

# 2012 APCBEES BANGKOK CONFERENCES SCHEDULE

2012 3rd International Conference on Biotechnology and Food Science (ICBFS 2012)  
2012 International Conference on Bioinformatics and Biomedical Science (ICBBS 2012)  
2012 2nd International Conference on Environment Science and Engineering (ICESE 2012)  
&  
2012 1st Journal Conference on Environmental Science and Development (JCESD 2012 1st)

**Bangkok, Thailand**

**First Hotel Bangkok, Thailand**

**April 7-8, 2012**

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**April 7, 2012 (Saturday)**

**First Hotel Bangkok, Thailand**

10: 00 – 12: 30	Arrival and Registration
13: 30 – 17: 00	

**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.**

**(4) One Excellent Paper will be selected from each oral session. The Certificate for Excellent Papers and will be awarded in the Closing Ceremony on April 8, 2012.**

**Morning, April 8, 2012 (Sunday)**

Venue: Sunantha room

8:30-8:45	Opening Remarks Saji Baby Environmental Manager (Research and Consultation) & Principal Scientist GEO Environmental Consultation
8:45-9:30	Keynote Speaker I Sezai ERCISLI Ataturk University Agricultural, Faculty Department of Horticulture, 25240 Erzurum-Turkey “Apricot: Food and Biotechnology Aspect”
9:30-10:15	Keynote Speaker II Saji Baby Environmental Manager (Research and Consultation) & Principal Scientist GEO Environmental Consultation “Coastal Evolution of Kuwait: Impact Due to Anthropogenic Activites and Changing Senarios of Mesopotamian Marshland ”
10:15-10:30	Taking Photo and Coffee Break

**Morning, April 8, 2012 (Sunday)**

SESSION – 1 (JCESD 2012 1st)

Venue: Sunantha room

Session Chair: Dr. Aksara Putthividhya

Time: 10:30 – 12:30

CD0006	The Microbiological Survey of Potential Water Borne Pathogens in Fresh Water Springs of the selected community located in the Upolu Island, Samoa F. Latū, P. Amosa, T. Imo, and V. Taufao
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CD0010	Kinetics of Anaerobic Digestion of Water Hyacinth Using Poultry Litter as Inoculum Jagadish H. Patil, Malourdu AntonyRaj, P. L. Muralidhara, S. M. Desai, and G. K. Mahadeva Raju
CD0011	The Impact Assessment of Water Resource Management in Rainfed Area in the Upper Ping River Basin, Chiang Mai, Thailand Yotapakdee T. and Havrland B.
CD0012	The Importance of Research Data Digitization and Its Statistical Analysis-With Examples of Biogas Consumers of Nepal Jyoti U. Devkota, Binu Hada, Chanda Prajapati, and Swechya Singh
CD0013	Impacts of Climate Change on Water Resources affecting Tourism Industry in a Small Island: a Case Study of Koh Chang, Thailand Wanvicechane Tanoamchard and Sangchan Limjirakan
CD0014	Adsorption of Sawdust for Removing Nutrients from Stormwater Kadek Diana Harmayani and A. H. M. Faisal Anwar
CD0015	Supremacy of Magnesium Chloride for Decolourisation of Textile Wastewater: A Comparative Study on the Use of Different Coagulants Akshaya Kumar Verma, Puspendu Bhunia, and Rajesh Roshan Dash
CD0016	Optimal Rain Gauge Network Design and Spatial Precipitation Mapping based on Geostatistical Analysis from Collocated Elevation and Humidity Data Aksara Putthividhya and Kenji Tanaka
CD0017	Low-Level Wind Variability over the Indochina Peninsular during Boreal Winter Sirapong Sooktawee, Usa Humphries, Atsamon Limsakul, and Prungchan Wongwises
CD0018	Utilization of Lignocellulosic Wastes as A Carbon Sources for The Production of Bacterial Cellulases under Solid State Fermentation T. L. Norsalwani and N. A. Norulaini
CD0020	The Entire Catchment and Site Buffer Radii Landscape Variables, Urban Land Use as Predictors of Water Quality Variation Y. Azyana and N. A. Nik Norulaini
CD0022	Environmental Impact Assessment of Tanneries- A Case Study of Hazaribag in Bangladesh M. R. Azom, K. Mahmud, S. M. Yahya, A. Sontu, and S. B. Himon
CD0027	Solid Waste Management Issues in Small Towns of Developing World: A Case Study of Taxila City Naeem Ejaz

12:30 – 13:30

Lunch

**Afternoon, April 8, 2012 (Sunday)**

SESSION – 2 ( ICBFS )

Venue: Sunantha room

Session Chair: Sezai ERCISLI

Time: 13:30 – 15:30

F004	Quality Characteristic And Lysine Available Of Smoked Fish Fronthea Swastawati, Eko Susanto, Bambang Cahyono, and Wahyu Aji Trilaksono
F006	The kinetic models for biomass and extracellular polysaccharide of <i>Ganoderma tsugae</i> Nukrob Narkprasom, Jia-Hsin Guo, Tzou-Chi Huang, Yuan-Kuang Guu
F012	Characterization of Wheat Flour Treated by Supercritical Carbon Dioxide Hee-Moon Kang, Joo-Hee Lee, Ryoung-Hee Kim, Jun-Ho Yun and Byung-Soo Chun
F013	Production of Reducing sugars from <i>Laminaria japonica</i> by Subcritical Water Hydrolysis Jung-Nam Park, Tai-Sun Shin, Joo-Hee Lee, Byung-Soo Chun
F014	Particle formation of Lecithin process with Particles from Gas-Saturated Solutions using Supercritical Carbon Dioxide Jun-Ho Yun, Seung-Mi Lee, Jung-Nam Park, Byung-Soo Chun
F015	Physical Properties of Wheat Flour Treated by Supercritical Carbon Dioxide Hee-Moon Kang, Joo-Hee Lee, Ryoung-Hee Kim, Jun-Ho Yun and Byung-Soo Chun
F017	Kinetics of color loss of Djulis ( <i>Chenopodium formosanum</i> Koidz.) extracts during storage in different concentrations of alcohol and temperature Kanjana Narkprasom, Shao-Pin Wang, Shu-Mien Hsiao, Pi-Jen Tsai
F020	Bioactive Peptides from Epibiotic Pseudoalteromonas Strain P1. C. Chellaram, T. Prem Anand, Felicia Shanthini, B. Arvind Kumar and Siddarth P Sarma
F021	Increase in biotethanol production by random UV mutagenesis of <i>S.cerevisiae</i> (MTCC No.3976) and by addition of Zinc ions in the alcohol production media Deepika Taloria, Sutanu Samanta, Sujata Das, Chayanika Pututunda
F027	Enzyme production and growth of <i>Aspergillus oryzae</i> S. on soybean koji fermentation Chuenjit Chancharonpong, Pao-Chuan Hsieh, Shyang-Chwen Sheu
F029	Effect of Different Combinations of Soybean and Wheat Bran on Enzyme Production from <i>Aspergillus oryzae</i> S. Chuenjit Chancharonpong, Pao-Chuan Hsieh, Shyang-Chwen Sheu
F028	Application of Functional Colorant Prepared from Black Rice Bran in Yogurt Supap Nontasan, Anuchita Moongngarm, Sirirat Deeseenthum
F033	Chemical Compositions, Phytochemicals, and Antioxidant Capacity of Rice Bran, Rice Bran Layer, and Rice Germ Anuchita Moongngarm, Natcha Daomukda, Saowarose Khumpika
F035	Antimicrobial Activity and Cytotoxicity Evaluation of <i>Euphorbia hirta</i> (L.) Extracts from Malaysia Shanmugapriya Perumal, Roziahaman Mahmud, Suthagar Pillai, Wei Cai Lee, Surash Ramanathan
F036	Antioxidant Activities of Essential Oils of <i>Psidium guajava</i> L. Leaves Wei Cai Lee, Roziahaman Mahmud, Suthagar Pillai, Shanmugapriya Perumal, Sabariah Ismail

F038	Anti-parasitic Activity of <i>Myristica fragrans</i> Houtt. Essential Oil against <i>Toxoplasma Gondii</i> Parasite Suthagar Pillai, Roziahanim Mahmud, Wei Cai Lee, Shanmugapriya Perumal
F042	Anti-Acetylcholinesterase activity of <i>Piper sarmentosum</i> by a Continuous Immobilized-enzyme assay Muhammad Khan, Salah A.A Elhusein, Muhammad Mumtaz Khan and Nawsher Khan

### Afternoon, April 8, 2012 (Sunday)

SESSION – 3 ( ICESE )

Venue: Somprasong 1

Session Chair: Saji Baby

Time: 13:30 – 15:30

D002	Assessment and Remediation of Heavy Metals in Community Tap Water from Manila, Philippines Judilynn Solidum, Gilmore Solidum
D004	Invention of a method to Control of Nitrate pollution Rouhallah Mahmoudkhani, Akbar Mokhtari Azar, Rahman Ghomi Avilli and Ahmad Dehghanzadeh
D010	Pollution prevention and wastewater treatment in fish canning industries of Northern Portugal Raquel Cristóvão, Cidália Botelho, Ramiro Martins and Rui Boaventura
D015	Extraction of Naphthenic Acid from Liquid Hydrocarbon using Imidazolium Ionic Liquids Hasiah Kamarudin, Mohamed Ibrahim Abdul Mutalib and Zakaria Man
D020	Assessing and Mitigating An Impact of Shore Revetment on Neighboring Shoreline Cherdvong Saengsupavanich
D024	NANO TECHNOLOGY BASED SELF RECHARGABLE MOBILE PHONES Sreekrishna Pandi, Vivek Mark
D025	Towards City Sustainability: An Updated Framework Samiha Tahseen, Moinul Hossain
D026	Seasonal Currents in the Bay of Bengal and Andaman Sea Revealed by Reprocessed Observations Sakharin Suwannathatsa, Prungchan Wongwises, Usa Wannasingha Hamphries, Worachat Wannawong
D033	Adopting the internet of things technologies in environmental management in South Africa Nomusa Dlodlo
D035	Challenges to Waste Management Practices in Indian Health Care Kamalakanta Muduli, Akhilesh Barve
D037	Marl Land Classification Using Principal Components Analysis (PCA) for the Sustainable Development of Natural Resources Mohammad Hassanzadeh Nafooti

D038	The Dependence Of Coaxial And Non-Coaxial Components Of Shear Strength Of Clays On Activity And Environment In Lowlands. Rajaraman Jambunathan, Thiruvencatasamy Kannapiran
D042	Potential Application of Multiphase Pumps in Oil and Gas Exploration and Production Nader Nabhani
D043	Investigation on the application of using hydrogen fuel for furnaces Nader Nabhani, Vahid Sharifi
D044	Assessment of company environmental impact using fuzzy logic Marius Pislaru, Alexandru Trandabat
D10027	Landfill Leachate Degradation in Tropical Maritime Climate; an Experimental Laboratory Scale Study MohsSen Shoeybi, Jonathan L. Salvacion

15:30 – 15:50	Coffee Break
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### Afternoon, April 8, 2012 (Sunday)

SESSION – 4 ( ICBFS )

Venue: Sunantha room

Session Chair: Fronthea Swastawati

Time: 15:50 – 18:00

F039	Single Step Lactic Acid Production from Cassava Starch by <i>Lactobacillus plantarum</i> SW14 in Conventional Continuous and Continuous with High Cell Density Wichitra Bomrunnok, Kenji Sonomoto, Surapong Pinitglang and Aporn Wongwichan
F040	Role of lactic acid bacteria on structural and physicochemical properties of sour cassava starch Widya Dwi Rukmi Putri, Haryadi, Djagal Wiseso Marseno, Muhammad Nur Cahyanto
F041	Cytotoxic Effect of Water, Ethanol and Ethyl Acetate Extract of Black Cincau ( <i>Mesona Palustris</i> BL) against HeLa Cell Culture Tri Dewanti Widyaningsih
F10011	Enhancement of D-amino acid oxidase by <i>Trigonopsis variabilis</i> Neeraj Gupta, R.K.Gundampati, Debnath M.
F10017	Optimization of process parameters for $\epsilon$ -PolyLysine production from mixed carbon source using “one factor at a time” technique Swet Chand Shukla, Abha Mishra
F10019	Effects of selected medium components for production of glucose oxidase by a local isolate <i>Aspergillus terreus</i> UniMAP AA-1 Ahmad Anas, N. G. , Dachyar Arbain, Muhammad Syarhabil Ahmad
F20007	Application of Atomic Absorption Spectroscopy (A Study on Cucurbita Maxima) Vishal Mahabir, Vishwa Verma
F30002	The Potential of Zea mays Ears and It Extracts as an Alternative Food Nutritive Ingredients Wan Rosli, W. I. & Che Anis, J.

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F30007	Influence of Fish Feed Containing Corn-Cob was Fermented By <i>Trichoderma</i> sp, <i>Aspergillus</i> sp and <i>Rhizopus Oligosporus</i> To The Rate of Growth Of Java Barb ( <i>Puntius Gonionitus</i> ) Rita Rostika and Ratu Safitri
F30015	Comparative Study on Synbiotic Effect of Fermented Rice Bran by Probiotic Lactic Acid Bacteria <i>Lactobacillus casei</i> and Newly Isolated <i>Lactobacillus plantarum</i> B2 in Wistar rats Elok Zubaidah, M. Nurcholis, S.N Wulan and Anita Kusuma
F30018	Effect of drying methods on metabolites composition of misai kucing ( <i>Orthosiphon stamineus</i> ) leaves Sriyana Abdullah, Abdul Razak Shaari, Adli Azimi
F30019	Phytoplankton tracking by oceanic model and satellite data in the Bay of Bengal and Andaman Sea Sakharin Suwannathatsa, Prungchan Wongwises, Suphat Vongvisessomjai, Worachat Wannawong, Dolaporn Saetae
F30020	Effect of Ingredients on Texture Profile of Fermented Food, Idli Manoharan Durgadevi and Prathapkumar Halady Shetty
F30010	Antioxidant activity of <i>Elaeis guineensis</i> leaf extract: An alternative nutraceutical approach in impeding aging. Vijayarathna Soundararajan, Sasidharan Sreenivasan
F30012	Isolation and Identification of Helicase from <i>Anoxybacillus</i> sp for DNA amplification S.Yamuna, I.Asma, B.Venugopal, O. Eugene, S.Sasidharan
F30013	Isolation and Identification of Helicase from <i>Escherichia coli</i> for Biotechnology Processes S.Sasidharan, S.Yamuna, O. Eugene, B.Venugopal, I.Asma
	Biotechnological Methods and Improvements in Tea Ramazan Cakmakci, Sezai Ercisli

**Afternoon, April 8, 2012 (Sunday)**

SESSION – 5 ( ICBBS &amp; ICESE)

Venue: Somprasong 1

Session Chair: PIYUSH MALAVIYA

Time: 15:50 – 18:00

G00001	Tele-Ophthalmology for Rural Areas in Indonesia: Preliminary Study of Image Acquisition Rate using Various Bandwidth Retno Supriyanti, Atsuo Inomata, Kazutoshi Fujikawa
G20001	Stride Time Calculation From EMG and Foot Switch Data and Finding Corelation Between Them for Prosthetic control Oishee Mazumder and Ananda Sankar Kundu
G30001	Real-time Posture and Activity Recognition by SmartShoe Christopher Hodapp, S. Ryan Edgar, George Fulk and Edward Sazonov
G30003	Structure and Centrality of the Largest Fully Connected Cluster in Protein-Protein Interaction Networks Azadeh Jafarnejad and Mahmood A. Mahdavi

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M20006	Preparation of Seismotectonic Map in Qazvin Province Mahdi Moharrampur, Moslem Jahangir Bakhtand and Mohammad Reza Sadeghi Moghaddam
M30003	An Evaluation and comparison of bar embankment Behavior with Instrumentation Data and software PLAXIS Masoud Keyvanipoura, Mahdi Moharrampourb, Sina Faghihc
D10030	Effects of Industrial Waste Disposal on the Surface Water Quality of U-tapao River, Thailand Saroj Gyawali, Kuaanan Techato and Chumpol Yuangyai
D10032	Techno - socio - economic Assessment of Pico Hydropower Installations in the Northern Region of Thailand Nattakul Sanunnaam , Boonrod Sajjakulnukit and Roongrojana Songprakorp
D10034	Silica and Calcium effect on Geo-Technical Properties of Expansive soil Extracted from Rice Husk Ash and Lime S.M.PRASANNA KUMAR
D20003	Impact of behaviour of new accounting curve number method using SWAT model on stream flow Milad Jajarmizadeh, Sobri Harun, Mohammad H. Mokhtari and Bijan Ghahraman
D20014	A proposition for Urban Waste Management and Employment Generation by Community Based Organization (CBO): Bangladesh Perspective A K M Khabirul Islam
D20016	Experimental hydrodynamics imaging of Trout in steady swimming M. Abbaspour and S. Ali. S. Vaghefi
D30005	Investigation on Electricity Consumption Reduction through Foam Lightweight Concrete Utilization in Residential Buildings – Case Study: Tehran, Iran Hamidreza Kamalan, Samaneh Babae and Mohammadreza Shabour
D30008	ACCUMULATED SEDIMENT CONCENTRATIONS DUE TO COMMERCIAL TIMBER HARVESTING AT UPPER HILLS DIPTEROCARP FOREST, MALAYSIA Marryanna, L, Siti Aisah, S, Saiful Iskandar, K, Mohd. Ghazali, H, Abd Rahman, K. and Mohd M. S
D30009	ACCUMULATED SEDIMENT CONCENTRATIONS IN DIFFERENT PERIOD OF TWO HARVESTING METHOD AT UPPER HILL DIPTEROCARP FOREST OF MALAYSIA SAIFUL ISKANDAR, K.
D30011	Optimization of Positional Angle of Propeller–Aspirator Pump Aerator and Its Performance Evaluation at Different Dynamic Condition Avinash Kumar, S. Moulick, B.C. Mal and C.K Mukherjee
D30015	Community and Tsunami Disaster Haliza Abdul Rahman

April 8, 2012, 19:00

Dinner and Closing Ceremony

## 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 8 Minutes of Presentation 2 Minutes of Q&A

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



## **Conference Venue: FIRST HOTEL BANGKOK, THAILAND**

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First hotel is strategically located at Phetchaburi road, in the heart of Bangkok' commercial shopping and business area. The hotel is easily accessible from other parts Bangkok and surrounding with shopping and Department stores such as MBK, Siam Paragon, patunam market and also very closed to Suwarnabhoomi international airport which is just only 40 minutes away.

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**Hotel Contact:**

**Mr. Pravit Suk-inn, Senior Sales Manager**

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