

**THE 1ST IWA MALAYSIA YOUNG WATER PROFESSIONALS CONFERENCE (IWAYWP2010)
2-4 MARCH 2010 BEST WESTERN PREMIER SERI PACIFIC HOTEL, KUALA LUMPUR**

1st March 2010 Venue: Ballroom Foyer				
8.30-5.30	Pre-workshop on TRANSBOUNDARY WATER MANAGEMENT ISSUES & APPLICATIONS OF RIVER WATER QUALITY MODELING IN INTEGRATED CATCHMENT MANAGEMENT			
8.00pm-10.00pm	Pre-Registration			
Day-2 : 2nd March 2010				
8.00am-9.00am	Registration			
9.00am-9.15am	Welcoming Address by 1 st IWAYYP Organizing Chairman			
9.15am-10.15am	KEYNOTE ADDRESS 1 (Prof. Gustaf Olsson – Water and Energy Efficiency – a close link) Venue: Pacific Ballroom A - level 2			
10.15am-10.30am	Tea break			
10.30 am-10.40 am	<i>Parallel Session 1</i>			
	SESSION 1A (Venue: Pacific Ballroom A - level 2) <i>Theme: Water And Wastewater Treatment</i>	SESSION 1B (Venue: Pacific Ballroom C - level2) <i>Theme: WATER AND WASTEWATER TREATMENT</i>	SESSION 1C (Venue: Bunga Raya Room - level 3) <i>Theme: WATER UTILIZATION</i>	SESSION 1D (Venue: Bunga Anggerik- level 3) <i>Theme: Advanced analytical Techniques</i>
10.45 – 11.00	ID 110 Bi-functional TiO ₂ /AC composite for adsorption and photocatalytic degradation of recalcitrant organics under solar light: Insights and outlook	ID167 Occurrence of Sludge Granulation in an Enhanced Biological Phosphorus Removal Sequencing Batch Reactor	ID 193 Rehabilitation of Tambang Water Distribution System, Segamat, Johor	Id 165 Optimization of Rainfall Observation Network in Klang Valley
11.00 – 11.15	ID 113 Removal of Disperse Red 343 from Aqueous Solution by Coconut Coir Activated Carbon	ID169 The Effect of Salt Additives on Polyethersulfone (PES) Ultrafiltration Membranes Prepared by Novel Microwave Irradiation Technique	ID 103 Automated Targeting for Total Water Network with Fixed Removal Ratio Type Treatment System	Id 164 Climate Change Impacts on Crop Water Requirements in the Rafsanjan Plain of Iran
11.15-11.30	ID 117 Ozone Decomposition	ID177 Facultative Granular	ID 104 Mineralization of textile dye	ID 145 Investigation the Effect of

**THE 1ST IWA MALAYSIA YOUNG WATER PROFESSIONALS CONFERENCE (IWAYWP2010)
2-4 MARCH 2010 BEST WESTERN PREMIER SERI PACIFIC HOTEL, KUALA LUMPUR**

	Model: Simulation of Complex Macromolecules Using Model Promoter and Inhibitors	Sludge as Compact Treatment System for Textile Dyeing Wastewater Treatment	RO16 and toxicity bioassay using Daphnia Magna	Industrial Development on Groundwater Pollution in Arid Zone(Case Study:Yazd Province)
11.30-11.40	ID228 Using seven types of GM (1, 1) model to predict suspended solids and chemical oxygen demand in hospital wastewater treatment plant effluent	ID 195 Biodegradation of Macrolide Antibiotic Tylosin in an Anaerobic Reactor	ID 132 Overcoming Pressure Deficiency in Sungai Rengit Water Distribution System	ID 188 Fitting Optimum Order Of Markov Chain Models For Hourly Rainfall For Johor, Damansara And Kelantan
11.40-11.45	Break			

11.45am-1.00pm	Parallel Session 2			
	SESSION 1A (Venue: Pacific Ballroom A - level 2) Theme: Water And Wastewater Treatment	SESSION 1B (Venue: Pacific Ballroom C - level 2) Theme: WATER AND WASTEWATER TREATMENT	SESSION 1C (Venue: Bunga Raya Room - level 3) Theme: WATER UTILIZATION	SESSION 1D (Venue: Bunga Anggerik- level 3) Theme: Advanced analytical tech
11.45-12.00	ID238 Chemical Characterization and Bio-toxicity Testing of Leachate from Municipal Solid Waste Landfill with Different Degree of Treatment	ID 105 Mineralization and discoloration of textile wastewater by TiO2 nanoparticles	ID 171 Reduction of Peak Water Consumption in urban Water Supply Networks	ID 140 Prediction of Dam Breach Activity and Establishment of Inundation Maps under PMF Failure Scenario via Hydrodynamic Modelling: Case Study of Kenyir Hydroelectric Scheme, Malaysia
12.00-12.15	ID 205 Investigation of Lab-Scale of Hybrid-Sequencing Batch Reactor (H-SBR) in Enhancement of Nutrient and Organic Removal from Palm Oil Mill Effluent (POME)	ID 248 Biodegradation and Fouling Phenomenon on Aerobic Submerged Membrane Bioreactor Coupled with PAC in Palm Oil Mill Effluent Treatment	ID 174 Investigation of the leakage Performance Indexes in Municipal Water Distributing Network (a Case Study Mahabad City, Iran	ID 191 Evaluating Floodplain Management Alternatives Using Multi Criteria Decision Making (MCDM) Approach
12.15-12.30	ID 208 Formation of aerobic granular sludge with palm oil mill effluent (POME)	ID 166 Bioremediation of Thiobencarb in Contaminated Soil via Co-metabolism of Methanotrophs	ID 242 Overcoming Pressure Deficiency in A Water Distribution system by EPANET	ID 186 A STUDY ON RAINFALL DISAGGREGATION FOR SG. JOHOR, SG. DAMANSARA AND KELANTAN
12.30-12.45	ID 209 Bioremediation of	ID 161 Removal of Phenol Using	ID 244	ID 187 Stochastic

**THE 1ST IWA MALAYSIA YOUNG WATER PROFESSIONALS CONFERENCE (IWAYWP2010)
2-4 MARCH 2010 BEST WESTERN PREMIER SERI PACIFIC HOTEL, KUALA LUMPUR**

	Palm Oil Mill Effluent (POME) by MicroClear (PI 20092387)	Bacterial Consortium Immobilized on Rubber Wood Shavings	Background Loss Reduction by Excessive Pressure Cut-Off	Disaggregation Methods for Generating Fine Time Scale Rainfall Data: Recent Application of BLRP & NSRP with the Adjusting Procedures
12.45-1.00	ID 179 Process Development to Produce Polyhydroxyalkanoates (PHAs) from Fermented Palm Oil Mill Effluent Using Anaerobic-Aerobic Sequence Batch Reactor	ID 176 Photosynthetic Aerobic Granular Sludge: Optimization of Photosynthetic Condition for Facultative Phototrophic Bacterial Growth in a Sequencing Batch Reactor	ID 243 Riverbank Filtration : Developing Countries Choice for Water Supply Treatment, Egypt Case	ID 230 A Practical Evaluation for Education and Management Priority of River Watch Volunteer Based on Analytical Hierarchy Process
1.00-1.15	<i>O&A</i>	<i>O&A</i>	<i>O&A</i>	
1.00pm-2.15pm	Lunch			
2.15pm-3.00pm	Opening Ceremony Venue: Pacific Ballroom A - level 2			
3.00 pm-4.00pm	KEYNOTE ADDRESS 2 (Prof. Dato' Ir. Dr. Zaini Ujang - Value Creation in Water Research) Venue: Pacific Ballroom A - level 2			
4.00-4.15	Refreshments			
4.15pm-5.15pm	Parallel Session 3			
	SESSION 3A (Venue: Pacific Ballroom A - level 2) <i>Theme: Water And Wastewater Treatment</i>	SESSION 3B (Venue: Pacific Ballroom C - level 2) <i>Theme: WATER AND WASTEWATER TREATMENT</i>	SESSION 3C (Venue: Bunga Raya Room - level 3) <i>Theme: WATER UTILIZATION</i>	
4.15-4.30	ID 196 Pilot-scale Removal of Chromium from Industrial Waswater Using the ChromeBac TM System	ID150 Biodegradation of Phenolic Environmental Pollutants in Organic Media by Free and Sol-Gel Laccase	ID 182 Source-To-Tap Management and Monitoring of Water Quality	
4.30-4.45	ID 147 Magnetic Nanoparticle Beads and Characterization for Zinc Removal	ID 151 The Potential Application of Lignocellulosic Wastes for Treating Produced Water from Oil and	ID 207 Analytical Technique for The Studies of Liquid Pollutant: Reversed Flow-Gas Chromatography Approach	

**THE 1ST IWA MALAYSIA YOUNG WATER PROFESSIONALS CONFERENCE (IWAYWP2010)
2-4 MARCH 2010 BEST WESTERN PREMIER SERI PACIFIC HOTEL, KUALA LUMPUR**

		Natural Gas Industrie		
4.45-5.00	ID148 Removal of Mercury (II) from Aqueous Solution by Adsorption Using Lignocellulosic Coconut Waste	ID 239 Biomass Effect on Membrane Fouling Using a Hybrid Membrane Bioreactor for Palm Oil Mill Effluent	ID 184 Sustainable Technologies- Reducing Distribution System Water Losses	
5.00-5.15		ID 246 The Determination of Heavy Metals and Endocrine Disrupting Chemicals (EDCs) in the Groundwater Samples, Sub District of Baitussalam, Aceh Besar	ID 210 Seasonal and Long-term Changes in Nitrate Content of Water Supply Wells in Upper Egypt	

**THE 1ST IWA MALAYSIA YOUNG WATER PROFESSIONALS CONFERENCE (IWAYWP2010)
2-4 MARCH 2010 BEST WESTERN PREMIER SERI PACIFIC HOTEL, KUALA LUMPUR**

Day-3 : 3rd March 2010

9.00am-10.00am	KEYNOTE ADDRESS 3 (Prof. David Stuckey - Resource Recovery from Wastewater Treatment) Venue: Pacific Ballroom A - level 2		
10.00am-10.30am	Refreshments		
10.30am-11.45am	<i>Parallel Session 4</i>		
	SESSION 4A (Venue: Pacific Ballroom A - level 2) <i>Theme: Water And Wastewater Treatment</i>	SESSION 4B (Venue: Pacific Ballroom C - level 2) <i>Theme: WATER AND WASTEWATER TREATMENT</i>	SESSION 4C (Venue: Bunga Raya Room - level 3) <i>Theme: WATER UTILIZATION</i>
10.30-10.45	Invited Speakers 1 Prof. Thomas Curtis	ID 149 The Used of Coconut Husk (Fiber and Pitch) as a Biosorbent for Silver Ion Recovery from Photography Waste	ID 181 Turning Around Water Service Levels In Selangor, Kuala Lumpur & Putrajaya by SYABAS
10.45-11.00		ID 178 Optimisation of Coagulation Process in Water Treatment Plant Using One-Factor-at-A-Time (OFAT) and Response Surface Methodology (RSM) Jar Tests	ID 114 Performance Improvement of Artificial Neural Network (ANN) Based Model for Multi-Lead Water Level Forecasting
11.00-11.15	ID 225 Development of Mobile Desalination Units Using 16 inch Reverse Osmosis Membranes	ID 189 Optimization of Separation Process for Arsenic Removal in Low Pressure Reverse Osmosis Membrane (LPROM) using Central Composite Rotatable Design (CCRD).	ID 183 Study on Effect of Treated Water on Household Water Filters
11.15-11.30	ID 194 Photocatalytic Degradation Of Textile Dye RO16 and Toxicity Bioassay using Daphnia Magna	ID 202 Magnetic Ferro-Photo Gels for Synergistic Chromium (VI) Reduction: Effect of Catalyst Dosage and Initial Concentration	ID 119 An Augmented Wavelet - Neuro-Fuzzy Module for Enhancing Water Quality Prediction

**THE 1ST IWA MALAYSIA YOUNG WATER PROFESSIONALS CONFERENCE (IWAYWP2010)
2-4 MARCH 2010 BEST WESTERN PREMIER SERI PACIFIC HOTEL, KUALA LUMPUR**

11.30-11.45	ID 240 Electrocoagulation For Suspended Solid Removal In Domestic Wastewater Treatment		ID 185 Public Awareness in Water Supply	
11.45am-12.00pm	BREAK			
12.00pm-1.00pm	<i>Parallel Session 5</i>			
	SESSION 5A (Venue: Pacific Ballroom A - level 2) <i>Theme: Water And Wastewater Treatment</i>	SESSION 5B (Venue: Pacific Ballroom C - level 2) <i>Theme: Water Environment</i>	SESSION 5C (Venue: Bunga Raya Room - level 3) <i>Theme:Water Environment</i>	
12.00-12.15	ID 232 Influence of Storage Shelled Moringa Oleifera Seeds According to Pick Time on Coagulation	ID 220 Fitting an Hourly Spatial Temporal Rainfall Model to a Tropical Urban Catchment	ID 211 Efficacy of Riverbank Filtration for Drinking Water Treatment from Nile in Upper Egypt	
12.15-12.30	ID127 Decolorization of Textile Wastewater by UV/Oxidant Systems	ID 221 Homogeneity Testing on the Daily Rainfall Series in Peninsular Malaysia	ID 235 Assessing the Halda River Flow in the Contexts of Flood and Fish Habitat	
12.30-12.45	ID 222 The Combination of Catalytic Ozonation and Fluidized Bed Treatment for the Control of DBPs	ID 143 Event Mean Concentration (EMC) of Stormwater Runoff from High Density Commercial Area in Malaysia	ID 192 Optimization Of Coagulation Process Using Online Streaming Current Detector At Sg Langat WTP	
12.45-1.00	ID 218 Effect of Fenton operating conditions the performance of the Fenton-SBR process for antibiotic wastewater treatment	ID 123 The zooplankton of the source of river Hrazdan	ID 178 Optimisation of Coagulation Process in Water Treatment Plant Using One-Factor-at-A-Time (OFAT) and Response Surface Methodology (RSM) Jar Tests	
1.00pm-2.00pm	Lunch			
2.00pm-3.15pm	<i>Parallel Session 6</i>			

**THE 1ST IWA MALAYSIA YOUNG WATER PROFESSIONALS CONFERENCE (IWAYWP2010)
2-4 MARCH 2010 BEST WESTERN PREMIER SERI PACIFIC HOTEL, KUALA LUMPUR**

	SESSION 6A (Venue: Pacific Ballroom A - level 2) <i>Theme: WATER AND WASTEWATER TREATMENT</i>	SESSION 6B (Venue: Pacific Ballroom C - level 2) <i>Theme: Water Environment</i>	SESSION 6C (Venue: Bunga Raya Room - level 3) <i>Theme: Water Environment</i>
2.00-2.15	Invited Speakers 2 (AP KARIN JONSSON)	ID 158 Evaluation of Environmental Flows in a River Reach	ID108 Improvement Performance of Secondary Clarifiers In Iraq
2.15-2.30		ID 157 Water Quality Study of Sungai Melaka Using Remote Sensing and GIS	ID217 Development of Technical Options for a Sustainable Sanitation System in Small Village
2.30-2.45	ID 204 Review on algae cultivation for energy and biodiesel production	ID 172 The Management of Air Control to Design and Productivity of Water Transmission lines	ID229 An MILP Model for Holistic Design of Minimum Water Network
2.45-3.00	ID245 Influence of Tylosin on treatment performance of an up-flow anaerobic stage reactor (UASR)	ID 168 Water Demand Management Strategies Experiences in Developed and Developing Countries	ID 203 Realibility of Urban Water Networks Using Probability Model
3.00-3.15	ID 142 Safe Drinking Water by Zeemays Seeds and Solar Disinfection	ID 101 Investigation of Water Disinfection Efficiency using Titanium Dioxide (TiO ₂) in Penetrable to Sunlight Pipes	ID139 Design and Construction of a Water Conservation System
3.15-3.30	ID 146 The Use of Polyethersulfone /Lithium bromide/ Dimethylformamide hollow fiber membranes for textile wastewater treatment	ID116 Evaluating Floodplain Management Alternatives Using Multi Criteria Decision Making Methods	ID199 Uncertainty Analysis of HEC-HMS Model Parameters For Sourthern Malaysia
3.30-3.45		ID233 Reservoir Storage Simulation and Forecasting Models for Muda Irrigation Scheme, Malaysia	ID163 Application of Multi-objective Particle Swarm Algorithm for Optimal Water Allocation from Multi-Purpose Reservoirs A Case Study
3.45pm-4.00	Refreshments		
4.00pm-5.00pm	<i>Parallel Session 7</i>		

**THE 1ST IWA MALAYSIA YOUNG WATER PROFESSIONALS CONFERENCE (IWAYWP2010)
2-4 MARCH 2010 BEST WESTERN PREMIER SERI PACIFIC HOTEL, KUALA LUMPUR**

	SESSION 7A (Venue: Pacific Ballroom A - level 2) <i>Theme: WATER AND WASTEWATER TREATMENT</i>	SESSION 7B (Venue: Pacific Ballroom C - level 2) <i>Theme: Water Environment</i>	
4.00-4.15	ID 224 Process Simulation of Scale Formation in Reverse Osmosis System for Water Reuse	ID247 Hydrological modelling of the Pahang and Kelantan River Basins, Malaysia	
4.15-4.30	ID 141 The Effect of Lithium Fluoride on Polyethersulfone Ultrafiltration Membranes	ID234 River Flow Forecasting Using Group Method of Data Handling	
4.30-4.45	ID 226 Optimizing the Efficiency of Reverse Osmosis Seawater Desalination Using Simulation Techniques	ID206 Radar Hydrology: Overview of Z/R Development for Quantitative Precipitation Estimation (QPE) in Malaysia	
4.45-5.00	ID 216 PVDF-TIO2 Submerged Hollow Fiber Membrane in Refinery Produced Wastewater Treatment	ID213 Development of mathematical tool for prediction of yield and rate of extraction of extracellular polymer substances (EPS) from activated sludge	
5.00pm-5.30pm	Closing		
Day-4 : 4th March 2010			
9.00am – 5.00pm	Post Workshop AUTOMATION OF WATER AND WASTEWATER SYSTEMS		