

# 2011 APCBEES SINGAPORE CONFERENCES SCHEDULE

2011 4th International Conference on Environmental and Computer Science (ICECS 2011)  
2011 International Conference on Biotechnology and Environment Management (ICBEM 2011)  
2011 3rd International Conference on Chemical, Biological and Environmental Engineering (ICBEE  
2011)

**Singapore**

**PARAMOUNT HOTEL**

**September 16-18, 2011**

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**Sep. 16, 2011 (Friday)****Foyer of Parawave (Level 4), Paramount Hotel**

10: 00 - 17: 00	Arrival and Registration
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**Note: (1) You can also register at any time during the conference.**

**(2) Certificate of Participation can be collected at the registration counter.**

**(3) The organizer doesn't provide accommodation, and we suggest you make an early reservation.**

**Morning, Sep. 17, 2011 (Saturday)**

Venue: Parawave (Level 4)

8: 45 - 09: 00	Opening Remarks Mr. Saji Baby Environmental Manager (Research and Consultation)& Principal Scientist GEO Environmental Consultation Kuwait
9: 00 - 9:45	Keynote Speech I "Finer Scale Temperature and Rainfall Projections for Climate Change Impacts Assessment" Prof. Subimal Ghosh Indian Institute of Technology Bombay
9: 45 - 10:30	Keynote Speech II "Multi-stage Advanced Oxidation Process and Biological Treatment for Water and Wastewater Treatment" Prof. Fahmi Muhammad Ridwan University Malaysia Perlis
10: 30 – 11: 00	Taking Photo & Coffee Break
11: 00 – 12: 00	Keynote Speech III Mr. Saji Baby Environmental Manager (Research and Consultation)& Principal Scientist GEO Environmental Consultation Kuwait

12: 00 – 13: 30	Lunch Break
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**Afternoon, Sep. 17, 2011 (Saturday)**

SESSION – 1 (ICECS)

Venue: Parawave (Level 4)

Session Chair: Subimal Ghosh

Time: 13:30 – 15:30

R00005	Land Suitability Analysis Using Geographic Information System (GIS) for Hillside Development: A case study of Penang Island
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	Imtiaz Ahmed Chandio and Abd Nasir Bin Matori
R00006	Statistical Downscaling and Bias Correction for Projections of Indian Rainfall and Temperature in Climate Change Studies Kaustubh Salvi, S Kannan and Subimal Ghosh
R00007	Direct Conversion of Wind Energy into Heat using Joule Machine Roustiam Chakirov and Yuriy Vagapov
R00008	RECYCLING OF ENERGY BY THE UTILIZATION OF A PIEZOELECTRIC CRYSTAL AND MICROCONTROLLER Sandhya T, Ajay Sampath, Arjun A.M., V.Arvind and Gautam Aggarwal
R00010	CO <sub>2</sub> Sequestration by Alkaline Wastes for Potential Application in the Landfill Environment Anjali Gupta and Arvind Kumar Nema
R00014	Investigation of Abandoned Metal Mine Effect on Watershed Kyoung-Kyoon Choi and Jeong-Hun Park
R00015	Remediation of Naphthalene and Phenanthrene Contaminated Soil by Extraction Using Superheated Water Young-tae Jo and Jeong-Hun Park
R00017	Ozone Level Emitted from Photocopiers and Its Exposure Aungsiri Tipayarom and Danutawat Tipayarom
R00018	Estimating Rainfall Erosivity of the Revised Universal Soil Loss Equation from daily rainfall depth in Krishanagiri Watershed region of Tamil Nadu, India Arun Babu Elangovan and Ravichandran Seetharaman
R00019	The Usage of Saline Water in Desert (Review) Maryam Naeimi and Gholamreza Zehtabian
R20005	Solidification- Stabilization Technique for Metal bearing Solid Waste from Zinc Industry –A case study A.K.Vyas

15: 30 – 15: 40	Coffee Break
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### Afternoon, Sep. 17, 2011 (Saturday)

SESSION – 2 (ICBEM)  
Venue: Parawave (Level 4)  
Session Chair:  
Time: 15:40-18:00

M003	Multidrug-resistant staphylococci in the environment Hussein H. Abulreesh
M004	Application of modeling techniques for prediction and optimization of biodiesel production processes Hassan Ghorbani, Ali M.Nikbakht, Meisam Tabatabaei, Mahdi Hosseini and Poya Mohammadi
M007	Characteristic of Colour and COD Removal of Azo Dye by Advanced Oxidation Process and

	Biological Treatment Muhammad Ridwan Fahmi , Che Zulzikrami Azner Abidin and Nazerry Rosmady Rahmat
M010	Survey the Antifungal Effect of Root Ethanolic extract of Ruta graveolens on Saprolegnia. Spp Hashemi Karouei.S .M, Sadeghpour Haji .M ,Gholampour Azizi. I and Mirzaei Jahed . H
M011	Removal of Basic Yellow 11 from Aqueous Solution by Sorption on Caulerpalentillifera (Chorophyceaea) Wong Ching-Lee, FauHoay-Ven and Hii Siew-Ling
M012	Investigating the potential of using coconut husk as substrate for bioethanol production Ding, Teck-Yuan, Hii, Siew-Ling, Ong, Lisa-Gaik-Ai and Ling, Tau-Chuan
M013	Adsorption of Chromium (Cr+6) Using Durian Peel Phurada Saueprasearsit
M019	Significance of Waste Materials in Sustainable Concrete and Sustainable Development M. R. Karim, M. F. M. Zain, M. Jamil and F.C. Lai
M025	Detection of surfactants-metal ion complexes by electrospray mass spectrometry Khaled Edbey, Grainne Moran and Gary Willett
M10005	Eutrophication in the Lakes of Udaipur city: A case study of Fateh Sagar Lake Deeksha Dave
M10007	Polycyclic Aromatic Hydrocarbons (PAHs) pollution from vehicle emission in the environment of highway roadside in Johor, Malaysia Azliyana Azhari, Mohd Noh Dalimin and Seow Ta Wee
M10008	Comparative Study on Male and Female Personal Ecological Footprint Venus A. Solar and Mbio.
M20006	Assessment of fixed models for age at first service and gestation length in Iranian dairy cows Shahin Eghbalsaied, Mehrdad Jafarpour and Fatemeh Bankizadeh

**Morning, Sep. 18, 2011 (Sunday)**

SESSION – 3 (ICECS)

Venue: Parawave (Level 4)

Session Chair: Atul Bhalla

Time: 8:30:-10:20

R00021	Hardness Removal from Groundwater by Synthetic Resin from Waste Plastics Prapat Pentamwa, Wipasinun Thiphthara and Suparat Nuangon
R00022	Electrochemical Treatment of Textile Dye Wastewater Using Stainless Steel Electrode Usha N Murthy, H.B Rekha and . J.G Bhavya
R00024	Numerical Simulation of Regional Ozone Transboundary Pollution to the Philippines Gerry Bagtasa
R00027	Automatic Recognition System for some cyanobacteria using image processing Techniques and ANN approach Hayat Mansoor , Sorayya M. ,Aishah S., and Mogeheb A.A Mosleh

R00028	Removal of Nutrients from Landfill Leachate Using Subsurface Flow Constructed Wetland Planted With <i>Limnocharis flava</i> and <i>Scirpus atrovirens</i> Ain Nihla Kamarudzaman, Nor Shazwani Ismail, Roslaili Abdul Aziz and Mohd Faizal Ab Jalil
R00029	Study of Point and Non Point Sources Pollution – A Case Study of Timah Tasoh Lake in Perlis, Malaysia Ain Nihla Kamarudzaman, Voon Kim Feng, Roslaili Abdul Aziz and Mohd Faizal Ab Jalil
R00031	Framework for Tropical Ecological Data Warehouse (TEDW) for Governance and Maintenance of Tropical Lakes Cham Hui, Sorayya Bibi Malek Binti Malek Abd Rashid, Sharifah Mumtazah Syed Ahmad, and Aishah Binti Salleh
R10007	Crop Water Consumption and Crop Yield Prediction under Climate Change Conditions at Northeast of Iran Nasrin Sayari, Mohammad Bannayan, A. Farid, Amin Alizadeh and Masoud Reza Hessami Kermani
R10008	Daily Rainfall Forecasting for Mashhad Synoptic Station using Artificial Neural Networks Najmeh Khalili, Saeed Reza Khodashenas, Kamran Davary and Fatemeh Karimaldini
R10019	Simulation of River Flow Using Fourier Models Ali Saremi, Mohammad Hossein Karimi Pashaki, Hosein Sedghi, Amin Rouzbahani and Amin Saremi

10: 20 – 10: 30	Coffee Break
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### Morning, Sep. 18, 2011 (Sunday)

SESSION – 4 (ICBEM)  
Venue: Parawave (Level 4)  
Session Chair:  
Time: 10:30:-12:30

M10009	Bioremediation of Toxic Heavy Metals Pollutants By Bacillus spp. Isolated From Guilan Bay sediments, North of Iran Khosro Issazadeh , mohammad reza majid – Khoshkholgh Pahlaviani and Alireza Massiha
M10012	An Innovative Approach to Biodegradation of Textile Azo Dyes by native bacterial strains in Iran Mohammad Reza Majid Khoshkholgh Pahlaviani, Alireza Massiha and Khosro Issazadeh
M10013	Microbial degradation of pesticides in surface soil using native strain in Iran Alireza Massiha, Mohammad Reza Majid Khoshkholgh Pahlaviani and Khosro Issazadeh
M10015	Effects of salt stress on ion accumulation in root and shoot of <i>Alhagi persarum</i> Behrouz Rasouli and Bahram Amiri
M10016	How does the root of <i>Salicornia herbacea</i> response to salinity in comparison to the shoot? Bahram Amiri and Behrouz Rasouli
M20003	Management of Glucose Production Process from Rice Husk by Solid State Fermentation Method Arezo Ghadi , Soleiman Mahjoub and Rabeah Mehravar

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M20004	Effect of <i>Balanites aegyptiaca</i> on Bran Bugs Preeti Shukla and Satyawati Sharma
M20009	Chromium distribution seasonwise in effluent samples sourced from electroplating industries of Bangalore city, India Seema Tharannum, V Krishnamurthy and Riaz Mahmood
M20015	Analysis of Endosulfan residues in cultivated soils in Southern India. Sarah Sunitha, V.Krishnamurthy and Riaz Mahmood
M20019	In vitro anti-Candida activity of <i>Ficus lyrata</i> L. Ethyl acetate latex extract and Nystatin on clinical Isolates and Standard strains of <i>Candida albicans</i> Bidarigh S; Khoshkholgh Pahlaviani M.R.M; Massiha A and Issazadeh Kh.
M30002	Empirical Results on the Environmental Sustainability in Melaka City Noor Mohammad, T.R. Vijayaram and Hafiz Bin Hassan
M30001	Metal concentration in soil and plants in abandoned cement factory Princewill, C. Ogbonna and Adanma N. Nwosu
M30012	Synthetic construct of <i>Clostridium perfringens</i> epsilon-beta fusion protein gene Reza Pilehchian Langroudi, Khosrow Aghaei Pour, Mahdi Shamsara and Saied Ali Ghorashi
M10010	NH <sub>4</sub> -N removal from groundwater using attached growth reactor: Case study in Chyasal, Nepal Wilawan Khanitchaidecha, Maneesha Shakya, Yuichi Nagano and Futaba Kazama

12: 30 – 13: 30	Lunch Break
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**Afternoon, Sep. 18, 2011 (Sunday)**

SESSION – 5 (ICECS)  
Venue: Parawave (Level 4)  
Session Chair:  
Time: 13:30:-15:20

R10023	Aerobic Granulation under Low Selection Pressure WANG Miao, LI Jun, WEI Su, NI Yongjiong, and LIU Jun
R20003	Effect of L-Carnitin on Cadmium induced Toxicity in Rat Embryo Hippocampus Mina Ramezani, Hossin Bahadoran and Soheila Abasi
R20009	Elemental Analysis of Ground Water from Different Regions of Punjab State (India) Using EDXRF Technique and the Sources of Water Contamination Atul Bhalla, Gurjeet Singh, Sanjeev Kumar, J.S. Shahi and D. Mehta
R30001	NTSYSpc 2.02e Implementation in Molecular Biodata Analysis (Clustering, Screening, and Individual Selection) Soleiman Jamshidi and Samira Jamshidi
R30007	GIS-based Probability Assessment of Fire Risk in Grassland and Forested Landscapes of Golestan Province, Iran Hamed Adab, Kasturi D. Kanniah ,and Karim Solaimani
R30008	Ambient Air Forcansting Using Artificial Neural Network Approach Mahboubeh Afzali- Afsaneh Afzali- Gholamreza Zahedi

R30009	Determining Microbial Dynamics of Polyhydroxyalkanoates – Producing Consortium in Waste Glycerol using RISA Technique Hathairath T.Wattanaphon, Slawomir Ciesielsk and Nipon Pisutpaisal
R30013	Determining the Effectiveness of Harapan Lake as Flood Retention Pond in Flood Mitigation effort Arniza Fitri, Zorkeflee Abu Hasan and Aminuddin Abdul Ghani
R10018	The Effects of Global Environmental Changes and Reduction of Water Sources on the Growth and Yield of Barley Genotypes Saeid Yazdchi

15: 20 - 15: 30	Coffee Break
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### Afternoon, Sep. 18, 2011 (Sunday)

SESSION – 6 (ICBEE)  
Venue: Parawave (Level 4)  
Session Chair:  
Time: 15:40-18:00

E003	Water-Boryls Radical System as a Source of Hydrogen Atom Waled Tantawy, Nahed Fathy
E004	Antioxidant properties of some Malaysian ferns How-Yee Lai, Yau-Yan Lim
E007	Temperature Control of Industrial Gas Phase Propylene Polymerization in Fluidized Bed Reactors Using Model Predictive Control Ahmad Shamiri, M. A. Hussain, Farouq Sabri Mjalli and Arash Arami-Niya
E010	Synthesis and Characterization of Activated Carbon from Saudi Arabian Dates Tree's Fronds Wastes Hassan M. Al-Swaidan, Ashfaq Ahmad
E10010	Hydroxypropylation of Saba Banana Starch Jau-Shya, Lee and Pamela Chui-Shin, Loh
E10013	Tolerance of Five Sorghum Cultivars to Different Concentrations of Common Lambsquarters (Chenopodium Album) Leaf Aqueous Extracts Shahram Shahrokhi, Ayda Bagheri and Soleiman Jamshidi
E10014	Chemically Modified Carbon Nanotubes (CNTs) with Oxygen and Sulfur Containing Functional Groups for Adsorption of Mercury Nuruzatulifah Bt Asari@Mansor , Jean-Philippe Tessonnier , M. G. Kutty , Robert Schlögl and S. B. Abd Hamid.
E10016	Assessment of Liquid Scintillation Technique for Measurement of Gross Alpha and Gross Beta in Aqueous Environmental Samples Zaini Hamzah, Masitah Alias, Abdul Kadir Ishak and Ahmad Saat
E10019	Anthropogenic Heavy Metals, U-238 and Th-232 Profiles in Sediments from an Abandoned Tin Mining Lake in Malaysia Zaini Hamzah, Ahmad Saat, Zaharidah Abu Bakar and Abdul Khalik Wood

E10020	Allelopathic effect of aqueous extracts of pigweed, <i>Amaranthus retroflexus</i> L. organs on germination and growth of five barley cultivars Shahram Shahrokhi, Seyede Nahideh Hejazi, H. Khodabandeh, M. Farboodi and A. Faramarzi
E20001	Wastewater Effluent Discharge: Effects and Treatment Processes Akpor O. B.

18:30	Dinner (Welcome Banquet)
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## Instructions for Oral Presentations

### Devices Provided by the Conference Organizer:

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Laser Sticks

### Materials Provided by the Presenters:

PowerPoint or PDF files (Files shall be copied to the Conference Computer at the beginning of each Session)

Duration of each Presentation (Tentatively)

Regular Oral Session: about 10 Minutes of Presentation 5 Minutes of Q&A

Keynote Speech: 30 Minutes of Presentation 5 Minutes of Q&A

### Conference Secretariat Contact:

ICECS: [icecs@cbees.org](mailto:icecs@cbees.org)

ICBEM: [icbem@cbees.org](mailto:icbem@cbees.org)

ICBEE: [cbee@vip.163.com](mailto:cbee@vip.163.com)

**Conference Venue:**

**PARAMOUNT HOTEL SINGAPORE**

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Senior Reservation Manager

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**Location map:**

