

# 2012 APCBEES HONGKONG CONFERENCES SCHEDULE

2012 3rd International Conference on Environmental Science and Development (ICESD 2012)  
2012 International Conference on Clean and Green Energy (ICCGE 2012)  
2012 2nd International Conference on Life Science and Technology (ICLST 2012)

**Hong Kong**

**Harbour Plaza Resort City**

**January 5-7, 2012**

**Sponsored and Published by**



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**January 5, 2012 (Thursday)****Harbour Plaza Resort City LOBBY**

10: 00 – 12: 30 13: 30 - 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, January 6, 2012 (Friday)**

Venue: Peony Room

9:00-9:10	Opening Remarks Prof. ANIL KUMAR DIKSHIT INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
9:10-9:55	Keynote Speaker I Prof. Park Chan Jin School of Urban & Environmental Engineering, University of Incheon, South Korea Topic: “ ”
9:55-10:40	Keynote Speaker II Prof. Poul Alberg Østergaard Aalborg University, Denmark Topic: “Danish Experience with Large-Scale Integration of Non-Dispatched Power Generation”
10:40-11:00	Taking Photo and Coffee Break
11:00-11:45	Keynote Speaker III Prof. ANIL KUMAR DIKSHIT INDIAN INSTITUTE OF TECHNOLOGY BOMBAY Topic: “Biotechnology and Environment”

12: 00 - 13: 30	Lunch Break
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**Afternoon, January 6, 2012 (Friday)**

SESSION – 1 (ICLST 2012)

Venue: Peony Room

Session Chair:

Time: 13:30 – 15:30

T004 CC	ADSORPTION OF O-CRESOL USING ACTIVATED CARBON SHABIIMAM M A AND ANIL KUMAR DIKSHIT
T005	Management of Brinjal Shoot and Fruit Borer: Dilemma of Adopting Bt Brinjal over Integrated Pest Management Technology

	Anjali Mathur, N.P.Singh and Swaroop Singh
T010	Effect of Glutathione-Stabilized Gold Nanoparticles in 3T3 Fibroblast Cell Mongkol Pongsuchart, Chuleepang Danladkaew, Teeradet Khomvarn and Amornpun Sereemasapun
T014	Analysis of the Relationship between Human SIRT4 and Glutamate Dehydrogenase Using a Yeast Model System Zhao Lan and Pil Jae Maeng
T015 Poster	A Novel Transcription Factor Controlling both Asexual Development and Secondary Metabolism in Aspergillus Nidulans Woo Hyun Yeon, Yong Jin Kim, Yeong Man Yu and Pil Jae Maeng
T016 Poster	Estimation of Radiation Therapy induced Carcinogenesis: X-Ray vs. Proton Therapy Myonggeun Yoon and Dongho Shin
T017 Poster Only	Expression Comparison of Matrix Metalloproteinases in Rat Astrocytes and Microglia Induced by Prion Protein Peptide 106-126 Kibbeum Song, Ji-Young Na, Sokho Kim and Jungkee Kwon
T018	Influence of ABCB1 C3435T and ABCG2 C421A Gene Polymorphisms in Response to Imatinib Mesylate in Chronic Myeloid Leukemia Patients Anthony Au, Ravindran Ankathil, Ai Sim Goh, Fadilah S. Abdul Wahid and Abdul Aziz Baba
T20006	Processing Optimization and Antioxidant Activity of Sausage Prepared with Tomato Powder Yuri Na, Sehee Kim, Eun-Kyung Jung and Nami Joo

<b>15: 30 - 15: 50</b>	<b>Coffee Break</b>
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### Afternoon, January 6, 2012 (Friday)

SESSION – 2 ( ICCGE 2012)

Venue: Peony Room

Session Chair:

Time: 15:50-18:30

L00002	Challenges to Studying the Health Effects of Wind Turbines among Different Research Designs Tanya Christidis and Jane Law
L00007	Fuzzy Coordination of Distributed Generation Sources Amir Khodadad Bayat, Dr.M. Joorabian, Fellow member, IEEE , Dr.Saeed Mortazavi
L00011	An Experimental Study of a Reciprocating Expansion Air Machine for Low Power Output of Wind Energy Application in THAILAND VARIN VONGMANEE and VEERAPOL MONYAKUL
L00024	Efficient Conversion of Natural Gas and Biomass into Fuel without External Input of Hydrogen Nitish Mittal

L00027	Forecasting Renewable Energy Potential of Turkey Using Artificial Neural Network up to 2030 Bayram Akdemir, Nurettin Çetinkaya and Ahmet Afşin Kulaksız
L00031	Data Processing Of Measuring Sets Of Solar Collectors Istvan Peter Szabo and Gabor Szabo
L00033	Incorporating a Tendering System into Feed-In Tariff (FIT) Schemes in Developing Photovoltaic Power —The Experience of Taiwan’s FIT Reform Dino R Ponnampalam, Ssu-Hsien Chen and Anton Ming-Zhi Gao
L00034	Economic and Environmental Dispatch at High Potential Solar Area with Renewable Storage Faisal Rahiman Pazheri, Nazar H. Malik and Safoora O. K.
L00035	Parametric and Exergetic Analysis of a Power Plant with CO2 Capture using Chemical Looping Combustion Bilal Hassan and Tariq Shamim
L30007	LOW COST, AUGMENTATIVE CONTROLLER FOR SPWM INVERTER WITH PHOTOVOLTAIC UTILITY Aswin karthik R V, Vivek Shankar V and Prithiviraj R
L30011	Maximizing Hydrogen Production of a Solid Oxide Electrolyser Cell Qiong Cai, Claire S. Adjiman and Nigel P. Brandon
L30012 Keynote	The Impact on Wind Power Integration from Geothermal Absorption Heat Pumps and Compression Heat Pumps Poul Alberg Østergaard
L30013	TRANSFORMATION OF CHINA’S ENERGY STRUCTURE FROM DEPENDANCE ON COAL DURING THE 12th FIVE-YEAR PLAN PERIOD NOBUHIRO HORII
L30014	Studies on Some Trace Element Accumulation in Terminalia Bellerica Growing on a Cu and Mn Mine Waste Dump Madhuri Singhal, Rishikant Asati and Mohini Saxena

### **Morning, January 7, 2012 (Saturday)**

SESSION – 3 (ICESD 2012)

Venue: Peony Room

Session Chair:

Time: 8:30 – 10:30

X004	Organic removal efficiencies and power production capabilities of microbial fuel cells with pure cultures and mixed culture Der-Fong Juang
X008	Biodegradation of phthalate esters by Variovorax sp. Bablu Prasad, Sumathi Suresh
X009	Delayed effects of climate variables on incidence of dengue in Singapore during 2000-2010 Zhaoxia Wang, Hoong Maeng Chan, Martin L. Hibberd, Gary Kee Khoon Lee

X010	BIOREMEDIATION OF DYESTUFF COMPOUNDS USING INDIGENOUS MICROORGANISMS IN A BIOREACTOR BHAWANA PATHAK, KETKI PANCHAL AND M.H.FULEKAR
X011	BEHAVIOUR OF METALS IN COAL FLY ASH PONDS LOKESHAPPA B AND ANIL KUMAR DIKSHIT
X015	TREATMENT OF DYE WASTES AND RECOVERY OF WATER IN A SOLAR STILL Ashok Kumar Ganesh Kumar, Ram Prasad Raja Kumar
X020	City, Tradition and Contemporary China: From Wang Shu's Works to review his Critical Practice with the City Hing-wah Chau
X026	A Study of Physical, Mechanical and Thermal Properties for Thermal Insulation from Narrow-leaved Cattail Fibers Thitiwan Luamkanchanaphan , Sutharat Chotikaprakhan and Songklod Jarusombuti
X027	Geochemical assessment of upper Mahaweli River and Polgolla reservoir sediments, Sri Lanka Sansfica M. Young , H. Ishiga, A. Pitawala
X031	Factorial experimental design for reactive dye flocculation using inorganic-organic composite polymer Khai Ern Lee, Norhashimah Morad, Tjoon Tow Teng, Beng Teik Poh
X033	Antarctica Treaty System and Madrid protocol 1991 : Transformation of Legislation Rohani Mohd Shah, Norha Abu Hanifah, & Rugayah Hashim
X037	EFFECT OF VARIOUS PARAMETERS ON BIOSORPTION OF ATRAZINE RAJ KUMAR PATHAK AND ANIL KUMAR DIKSHIT
X038	Removal of Cationic Dye by Magnetic Nanoparticle (Fe <sub>3</sub> O <sub>4</sub> ) Impregnated onto Activated Maize Cob Powder and Kinetic Study of Dye Waste Adsorption Kah Aik Tan, Norhashimah Morad, Tjoon Tow Teng, Ismail Norli, P. Panneerselvam

10: 30 - 10: 40	Coffee Break
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### Morning, January 7, 2012 (Saturday)

SESSION – 4 ( ICESD 2012)

Venue: Peony Room

Session Chair: Cheng-Di Dong

Time: 10:40-12:30

X039	Lab Scale Study of HRT and OLR Optimization in UASB Reactor for Pretreating Fortified Wastewater In Various Operational Temperatures Soheil Farajzadehha, S.A.Mirbagheri, Soroush Farajzadehha, Jalal Shayegan
X040	Adsorption and Removal of Zinc (II) from Aqueous Solution Using Powdered Fish Bone Han Khim Lim, Tjoon Tow Teng , Mahamad Hakimi Ibrahim, Anees Ahmad, Hui Teng Chee
X044	Studies on the Adsorption of Methylene Blue Dye from Aqueous Solution onto Low-Cost

	Tartaric Acid Treated Bagasse Ling Wei Low, Tjoon Tow Teng, Norhashimah Morad, Baharin Azahari
X049	Sonocatalytic Degradation of Rhodamine B in Aqueous Solution in the Presence of TiO <sub>2</sub> Coated Activated Carbon Soke Kwan Tang, Tjoon Tow Teng, Abbas F.M. Alkarkhi, Zhimin Li
X052	Adsorption Isotherm Studies of Chromium (VI) from Aqueous Solutions Using Jordanian Pottery Materials Khaldoun Al-Sou'od
X057	Regional rainfall frequency analysis for the Luanhe basin – by using L-moments and cluster techniques BADRELDIN G. H. HASSAN & Prof. FENGPING
X064	Synergetic Utilization of Renewable and Fossil Fuels: Dual Fluidized Bed Steam Co-gasification of Coal and Wood Stefan Kern, Christoph Pfeifer, Hermann Hofbauer
X065	Thermal Utilization of Reed in a 3 MW District Heating Plant Hannes Kitzler, Christoph Pfeifer, Hermann Hofbauer
X066	Upgrading Biodiesel into Oxygen-Free Gasoline: New Applications for the FCC-Process Alexander Weinert, Peter Bielansky and Alexander Reichhold
X067	Distribution and accumulation of mercury in sediments of Kaohsiung River mouth, Taiwan Chiu-Wen Chen, Chih-Feng Chen, Cheng-Di Dong
X068	Carbon stock in European beech forest; a case at M. Pizzalto, Italy Aida Taghavi Bayat, Hein van Gils, Michael Weir
X069	Civic agriculture: Towards a local food web for sustainable urban development Siqing Chen

12: 30 - 13: 30	Lunch
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### Afternoon, January 7, 2012 (Saturday)

SESSION – 5 (ICESD 2012)

Venue: Peony Room

Session Chair:

Time: 13:30 – 15:30

X073	Impact of Human Activities in Antarctica: Dissecting the Concepts of Ecologically Sustainable Development and Natural Reserve for Peace and Science Norha Abu Hanifah, Rohani Mohd Shah & Rugayah Hashim
X074	Analyzing the Economy of Off-shore Wind Energy using GIS Technique Asifujiang Abudureyimu, Yoshiki Hayashi, Ken Nagasaka
X077	Solid Waste Management in Developing Countries through Plasma Arc Gasification- An Alternative Approach Anubhav Ojha , Abhishek Clement Reuben , Durgesh Sharma
X079	The Trends of Japanese Electric Utility Industry under Kyoto Protocol after 311 Earthquake Jeff Huang, Ken Nagasaka

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X082	An empirical test of the environmental Kuznets curve in Guangdong Province, China LIN Shu, ZENG Fantang, FANG Huaiyang, XU Zhencheng
X10009	ZnO nanopowder: an efficient catalyst for the preparation of 2,4,6- triaryl pyridines under solvent-free condition Mohammad Reza Mohammad Shafiee,* Raheleh Moloudi and Majid Ghashang
X10013	Health and the Environment: A Geographical Study of Drugs at Different School Neighbourhoods Law, Jane
X10014	Estimating point and non-point sources of pollution in Binan River System, the Philippines Amaya, Floerfida L., Gonzales, Teresita B., Hernandez, Emeterio C., Luzano, Elma V., Mercado, Nancy P.
X10016	Social perceptions of environmental changes and local development within the Usumacinta river basin JérômeGandin
X10017	Water Resource Management in Hard Rock Terrain: A case study of Jharkhand State, India Prof. (Dr.) Suresh Prasad Singh & Prof. (Dr.) Bahadur Singh
X10018	Study on Migration of Marine Organisms into Inland and Changes of Biodiversity at Water Bodies in Mekong Delta for Evaluation of Saline Intrusion of Sea Level Rise Pham Anh Duc, Nguyen Thi Mai Linh, Pham Van Mien
X10019	Spatio-temporal Distribution of Extreme Weather Events in India Ajay Singh and Anand Patwardhan
X10021	Fisheries Registration and Licensing: A Case Study in Bani, Pangasinan, Philippines Shielameh A. Peralta-Milan, Ma. Susan J. Lucero, Fernando Castrence Jr.

15: 30 - 15: 50	Coffee Break
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**Afternoon, January 7, 2012 (Saturday)**

SESSION – 6 ( ICESD 2012)

Venue: Peony Room

Session Chair: Chan Jin Park

Time: 15:50-18:30

X10022	Forecasting Damage Level of Maritime Structures Caused by Typhoon 9918 Ryusuke Hashimura and Kiyoshi Takikawa
X20012	The Study on the Reduction of Heat Island Phenomena by Planting in Metropolitan Cities Chan Jin Park
X20021	Determination of proper reclamation method in rangeland ecosystem of Khuzestan province Seyed akbar javadi, S.J.Mosavian, M.Jafari and S.M.Mosavia
X30004	INVESTIGATION OF EFFECT OF CHEMICAL FERTILIZERS ON ENVIRONMENT SERPİL SAVCI
X30005	Waste Palm Shell Converted to High Efficient Activated Carbon by Chemical Activation Method and Its Adsorption Capacity Tested by Water Filtration

	M. M. Rahman
X30006	Degradation of Methyl Paraben by the Aerated Pebble-bed Biofilm System Chihhao Fan and Hsin-Chih Wang
X30007	Remote Sensing and GIS Application Analysis of Active Fire, Aerosol Optical Thickness and Estimated PM10 In The North Of Thailand and Chiang Rai Province Nion Sirimongkonlertkun
X30020	Low flow analysis and possible impact of the Mekong River Supasit Konyai
X30021	Managing Flood Flows for Crop Production Risk Management with Hydraulic and GIS Modeling: Case study of Agricultural Areas in Shariatpur Md. Abdullah Al Baky; Dr. Asif M Zaman; Dr. Amanat Ullah Khan
X30026	Plant biotestsas indicators for biogas plant end product quality Liisa Maunuksela, Mirkka Herranen, Merja Torniaainen
X30027	Electricity Challenge for Sustainable Future in Bangladesh Asif Hassan, Md. ShamiurRahman, FayekTasneem Khan, Minhaz Bin Malik, Mohammad Zawad Ali
X30033	Using Statistics in Hydrology for analyzing the discharge of Yom River Supasit Konyai
X30037	The Detection of Superior PO Cattle (Ongole Cattle Descendant) Based on The Growth Hormone Gene Sequence Duran Corebima Aloysius
X035	Environmental-ecological analysis system (EASYS) for urban planning Sangheon Lee, Kyushik Oh
X036	A Landscape Ecological Management System for Sustainable Urban Development Dongwoo Lee, Kyushik Oh

19: 00	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: 35 Minutes of Presentation 10 Minutes of Q&A

## Harbour Plaza Resort City

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Email: [rsvn.hprc@harbour-plaza.com](mailto:rsvn.hprc@harbour-plaza.com)



Hotel Exterior

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離港日期 Outbound	離港城市 City	接機大堂 Baggage Claim	離港 Floor
05:00	05:45	05:50	06:00
06:00	06:45	06:50	07:00
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費用 (來回每位 \$50) For Return

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Special rate of \$50 for airport shuttle service