

# International Conference on Water Resources ICWR 2009

*“Innovative Water Resources Management towards Adaptations to Climate Change”*

**Date : 26-27 MAY 2009**

**Venue : BAYVIEW HOTEL,  
LANGKAWI, KEDAH, MALAYSIA**

## REGISTRATION FEE

The registration fees for the conference, which cover conference CD proceedings, technical sessions, luncheons, refreshments and certificate of participation only. The participants may check the hotel rates from the ICWR 2009's website to book your accommodation at the Bayview Hotel, Langkawi, Kedah, Malaysia.

Local Participant **RM 990.00** per pax/including co-author)  
Local Presenter **RM 990.00** per paper  
International **USD300.00** per paper/pax

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Papers must be reach the Conference Secretariat on or before the specified deadlines. Please refer to the conference website <http://seminar.spaceutm.edu.my/icwr2009> for guidelines on paper format.

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Please take note that officiator, speakers and topics are confirmed at the time of publishing. However, circumstances beyond the control of the organizers may necessitate substitutions, alterations or cancellations of the speakers and/or topics. As such, Universiti Teknologi Malaysia reserves the right to alter or modify advertised speakers and/or topics.

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## Adaptive Soft Computing in Water Resources

“Radial Basis Function Neural Network Forecasting Model for Johor River Inflow Basin”- Ayad Sh Hmud, UKM, Malaysia

“Daily Reservoir Inflow Forecasting Using Adaptive Neuro-Fuzzy Inference Systems”-Shahram Karimi, Googhari, Iran-Malaysia

“Regional Hydrological Drought Prediction Using Cellular Automata” - Shahab Araghinejad, Iran

“Prediction of the Depth of Scour around Hydraulic Structure Using Soft Computing Techniques” – Azamatulla, USM, Malaysia

“Immune-Based Algorithm for Sea Level Rise Detection” - Bariah Yusob, UTM, Malaysia

“Bio-Inspired Clustering On Less Parameter of Water Treatment Plant Data” - Massudi Mahmuddin, UUM, Malaysia

“Development of A Non-Linear Theoretical Model Based On Ann for Streaming Water Quality Prediction” - Ali Najah, UKM, Malaysia

“Data Mining Using Hopfield Neural Network”-Saratha Sathasivam, USM, Malaysia

“Hourly R-R Modelling Using Pso Feed Forward Ann”-Kelvin Kuok King Kuok, DID, Malaysia

“Reservoir Water Level Prediction Using Ann”-Wan Hussain Wan Ishak, UUM, Malaysia

“River Ranking Using Fuzzy AHP”-Mohamad Ashari Alias, Siti Zaiton Hashim, Supiah Shamsudin, UTM, Malaysia

“Pan Daily Evaporation Estimation Using Ann Based Models”-Shahram Karimi-Googhari, Iran

“Numerical Simulation of Coastal Pollution in Sungai Johor Estuarine System” - Noor Baharim Hashim, UTM, Malaysia

“Adsorption of Phenol from Aqueous Solutions Using Incinerated Sewage Sludge” - Wan Afnezam Wan Mohamed, UTHM, Malaysia

“Chemical Flocculation as A Pretreatment for Epoxidised Natural Rubber (ENR) Wastewater” - S. Pretibaa, MRB, Malaysia

“A Study on Lead, Cadmium and Chromium Content in Rainwater” - Mas Rahayu Jalil, UTHM, Malaysia

“Purification Of Contaminated Finer With Subsurface Flow Constructed Wetland”- D.-K. Lee, Korea

“Removal of Foam Flow Sea Water Used As the Cooling Water of a Coal-Fired Power Plant” - D.-K. Lee, Korea

“Biogas Production from Agro waste” - N. Zainol, UMP, Malaysia

“Water Quality and Land Use- Land Cover Relationship in Atlantic Forest Microbasins- Rio De Janeiro, Brazil” - Rachel Bardy Prado, Brazil

“Studies of Water Quality In Home Piping Systems Using Visual Basic Software” - A.M. Nor Mastura, UTHM, Malaysia

“Hydrologic Effectiveness for Detention Pond Design at Southern Johor” - Supiah Shamsuddin, UTM, Malaysia

“Water Quality Trend of Upper Part of Johore River In Relation To Rainfall and Runoff Processes” - Ayub Katimon, Hasmida Hamza, UTM, Malaysia

“Evaluation of Gross Pollutant Traps (GPTS) For Open Channel System” - Norhan Abd Rahman, Noraliani Alias, Noor Suraya Romali, UTM Malaysia

“GIS-Based Non-Point Sources of Pollution Simulation in Bertam River, Cameron Highlands”-Amirhossein Malakahmad, UTP, Malaysia

“Indicators Of Microbial Water Quality In Selected Palm Oil Estates In Kota Tinggi, Johor, Malaysia” - Siti Farizwana, Zurahanim Hakim S.L.B, Lim K.H.C, Kamaluddin M.A.A, Institute Medical Research, Malaysia

“The Study of Stabilization Pools in the System Of Civic Sewage Purification Of Susangerd (Iran)” - A.R. Masjedi, N. Jafarzadeh Haghighi Sh. Kalantarzadeh, Islamic Azad University, Iran.

“Prediction Capabilities Of Swan Modelling Using Coarse And Finer Grid Size At Batu Pahat, Johor, Malaysia” - Norazlina Bateni-Noor Baharim Hashim, UNIMAS, Malaysia

“Risk Analysis on Storing Water and Generating Electric of Reservoir Operation”-Ye Yan, China

“Climate Change Impacts On Paddy Water Requirements In Korea” - S.-O. Chung, Korea

“An Experimental Study on the Flow Characteristics in Straight Compound Channels”-Zulkiflee Ibrahim, UTM, Malaysia

“Assessment of Sediment Loads Transport in A Watershed Scale Under Climate Change Scenarios: A Case Study” - Mohammad Karamouz, Iran

“Sediment Yield Analysis for Johor River Basins” - Supiah Shamsuddin, UTM, Malaysia

“The Effect Of Climate Change On Dam Performance: Malaysian Scenario”- Faizah Che Ros, UNITEN, Malaysia

“Water Management Perspective from Islamic Perspective”- Ahmad Zaharudin, UUM, Malaysia

“An overview of sedimentation modeling” - Nadiatul Adilah A. A.Ghani, Mohamed Shahin, Hamid Nikraz, Malaysia

“Remote Sensing-GIS Application in Monitoring Water Quality Parameter” - Norsaliza Usali, Mohd Hasmadi Ismail, UPM, Malaysia

“Deposition of Sediments in Detention Pond” - Tarmizi Ismail, Mazlina Alang Othman, Abu Bakar Fadzil, Norleen Fariza Abdul Mulok, UTM Malaysia

“Local Scour Downstream Of A Circular Wall Jets” - Mehraein Mojtaba, Iran

“A Hybrid Simulation/Optimization Model for Reservoir Operation under Drought Conditions” - Keyvan Asghari, Iran

“Studying the Effect of Groin Length on Scoring Depth around it across 180 Deg Bend” - A.R.Masjedi, A.R. Otoufi, Islamic Azad University, Iran

“Experimental Study on the Effect of Cylindrical Bridge Pier Position on the Scoring Depth in the Rivers Bend” - A.R.Masjedi, H.Kazemi, Islamic Azad University, Iran.

## Environment and Coastal Zone Management

“No3-N Uniformity Distribution In Soil, Water, And Plant In The Management Of Wheat Fertigation Based On Three Irrigation Management Strategies In A Semi Arid Region” -Ali Asghar Ghaemi, Iran

“A Compact Imaging Spectrometer (Comis) For a Microsatellite Statsat3 for In-Land Water Control of South Korea” - Jun Ho Lee, Korea

“Renewable Energy from Biogas Generated By Sewage Sludge-Relationship between Organic Content and Methane Generation” - Suzana Ramli, Malaysia

“Engineered Wetlands for Wastewater Treatment in Sarawak”- Tan Fu Ee, Curtin University, Sarawak

“Water Management And Conservation: From A Beach Resort's Perspective”- Chek Min En, Frangipani Resorts, Langkawi, Malaysia

“The Importance of Compound Channel Hydraulics in Spatial and Temporal Distributions of Pollutant Transport Using Pollute1” - Mojtaba Hamzeh Ghassabsaraei, Iran

“On The Understanding of the Coastal Erosion Problem and Development of Protection Scheme for Pantai Sabak, Kelantan” - Ahmad Mustafa Hashim, UTP, Malaysia



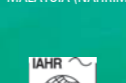
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