

INTERNATIONAL CONFERENCE ON ENVIRONMENT 2010

Park Royal Hotel, 13-15 December 2010

Parallel Technical Paper Sessions

Session 1 A (Monday, 13 December 2010, Time: 1400-1530, Venue: Halia Room)

Category: Sustainable management of environment; wastewater, solids, hazardous waste

14.00-14.15	42	HANIZAH ARIFIN	PERFORMANCE OF ASPERGILLUS FLAVUS AS BIOCOAGULANT IN PALM OIL MILL EFFLUENT WASTEWATER TREATMENT
14.15-14.30	190	ABD HALIM MD ALI	RECOVERY OF HEAVY METALS FROM SPENT ETCHING WASTE SOLUTION OF PRINTED CIRCUIT BOARD (PCB) MANUFACTURING
14.30-14.45	287	PUSHPA JHA	DESIGN & FABRICATION OF BRIQUETTING MACHINE FOR SAW DUST
14.45-15.00	293	TOKO YAMAKAWA	SYNTHESIS OF TITANIA PARTICLES BY HIGH-TEMPERATURE HYDROLYSIS IN GAS PHASE
15.00-15.15	351	WAN SYAIDATUL AQMA WAN MOHD NOOR	A STUDY OF THE PHYSIOLOGICAL RESPONSE OF PSEUDOMONAS PUTIDA CP1 TO TOXIC STRESS
15.15-15.30	358	NGUYEN THI NHAT PHUONG	OPTIMIZATION OF ACID ACTIVATION PROCESS OF WASTE MUD FROM BAUXITE ORE REFINING FOR USE AS ADSORBENT USING RESPONSE SURFACE METHODOLOGY

Session 1 B (Monday, 13 December 2010, Time: 1400-1530, Venue: Jintan Room)

Category: Other related environmental issues

14.00-14.15	45	MEGUMU INABA	PRODUCTION OF C3+ OLEFINS AND PROPYLENE FROM ETHANOL BY MODIFIED H-ZSM-5 ZEOLITE CATALYSTS
14.15-14.30	169	SUDIP PAL	EMISSION PATTERNS OF TRAFFIC-RELATED METALS ON ROADS
14.30-14.45	75	MOHSEN NOSRATI	ANALYSIS OF SYNTROPHIC ANAEROBIC DIGESTION OF VOLATILE FATTY ACIDS USING ENRICHED CULTURES IN A CONTINUOUS REACTOR
14.45-15.00	266	S.M. RAFAEL HARUN	IS THE SPATIAL DISTRIBUTION OF INDUSTRIAL FARMS RAISING THE ISSUE OF ENVIRONMENTAL JUSTICE IN USA?
15.00-15.15	301	SARAVANAN NATARAJAN	BIODEGRADATION OF WASTE WATER CONTAINING HYDROQUINONE USING IMMOBILIZED PSEUDOMONAS PUTIDA AND ASPERGILLUS NIGER
15.15-15.30	434	SAMAH DAFFALLA	PROPERTIES OF ACTIVATED CARBON PREPARED FROM RICE HUSK WITH CHEMICAL ACTIVATION

Session 1 C (Monday, 13 December 2010, Time:1400-1530, Venue: Lawang Room)

Category: Innovative technologies and new directions in solution of environmental issues

14.00-14.15	214	KANNADASAN T	EXPERIMENTAL STUDIES ON SEQUENTIAL ELECTROCHEMICAL AND BIOCHEMICAL OXIDATION OF EFFLUENT CONTAINING P-NITROPHENOL AND OPTIMIZATION USING RSM
14.15-14.30	285	ISDIRIAYANI NURDIN	NICKEL RECOVERY FROM NICKEL AND CHROMIUM CONTAINING WASTEWATER BY ELECTRODEPOSITION METHOD
14.30-14.45	359	Le Nguyen	STUDY OF SWIM-BED TECHNOLOGY FOR COD REMOVAL AND NITRIFICATION FOR LATEX WASTEWATER TREATMENT
14.45-15.00	415	RAFIU YUSUF	A REVIEW ON THE USE OF SEWAGE SLUDGE ASH (SSA) IN THE PRODUCTION OF CEMENT AND CONCRETE
15.00-15.15	441	SAEED GHADAMI JEGARLUEI	UTILIZING SMART TECHNOLOGIES IN WELL COMPLETION; A STEP FORWARD IN PROTECTION OF ENVIRONMENT
15.15-15.30	355(1)	GHASEM NAJAFPOUR	EFFECT OF CARBON SOURCES ON XANTHAN GUM PRODUCTION USING XANTHOMONAS CAMPESTRIS

Session 1 D (Monday, 13 December 2010, Time: 1400-1530, Venue: Pala Room)**Category: Carbon credit and carbon footprints & Environmental awareness, policies and regulation**

14.00-14.15	70	MOHD HAZMI BIN MOHD RUSLI	SHIPPING CONTROLS IN CRITICAL STRAITS: A STUDY OF THE LEGAL FEASIBILITY OF THE DESIGNATION OF THE STRAITS OF MALACCA AND SINGAPORE AS A PARTICULARLY SENSITIVE SEA AREA
14.15-14.30	154	EMMA SUALI	A POTENTIAL OF CO ₂ UTILISATION BY MICROALGAE IN MALAYSIA
14.30-14.45	277	KEN KOIZUMI	SELECTION OF AFFORESTATION METHODS AND ADEQUATE TREE SPECIES AS A COUNTERMEASURE TO CLIMATE CHANGE AND SALINITY PROBLEM
14.45-15.00	278	TOSHIFUMI ITO	ESTIMATION OF ACCOUNTABLE CARBON CREDITS FOR ARID LAND AFFORESTATION USING ASTER IMAGES
15.00-15.15	381	MOHAMMAD GHAZI	PUBLIC INVOLVEMENT ON ENVIRONMENT ISSUES IN MALAYSIA WITH REFERENCE TO KOTA BHARU, KELANTAN
15.15-15.30	481	DAVOOD ERADATMAND ASLI	EFFECT OF CO ₂ ENRICHMENT ON NON-STRUCTURAL CARBOHYDRATES CONTENTS IN WHEAT (TRITICUM AESTIVUM L.)

Session 2 A (Monday, 13 December 2010, Time: 1600-1730, Venue: Halia Room)**Category: Sustainable management of environment; wastewater, solids, hazardous waste**

16.00-16.15	50	ZIVAR GHEZELBASH	AMMONIA REMOVAL FROM NITROGENOUS INDUSTRIAL WASTE WATER USING IRANIAN NATURAL ZEOLITE OF CLINOPTILOLITE TYPE
16.15-16.30	145(2)	DIYA'UDDEEN BASHEER HASAN	REVIEW OF TREATMENT PROCESSES FOR PETROLEUM REFINERY WASTEWATER
16.30-16.45	152	PALLAVI MITRA	SOLAR PHOTO REDUCTION OF HEXAVALENT CHROMIUM IN WASTEWATER WITH ZINC OXIDE SEMICONDUCTOR CATALYST
16.45-17.00	164	PARMESH CHAUDHARI	CATALYTIC WET OXIDATION OF THERMALLY TREATED BIODIGESTER EFFLUENT
17.00-17.15	237	HAMIDREZA JOODAKI	INVESTIGATING THE IMPORTANCE AND NECESSITY OF URBAN STREAMS REHABILITATION
17.15-17.30	342	MOHAMED HASNAIN ISA	ANAEROBIC TREATMENT OF PHARMACEUTICAL WASTEWATER UNDER MESOPHILIC AND THERMOPHILIC CONDITIONS

Session 2 B (Monday, 13 December 2010, Time: 1600-1730, Venue: Jintan Room)**Category: Other related environmental issues**

16.00-16.15	185	RAHBAR RAHIMI	MODELING OF BASIN SOLAR STILL USING CFD
16.15-16.30	324(2)	NGUYEN DAN	APPLICATION OF CONSTRUCTED WETLAND FOR ADVANCED TREATMENT OF INDUSTRIAL WASTEWATER TREATMENT
16.30-16.45	340	A. H. M. FAISAL ANWAR	STATISTICAL CHARACTERIZATION OF ARSENIC CONTAMINATION IN GROUNDWATER
16.45-17.00	444	ABDURAHMAN NOUR	DEMULSIFICATION OF ASPHALTENES AND RESINS STABILIZED EMULSIONS BY VIA IRRADIATION MICROWAVE METHOD
17.00-17.15	496	TOORAJ SOHRABILANGARUDI	ASSESSMENT OF SOME HEAVY METAL POLLUTION IN SURFACE SEDIMENTS OF SOUTH CASPIAN SEA
17.15-17.30	500	NOOR MOHAMMAD	THE ENVIRONMENTAL POLICY AND ADMINISTRATION IN BANGLADESH: AN OVERVIEW

Session 2 C (Monday, 13 December 2010, Time: 1600-1730, Venue: Lawang Room)**Category: Life cycle assessment, risk assessment, health and safety impact assessment**

16.00-16.15	369(4)	THANH BUI XUAN	APPLICATION OF FULL-SCALE SUBMERGED MEMBRANE BIOREACTOR (SMBR) TREATING WASTEWATER OF CARAVELLE HOTEL IN HO CHI MINH CITY, VIET NAM
16.15-16.30	394	MOHAMMAD SADEGH YOUSEFZADEGAN	CONSEQUENCE ANALYSIS FOR PROBABLE ACCIDENTS OF FILTER SEPARATORS INSTALLED IN GAS PRESSURE REDUCTION STATIONS
16.30-16.45	439	ALI BERKTAY	ENVIRONMENTAL APPROACH AND INFLUENCE OF RED TIDE TO DESALINATION PROCESS IN THE MIDDLE EAST REGION
16.45-17.00	485	MUHAMMAD IKRAM	LEAD ACCUMULATIONS IN ANNUAL AND PERENNIAL FLORA OF LAHORE PREMISES BY FIRST ORDER DERIVATIVE AND ATOMIC ABSORPTION SPECTROMETRY
17.00-17.15	260(1)	FARHAD SHAHRAKI	REACTOR-FURNACE RISK ASSESSMENT USING HAZOP PROCEDURE
17.15-17.30			

Session 2 D (Monday, 13 December 2010, Time: 1600-1730, Venue: Pala Room)**Category: Green technologies**

16.00-16.15	506	C LAL	ENERGY CONVERSION AND STORAGE POTENTIAL OF PHOTOGALVANIC CELL BASED ON MIXED DYE SYSTEM: EDTA-FAST GREEN AND CELESTINE BLUE SYSTEM
16.15-16.30	512	HASHEM ABUSANNUGA	INFLUENCE OF GEOMETRICAL VARIABLES OF DARRIEUS WIND ROTOR ON ITS PERFORMANCE
16.30-16.45	531	WAN AHMAD NAJMI WAN MOHAMED	HYDROGEN FUEL CELL IMPLEMENTATION IN MALAYSIA THROUGH INDUSTRIAL AND ACADEMIC COLLABORATION
16.45-17.00	389(2)	JAVAD MALAKOOTIKHAH	PHOTOCATALYTIC REMOVAL OF C.I. ACID BLUE 9 USING REUSABLE ZNO NANOTUBES
17.00-17.15	355(2)	GHASEM NAJAFPOUR	REMOVAL OF LEAD FROM WASTEWATER USING SYNTHESIZED CARBOXYMETHYL CELLULOSE HYDROGEL: EFFECT OF PH AND DEGREE OF SUBSTITUTION OF CARBOXYL GROUP
17.15-17.30	331	NOOR SURAYA ROMALI	APPLICATION OF NATURAL OCCURRING FILTERING MATERIALS (NOFIM) FILTRATION SYSTEM FOR DOMESTIC WASTEWATER TREATMENT

Session 3 A (Tuesday, 14 December 2010, Time: 0900-1045, Venue: Halia Room)**Category: Sustainable management of environment; wastewater, solids, hazardous waste**

09.00-09.15	53	NORAIN ISA	EQUILIBRIUM AND KINETIC STUDIES ON CD(II) ADSORPTION BY SUGARCANE BAGASSE
09.15-09.30	109	H AJITH HEBBAR	OIL AND GREASE REMOVAL FROM WASTEWATER USING LATERITE AS AN ADSORBENT MATERIAL
09.30-09.45	157	CHEN SIEW KIM	REMOVAL OF LEAD FROM AQUEOUS SOLUTION USING ORIGINAL AND BIOMODIFIED PALM SHELL ACTIVATED CARBON (PSAC)
09.45-10.00	160	TAMAL MANDAL	REMOVAL OF COD, SALINITY AND CYANIDE FROM WASTEWATER OF DURGAUR STEEL INDUSTRY (DSP), INDIA BY ADVANCED OXIDATION PROCESS WITH PHOTOOXIDATION AND CU+ CATALYSIS
10.00-10.15	296	GO ENDO	DECOMPOSITION REACTION MECHANISM OF TRICHLOROETHYLENE WITH FENTON'S REACTION
10.15-10.30	403	NOR AZYATI ABDUL MUTTALIB	ADSORPTION OF AMMONIA USING WASTE ACTIVATED SLUDGE FROM PALM OIL MILL EFFLUENT TREATMENT PLANT
10.30-10.45	570	DARIUSH MOWLA	BIODEGRADATION OF GACHSARAN CRUDE OIL UNDER EXTREME ENVIRONMENTAL CONDITIONS BY AN EFFICIENT BACTERIAL CONSORTIUM, ERCPII-2

Session 3 B (Tuesday, 14 December 2010, Time: 0900-1045, Venue: Jintan Room)**Category: Other related environmental issues**

09.00-09.15	104	NURUL SYAKIRA	IMPACT OF ANION AND CATION STATUS IN THE PADDY FIELD DUE TO EXCESS LOADING N FERTILIZER AT KERIAN AGRICULTURE SCHEME
09.15-09.30	181	ABOULGHASEM ROOHI	INVASION DYNAMICS OF THE ALIEN CTENOPHORE MNEMIOPSIS LEIDYI AND ITS IMPACT ON PLANKTONIC COMMUNITY IN THE SOUTHERN CASPIAN SEA
09.30-09.45	192	AMENEH SAJJADI	INVESTIGATION ON INSTABILITY INDICES OF AIR AZ SIMULTANEOUS WITH THE OCCURRENCE OF THE NODULARIA ALGAE BLOOM PHENOMENON IN THE CASPIAN SEA
09.45-10.00	273	NURUL ASHIKIN MUHAMMAD	SCREENING OF PLASMA VITELLOGENIN IN TOR TAMBROIDES USING SODIUM DODECYL SULFATE-POLYACRYLAMIDE GEL ELECTROPHORESIS (SDS-PAGE)
10.00-10.15	294	AYANA SHIMIZU	DECOMPOSITION OF AZO DYE IN WASTEWATER BY OZONATION
10.15-10.30	303	MANIVASAGAN VEERASAMY	A STUDY ON DEGRADATION OF PARACHLOROPHENOL IN WASTE BY PSEUDOMONAS FLUORESCENCE AND RHIZOPUS ORYZAE
10.30-10.45	345	NOR HANA ADAM	CHEMICAL OXYGEN DEMAND(COD) FRACTIONS ON SEMI AEROBIC LANDFILL LEACHATE

Session 3 C (Tuesday, 14 December 2010, Time: 0900-1045, Venue: Lawang Room)**Category: Air pollution mitigation, monitor, control technologies**

09.00-09.15	221	DAVOOD KAHFOROUSHAN	EVALUATION AND ESTIMATION OF PRACTICAL GASOUS POLLUTANTS EMISSION FACTORS FOR GAS
09.15-09.30	268	SARA YASINA YUSUF	TRENDS OF PM2.5 AND PM2.5-10 CONCENTRATIONS IN AMBIENT AIR OF KUALA LUMPUR, MALAYSIA
09.30-09.45	271	CHUN KI LAM	VEHICLE EMISSION MEASUREMENT USING PEMS – SOME EXPERIENCE IN HONG KONG
09.45-10.00	363	THET THET MON	EMISSION INDEX AS AN INDICATOR OF CARBON DIOXIDE EMISSION FROM PERSONAL TRANSPORTS
10.00-10.15	422	WOON CHAN CHONG	THE EFFECT OF EXHAUST GAS STREAM RECIRCULATION ON MULTI-CYCLONES PERFORMANCE
10.15-10.30	554	KAN KHOOMSAB	MONITORING OF SULFATE AND NITRATE FLUXES ABOVE TROPICAL FOREST USING AERODYNAMIC GRADIENT METHOD
10.30-10.45	557	LOW SING EI	ABSORPTION/ REACTION RATES OF CARBON DIOXIDE ON NANO AND MICRO CALCIUM OXIDE AND THEIR DEPENDENCE ON THE EXTENT OF NANO INCLUSIONS

Session 3 D (Tuesday, 14 December 2010, Time: 0900-1045, Venue: Pala Room)**Category: Advances in natural resource exploitation and utilization & Novel solutions and sustainable technologies for the benefits of bottoms billions**

09.00-09.15	57	HUGH BYRD	THE POTENTIAL OF PVS IN DEVELOPING COUNTRIES: MAINTAINING AN EQUITABLE SOCIETY IN THE FACE OF FOSSIL FUEL DEPLETION
09.15-09.30	369(3)	THANH BUI XUAN	STUDY ON APPLICATION OF ANAMMOX PROCESS USING POLYESTER NON-WOVEN CARRIER REACTOR (PNBCR) FOR LATEX PROCESSING WASTEWATER TREATMENT
09.30-09.45	402	MORINA ADFA	TERMITICIDAL AND ANTIFEEDANT ACTIVITIES OF SCOPOLETIN FROM PROTIUM JAVANICUM BURM. F. AND COUMARIN DERIVATIVES
09.45-10.00	407	THIAN HONG NG	EXTRUSION PROCESSING AND CHARACTERISATION OF LIGNOCELLULOSIC BIOMASS FOR BIOFUEL
10.00-10.15	423	FARIHAHUSNAH HUSSIN	STUDIES ON THE ACTIVATION OF MONTMORILLONITE CLAYS
10.15-10.30	425	YUN HIN TAUFIQ-YAP	DEVELOPMENT OF HETEROGENEOUS BASE CATALYSTS FOR BIODIESEL PRODUCTION
10.30-10.45	260(2)	FARHAD SHAHRAKI	CONSEQUENCE ASSESSMENT OF CHLORINE RELEASE IN WATER TREATMENT PLANT

Session 4 A (Tuesday, 14 December 2010, Time: 1400-1530, Venue: Halia Room)**Category: Sustainable management of environment; wastewater, solids, hazardous waste**

14.00-14.15	143	T SWAMINATHAN	A NOVEL INTEGRATED BIO- MEDICAL WASTE TREATMENT SYSTEM FOR SMALL HEALTHCARE ESTABLISHMENTS
14.15-14.30	209	GULNAZIYA ISSABAYEVA	REMOVAL OF COPPER AND LEAD IONS ONTO PALM SHELL ACTIVATED CARBON IN BATCH MODE ADSORPTION
14.30-14.45	255	MALAY CHAUDHURI	COCONUT COIR ACTIVATED CARBON — A NOVEL ADSORBENT FOR HEAVY METAL REMEDIATION IN AQUEOUS ENVIRONMENT
14.45-15.00	353	DALIA DASGPTAMANDAL	AMMONIA & COD REDUCTION BY THE ISOLATED BACTERIA FROM STEEL INDUSTRY EFFLUENTS
15.00-15.15	569	PEYONG YET NEE	DEVELOPMENT OF AEROBIC GRANULES FOR TREATING LOW STRENGTH DOMESTIC WASTEWATER IN EQUATORIAL CLIMATE COUNTRY
15.15-15.30	591	CHIU HAN CHEN	ADSORPTION KINETICS AND EQUILIBRIUM OF METHYLENE GREEN DYE ON IMMOBILIZED BEADS OF PYCNOPOROUS SANGUINEUS

Session 4 B (Tuesday, 14 December 2010, Time: 1400-1530, Venue: Jintan Room)**Category: Other related environmental issues**

14.00-14.15	161	RATNA ROSHIDA AB RAZAK	COLLAPSE OF MESOPOTAMIA: THE ENVIRONMENTAL FACTORS
14.15-14.30	244(2)	NORDIANA MOHD MUZTAZA	DETERMINATION OF SLOPE FAILURE USING GEOPHYSICAL METHODS
14.30-14.45	289	MOHD NORDIN ADLAN	PERFORMANCE OF NEWLY DEVELOPED USM SATURATOR SPRAYER NOZZLE FOR DISSOLVED AIR FLOTATION PROCESS
14.45-15.00	452	MOHAMMAD JAWED	SCOPE FOR THE USE OF COAL ASH IN THE INDIAN COAL MINING INDUSTRY- RELATED LEGAL AND ENVIRONMENTAL ISSUES
15.00-15.15	508	KARIM ULLAH	ACTIVITY BUDGET OF MACACA FASCICULARIS
15.15-15.30	514	UDUAK AKPAN	PHOTOCATALYTIC DEGRADATION OF ANTHRAQUINONIC DYE, ACID BLUE 25 (AB25)

Session 4 C (Tuesday, 14 December 2010, Time: 1400-1530, Venue: Lawang Room)**Category: Green technologies**

14.00-14.15	120	ABDUL QAYOOM JAKHRANI	ESTIMATION OF GLOBAL SOLAR RADIATION FROM SUNSHINE HOURS BY EMPIRICAL RELATIONSHIPS AT SARAWAK STATE
14.15-14.30	281	TOSHIYUKI HAGITA	PHOTOCATALYTIC ACTIVITY OF FLUORIDE COMPOUND-MODIFIED TiO ₂
14.30-14.45	314	W J NOEL FERNANDO	CATALYTIC AND NON CATALYTIC OZONATION OF NITRIC OXIDES
14.45-15.00	317	ACHMAD PRAPTIJANTO	RAPID MONITORING OF FATTY ACID METHYL ESTER IN SONOCHEMISTRY TRANSESTERIFICATION PROCESS USING ATTENUATED TOTAL REFLECTION
15.00-15.15	490	RAHUL KUMAR GOYAL	PERFORMANCE EVALUATION ON THE EXTRACTION OF CHROMIUM BY EMULSION LIQUID MEMBRANE STABILIZED BY AN IONIC LIQUID [BMIM] ⁺ [NTF ₂] ⁻
15.15-15.30	497	VETTRI ARUMUGAM	GREEN ENERGY - PIEZOWATT

Session 4 D (Tuesday, 14 December 2010, Time: 1400-1530, Venue: Pala Room)**Category: Issues of energy in sustainable development**

14.00-14.15	40	SALEM BIN SAADON	ENVIRONMENTAL VIBRATION-BASED MEMS ENERGY HARVESTER FOR GREEN ENERGY SOURCE
14.15-14.30	139	MAHAVEER GENWA	PHOTO GALVANIC CELL AS A TOOL FOR RENEWABLE ENERGY
14.30-14.45	188	K R GENWA	PHOTO GALVANIC CELL: A NEW SOLUTION PHASE DEVICE FOR SOLAR ENERGY CONVERSION AND STORAGE
14.45-15.00	201	ABDUL HALIM ABDUL RAZIK	ENHANCEMENT OF CARBON DIOXIDE (CO ₂) REMOVAL IN LIQUEFIED NATURAL GAS (LNG) PRODUCTION SYSTEM
15.00-15.15	247	LOOI PHAIK YEE	HYDROCRACKING OF RESIDUAL OIL USING MESOPOROUS CATALYST
15.15-15.30	361	EGI AGUSTIAN	TRANSESTERIFICATION OF BIODIESEL FROM WASTE COOKING OIL USING ULTRASONIC TECHNIQUE

Session 5 A (Tuesday, 14 December 2010, Time: 1600-1730, Venue: Halia Room)**Category: Sustainable management of environment; wastewater, solids, hazardous waste**

16.00-16.15	145(1)	DIYA'UDDEEN BASHEER HASAN	OPTIMIZING REMAZOL BLACK B MINERALISATION USING FENTON-LIKE PROCESS
16.15-16.30	387	MAJID KARIMPOURREIHAN	ASSESSMENTS OF SOILPHYSICO-CHEMICAL PROPERTIES OF PLAYA WETLANDS AND THEIR EFFECT ON PLANTS DISTRIBUTION (CASE STUDY, HOZ SOLTAN, QOM)
16.30-16.45	388	NASER MASHHADI	THE DUPLEX BEHAVIOR OF COMBATING DESERTIFICATION PRACTICES (CASE STUDY: KERMAN ERG)
16.45-17.00	470	REZA DABBAGH	SCREENING SOME SEAWEEDES AS A LOW COST BIOSORBENT AND A COMPARATIVE STUDY ON THE STRONTIUM SORPTION
17.00-17.15	483	SUBAKAR SE	WASTE HEAT HARNESSING IN AUTOMOBILES FOR ONBOARD AUXILIARY POWER GENERATION USING THERMOPHOTOVOLTAICS
17.15-17.30	551	DEVINDER KUMAR GAUTAM	WATER QUALITY MODELING OF SEER STREAM IN LOWER HIMALAYAS

Session 5 B (Tuesday, 14 December 2010, Time: 1600-1730, Venue: Jintan Room)**Category: Air pollution mitigation, monitor, control technologies & Other related environmental issues**

16.00-16.15	261	POOYA LAHIJANI AMIRI	PALM EMPTY FRUIT BUNCH GASIFICATION IN A FLUIDIZED BED USING DOLOMITE AS BED MATERIAL
16.15-16.30	322	MAEDEH MOHAMMADI	PREPARATION OF ACTIVATED CARBON FROM PALM SHELL THROUGH VARIOUS ACTIVATION METHODS
16.30-16.45	324(3)	NGUYEN DAN	STUDY ON APPLICATION OF ANAEROBIC PVA GEL CARRIER REACTOR FOR LATEX PROCESSING WASTEWATER TREATMENT
16.45-17.00	362(3)	MOHD AZMIER AHMAD	CARBON MOLECULAR SIEVE MEMBRANE SYNTHESIS FROM POLYFURFURYL ALCOHOL: EFFECT OF CARBONIZATION TEMPERATURE ON CO ₂ /N ₂ SELECTIVITY
17.00-17.15	371	ESLAM KASHI	VELOCITY AND HEAT TRANSFER EFFECTS ON DISPERSION OF DENSE GAS BY CFD
17.15-17.30	460	ALI MOHAMMAD BAHRAMI	PREVENTIVE SUPPORTIVE EFFECTS OF SCROPHULARIA STRIATA PLANT EXTRACT AGAINST NEWCASTLE DISEASE IN RACING PIGEONS

Session 5 C (Tuesday, 14 December 2010, Time: 1600-1730, Venue: Lawang Room)**Category: Innovative technologies and new directions in solution of environmental issues**

16.00-16.15	85	KISHORE KUMAR KADIMPATI	STUDIES ON BIOSORPTION OF CADMIUM ON GRAPE POMACE: OPTIMIZATION USING FACTORIAL EXPERIMENTAL DESIGN
16.15-16.30	189	JAY RAJAPAKSE	FIRST FULL-SCALE TRIALS OF PEBBLE MATRIX FILTRATION
16.30-16.45	389(3)	JAVAD MALAKOOTIKHAH	GREEN INTELLIGENCE: COLLABORATION BETWEEN HUMAN INTELLIGENCE AND ENVIRONMENTAL INTELLIGENCE
16.45-17.00	454	SEYED MOHSEN HOSSEINI	COMPARISON OF SOIL CARBON SEQUESTRATION UNDER PINUS ELDERICA AND FRAXINUS ROTUNDIFOLIA PLANTATION WITH DETERIORATED RANGELAND IN TEHRAN
17.00-17.15	84(2)	ALI AHMADPOUR	RAPID REMOVAL OF HEAVY METAL IONS FROM AQUEOUS SOLUTIONS BY LOW COST ADSORBENTS
17.15-17.30	355(4)	GHASEM NAJAFPOUR	PERFORMANCE OF ANAEROBIC BAFFLED REACTOR (ABR) FOR THE TREATMENT OF PHENOLIC WASTEWATER WITH THE AID OF BIOLOGICAL SLUDGE

Session 5 D (Tuesday, 14 December 2010, Time: 1600-1730, Venue: Pala Room)**Category: Environmental awareness, policies and regulation & Issues of energy in sustainable development**

16.00-16.15	141	AQEEL AHMED BAZMI	PROGRESS & CHALLENGES IN UTILIZATION OF PALM OIL BIOMASS AS FUEL FOR DECENTRALIZED ELECTRICITY GENERATION
16.15-16.30	179	MUHAMMAD SHAHBAZ	THE IMPACT OF FINANCIAL DEVELOPMENT ON ENERGY CONSUMPTION IN PAKISTAN: ARDL BOUNDS TEST APPROACH TO COINTEGRATION
16.30-16.45	385	ABU TALEB	A HYDROLOGICAL ASSESSMENT OF RIVERBANK EROSION OF THE MEGHNA RIVER AT HAIMCHAR UPAZILA, CHANDPUR DISTRICT, BANGLADESH
16.45-17.00	453	AHMED SAADI	NEW METHOD FOR MONITORING DEMULSIFICATION IN OIL INDUSTRY
17.00-17.15	471	SITI ROHANA MOHD YATIM	THE EFFECTIVENESS AND PUBLIC INVOLVEMENT IN LOCAL COUNCIL RECYCLING PROGRAM: A CASE STUDY
17.15-17.30	251	SARINA OTHMAN	MODELING OF LITHIUM CHLORIDE RESIDENCE TIME DISTRIBUTION USING TANKS-IN-SERIES APPROACH TO INVESTIGATE THE EFFECT OF BAFFLING AND ASPECT RATIO ON THE FLOW HYDRAULICS OF UNVEGETATED, GRAVEL-BASED REED BEDS

Session 6 A (Wednesday, 15 December 2010, Time: 0900-10.45, Venue: Halia Room)**Category: Sustainable management of environment; wastewater, solids, hazardous waste**

09.00-09.15	62	RASOUL GHORBANI	FARMLANDS PROTECTION AND URBAN DEVELOPMENT POLICIES IN IRAN
09.15-09.30	129	SHAMSUL KAMAL SULAIMAN	RECENT PROGRESS ON THE USE OF CALCAREOUS SANDSTONE AS NEUTRALIZING_AGENT
09.30-09.45	378	MAZURA JUSOH	TREATMENT OF TEXTILE WASTEWATER USING PROGRESSIVE FREEZE CONCENTRATION WITH MULTI-WIND CRYSTALLISER
09.45-10.00	399	SITI FAIRUZ JUIANI	REMOVAL OF OIL AND GREASE FROM ELECTROPLATING INDUSTRY WASTEWATER
10.00-10.15	528	MEHRUNISA MEMON	COMPARATIVE EVALUATION OF ORGANIC WASTES FOR IMPROVING MAIZE GROWTH AND NPK CONTENT
10.15-10.30	413	VASANTHI SETHU	BIOSORPTION OF CU(II) IONS FROM AQUEOUS SOLUTIONS USING NEEAM (<i>AZADIRACHTA INDICA</i>) LEAF POWDER – TEMPERATURE AND METAL ION CONCENTRATION EFFECTS
10.30-10.45	438	MOHD OSMAN SAEED	PRELIMINARY ASSESSMENT OF LANDFILL'S CRITERIA AND TOWN PLANNING

Session 6 B (Wednesday, 15 December 2010, Time: 0900-10.45, Venue: Jintan Room)**Category: Other related environmental issues**

09.00-09.15	68	AFSANEH SHAHBAZI	BATCH AND FIXED-BED COLUMN ADSORPTION OF HEAVY METALS FROM AQUEOUS SOLUTION BY FUNCTIONALIZED NANO-POROUS SILICA
09.15-09.30	207	MASITAH HJ MOHAMMAD YUSOF	FACTORS INFLUENCE SELF-EFFICACY IN ENVIRONMENTAL EDUCATION AMONG MALAYSIAN SECONDARY SCHOOL TEACHERS
09.30-09.45	233	SEMRA MALKOC	STREET DUST POLLUTION OF SOME METALS ALONG ESKISEHIR URBAN ROADS, TURKEY
09.45-10.00	466	SURIANI ABDULLAH	HEAVY METALS REMOVAL FROM INDUSTRIES WASTEWATER BY USING SEAWEED
10.00-10.15	479	MAJID YASOURI	SPATIAL INEQUALITY AND SUSTAINABLE DEVELOPMENT IN NORTH EAST OF IRAN
10.15-10.30	480	NORZILA OTHMAN	DEGRADATION OF POLYCYCLIC AROMATIC HYDROCARBON BY PURE STRAIN ISOLATED FROM MUNICIPAL SLUDGE: SYNERGISTIC AND COMETABOLISM PHENOMENA
10.30-10.45	518	MASNIROSZAIM MD ZAIN	IMMOBILISED YEAST CELLS (TUAK SARAWAK) FOR BIOETHANOL

Session 6 C (Wednesday, 15 December 2010, Time: 0900-10.45, Venue: Lawang Room)**Category: Green technologies**

09.00-09.15	78	VICINISVARRI INDERAN	THE CATALYTIC CONVERSION OF CHLOROFLUOROCARBON (CFC-12) INTO OZONE FRIENDLY SUBSTANCES USING TUNGSTEN CARBIDE SUPPORTED ON PALM KERNEL SHELL ACTIVATED CARBON
09.15-09.30	108	NASRULLAH RCL RAZALI	HEAVY METAL REMOVAL FROM WASTEWATER USING SYNTHESIZED ZSM-5 NANOCRYSTAL
09.30-09.45	119	DEEPAK KUNZRU	DEVELOPMENT OF A MICROFUEL PROCESSOR: OXIDATIVE STEAM REFORMING OF ETHANOL AND WATER-GAS SHIFT CATALYSTS IN A MICROREACTOR REACTION ON NOBLE METAL
09.45-10.00	150	SYUTARO HAYAKAWA	GROWTH ENHANCEMENT OF EUCALYPTUS ROOT BY 50 HZ A.C. ELECTRIC FIELD
10.00-10.15	202	CS CHEUNG	INFLUENCE OF FUMIGATION ETHANOL ON DIESEL ENGINE EMISSIONS
10.15-10.30	227	SINTAYEHU MEKURIA HAILEGIORGIS	IN SITU TRANSESTERIFICATION OF NON-EDIBLE OIL SEEDS IN THE PRESENCE OF CETYLTRIMETHYLAMMONIUM BROMIDE
10.30-10.45	265	SELVAN GOVENDER	ACCELERATED AND SUSTAINABLE TECHNOLOGY INTERVENTIONS IN RURAL SOUTH AFRICA – OPPORTUNITIES FOR ‘LEAPFROGGING’

Session 6 D (Wednesday, 15 December 2010, Time: 0900-10.45, Venue: Pala Room)**Category: Green technologies**

09.00-09.15	84(1)	ALI AHMADPOUR	USING NANO SILICA-SUPPORTED PREYSSLER AS A GREEN AND ECO-FRIENDLY CATALYST FOR EFFICIENT SYNTHESIS OF ASPIRIN
09.15-09.30	156(1)	ANITA KHANAFARI	AN IN-VITRO INVESTIGATION OF BIOCONVERSION $CaCl_2$ TO $CaCO_3$
09.30-09.45	356	ALI ASGHAR GHOREYSHI	THE EFFECT OF SUBSTRATE CONCENTRATION ON THE ELECTRICAL PERFORMANCE OF MICROBIAL FUEL CELL (MFC)
09.45-10.00	360	MEHRI ESFAHANIAN	OPTIMAZATION OF ETHANOL PRODUCTION BY SACCHAROMYCES CEREVISIAE AS FUNCTION OF PH AND TEMPERATURE: BATCH FERMENTATION
10.00-10.15	467	BIJAN BINA	EFFECTIVENESS OF MORINGA OLEIFERA COAGULANT PROTEIN AS NATURAL COAGULANT AID IN REMOVAL OF TURBIDITY AND BACTERIA FROM TURBID WATERS
10.15-10.30	572	MD NOOR ARIFIN	BIODEGRADATION BEHAVIOR OF PALM OIL FIBER REINFORCED STARCH BIOCOMPOSITE
10.30-10.45	341	ROHANI MOHD ZIN	COMPLEX COLUMNS: A GREEN TECHNOLOGY SOLUTION FOR NATURAL GAS PROCESSING PLANT TOWARDS SUSTAINABLE ENVIRONMENT

Session 7 A (Wednesday, 15 December 2010, Time: 1400-1545, Venue: Halia Room)**Category: Sustainable management of environment; wastewater, solids, hazardous waste**

14.00-14.15	60	AREZO KARIMIAN	THE SIMULTANEOUS APPLICATION OF GIS AND WATER QUALITY INDEX (WQI) FOR RIVER WATER QUALITY ZONATION (CASE STUDY: ZOHREH RIVER, KHUZESTAN, IRAN)
14.15-14.30	63	HARSHAD KULKARNI	CONSTRUCTED WETLANDS: LOW COST WASTEWATER TREATMENT SYSTEM
14.30-14.45	216	AHMAD FIRMAN MASUDI	QUANTIFICATION METHODS FOR CONSTRUCTION WASTE GENERATION AT CONSTRUCTION SITES: A REVIEW
14.45-15.00	267	SHAMSUL RAHMAN MOHAMED KUTTY	NITRIFICATION USING SUBMERGED MICRO BUBBLES DIFFUSER IN AN AERATION SYSTEM
15.00-15.15	450	AHMET AYGUN	IMPROVEMENT OF COAGULATION-FLOCCULATION PROCESS FOR TREATMENT OF DETERGENT WASTEWATERS USING COAGULANT AIDS
15.15-15.30	532	KHALED SHAHOT	VERIFY THE EFFICIENCY OF SEWAGE TREATMENT PLANT OPERATE IN A MANNER ACTIVATED SLUDGE AT LOW TEMPERATURE
15.30-15.45	533	MOHAMMAD-SALEEM AKHTAR	HEAVY METALS TRANSPORT THROUGH FIELD SOILS DIFFERING IN VADOSE ZONE STRUCTURED

Session 7 B (Wednesday, 15 December 2010, Time: 1400-1545, Venue: Jintan Room)**Category: Other related environmental issues**

14.00-14.15	155	SYEDA AZEEM UNNISA	EFFICEINCY STUDIES OF AGRO BASED SEEDS AND SOLAR ENERGY IN TREATING TURBID WATER
14.15-14.30	269	IQBAL HOSSAIN	CALIBRATION OF A CATCHMENT WATER QUALITY MODEL FOR CONTINUOUS SIMULATIONS OF SS, TN AND TP
14.30-14.45	346	MIRZA MUNIR	ANALYSIS OF FUEL STATIONS HAZARDS BY USING RISK ASSESSMENT CRITERIA
14.45-15.00	372	DAVOOD JAHANI	SEDIMENTARY ENVIRONMENT AND SALT DEPOSITS OF THE GARMSAR PLAYA (NORTHERN IRAN)
15.00-15.15	389(5)	JAVAD MALAKOOTIKHAH	SELECTION OF AN APPROPRIATED METHOD OF SOLID WASTE REUSE IN THE TOWN OF ROUDEHEN
15.15-15.30	355(3)	GHASEM NAJAFPOUR	OXIDATION OF REDUCED SULFUR COMPOUNDS IN A BATCH CULTURE OF THIOBACILLUS THIOPARUS
15.30-15.45	409	HOSSEIN GANJIDOUST	EVALUATION OF DISINTEGRATION CAPACITY AND SLUDGE REDUCTION BY ULTRASONIC

Session 7 C (Wednesday, 15 December 2010, Time: 1400-1545, Venue: Lawang Room)**Category: Advances in natural resource exploitation and utilization**

14.00-14.15	215	FATEMEH RAZAVIAN	INTRIDUCING A NEW MATHEMATICAL MODEL FOR THE STATIONARY SOURCES OIL SPILL RISK ASSESSMENT IN OFFSHORE ZONE (OLD NOROUZ DISTRICT)
14.15-14.30	225	MUHAMMAD NOOR HISYAM JUSOH	IRON IN GROUNDWATER FROM METASEDIMENTARY ROCK AQUIFER AND ITS REMOVAL BY OXIDATION
14.30-14.45	306	SITI NOR IDAYU NGATENAH	OPTIMIZATION OF HEAVY METAL REMOVAL FROM AQUEOUS SOLUTION USING GROUNDWATER TREATMENT PLANT SLUDGE (GWTPS)
14.45-15.00	440	SITI NUURUL HUDA	A STUDY OF MICROWAVE SEPARATION ON WATER-IN-CRUDE OIL EMULSIONS
15.00-15.15	446	MOHD SHUKRI	A STUDY OF PHYSICO-CHEMICAL ANALYSIS OF ESSENTIAL OIL EXTRACTION FROM DRIED GINGER BY HYDRODISTILLATION
15.15-15.30	520	AMIR KHAN SUWANDI	ENGINEERING CHARACTERISTICS OF SABAH BENTONITE AS MATERIAL MIXTURE FOR LANDFILL LINER
15.30-15.45	538	IBTESAM HABIB	EFFECT OF ROUNDED PIERS WITH SLOPED FACE ON REDUCTION OF LOCAL SCOUR

Session 7 D (Wednesday, 15 December 2010, Time: 1400-1545, Venue: Pala Room)**Category: Carbon credit and carbon footprints + C6 Innovative technologies and new directions in solution of environmental issues**

14.00-14.15	69	KAZEM NOSRATI	LOSS OF DISSOLVED ORGANIC CARBON (DOC) FROM SUB-CATCHMENT RUNOFF, HASHTGERD DRAINAGE BASIN, IRAN
14.15-14.30	198	MOHD ZULKIFLI MOHAMAD NOOR	THE POTENTIAL OF HYBRID BIO-MEMBRANE FOR REFINERY WASTE WATER TREATMENT: A REVIEW
14.30-14.45	211	ATIKAH FUKAIHAH AMIR	AN EXPERIMENTAL APPROACH TO COMPARE CARBON SEQUESTRATION RATE OF FOUR SPECIES OF LEGUME USED AS BIOLOGICAL FAÇADE
14.45-15.00	396	ULKER OGUTVEREN	TREATMENT OF REAL TEXTILE WASTEWATER BY ELECTROCOAGULATION
15.00-15.15	389(4)	JAVAD MALAKOOTIKHAH	A STUDY ON EARTHWORMS' METAL BIOACCUMULATION IN VERMICOMPOSTING AND THE EFFECT OF PH AND MOISTURE
15.15-15.30			
15.30-15.45			