using Banana Trunk Biofibers (Musa Sapientum)
12.40-12.50	1459	Zawawi Daud	Ammoniacal Nitrogen And Cod Removal Using Zeolite-Feldspar Mineral Composite Adsorbent

PARALEL SESION 2: 14.00 – 15.30 (PENDETA 3)**ENVIRONMENTAL ENGINEERING****CHAIRPERSON: RAFIDAH HAMDAN****TIMER: NUR ADILA AB AZIZ**

TIME	ID	AUTHOR	TITLE
14.00-14.10	1385	Nur Adila Ab Aziz, Niranjali Jayasuriya, Linhua Fan	Adsorption of Moringa oleifera seeds and Musa cavendish as Natural Coagulants for Removal of Lead, Nickel and Cadmium from Drinking Water
14.10-14.20	1386	Alhassan Usman Gabi, Hazel Monica Matias-Peralta	The Effect of Physicochemical Parameters on Microalgae of Upeh Guling Endau Rompin National Park
14.20-14.30	1412	Nurul Shuhada Md Desa, Zaidi Ab Ghani, Suhaimi Abdul Talib and Tay Chia Chay	Performance Of Spent Mushroom Farming Waste (Smfw) Activated Carbon For Ni(II) Removal
14.30-14.40	1413	Husna Takaijudin, Aminuddin Ab. Ghani, Nor Azazi Zakaria, Tze Liang Lau	Performance Of Elaeis Guineensis Leaves Compost In Filter Media For Stormwater Treatment Through Column Study
14.40-14.50	1430	Roslan Omar, Abd Aziz Latiff, Rafidah Hamdan, Shazatul Irwan, Elias Ismail, Isa Abu Bakar	A New Logical Finding For The Adsorption Mechanisms Of Adsorbent In A Column Dynamic Reactor
14.50-15.00	1470	Zawawi Daud	Optimisation For Leachate Treatment With Granular Biomeida: Feldspar And Zeolite
15.00-15.10	1481	Mohd Irwan Juki, Anneza Luis Hii, Norzila Othman, T.Husnul, A.Faisal Alshalif	Isolation And Identification Of Concrete Environment Bacteria
15.10-15.20	1486	Mohammed Umar Mustapha	Molecular Identification of Heavy metal resistant (MH4) Brevundimonas sp. Isolated from industrial effluent
15.20-15.30	1415	Aeslina Abd Kadir, Mohamad Syahrul Aizat Mat Sani	Waste Composition Study at Taman Universiti

PARALEL SESION 2: 14.00 – 15.30 (TURQUOISE ROOM)**ENVIRONMENTAL ENGINEERING****CHAIRPERSON: NOR HASLINA HASHIM****TIMER: WAN AFNIZAN WAN MOHAMED**

TIME	ID	AUTHOR	TITLE
14.00-14.10	1435	Ab Aziz Abdul Latiff, Abdulrahman Oyekanmi Adeleke, Zawawi Daud, Mohd Baharudin Ridzuan, Nur Falilah Mat Daud, Jagaba A.H	Adsorption of Cd(II) by Activated Cow Bone Powder from Palm Oil Mill Effluent
14.10-14.20	1442	Mohd Adib Mohammad Razi, Wan Suraya Raihan Wan Suleiman, Rafidah Hamdan	Impregnation Method Of Producing Activated Carbon From Sugarcane Bagasse By Using Phosphoric Acid To Remove Contaminants From Textile Wastewater
14.20-14.30	1444	Kamaluddeen Suleiman Kabo, Abdul Rahim Yacob, Wan Azlee Wan Abubakar, Nor Aziah Buang, Abdu Muhammad Bello, Aminuddin Bn Ruskam	BBD Optimization of K-ZnO Catalyst Modification Process for Heterogeneous Transesterification of Rice Bran Oil to Biodiesel
14.30-14.40	1450	Wan Afnizan Wan Mohamed, Rafidah Hamdan, Norzila Othman	Study of the Maximum Uptake Capacity on Various Sizes of Electric Arc Furnace Slag in Phosphorus Aqueous Solutions
14.40-14.50	1464	Nor Haslina Hashim, Hazlami Mohammad Yusop	Drinking Water Quality of Water Vending Machines in Parit Raja Batu Pahat Johor
14.50-15.00	1482	Adel Ali Saeed Abduh Al Gheeti, Radin Maya Saphira Radin Mohamed	Treatment of Wastewater from Car Washes Using Natural Coagulation and Filtration System
15.00-15.10	1416	Aeslina Abd Kadir, Siti Syafiqah Syarah Zainal Abidin	Solid Waste Composition and Quantification At Taman Melewar, Parit Raja Batu Pahat