

2011 APCBEES BALI CONFERENCES SCHEDULE

2011 2nd International Conference on Biotechnology and Food Science (ICBFS 2011)
2011 International Conference on Environment Science and Engineering (ICESE 2011)

Bali Island, Indonesia

Hotel Santika Premiere - Beach Resort Bali

April 1-3, 2011

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April 1, 2011 (Friday)**Main Hall of Hotel Santika Premiere - Beach Resort Bali**

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.****Morning, April 2, 2011 (Saturday)**

Venue: Nusa Penida Room

8: 45 - 09: 00	Opening Remarks Mr. Saji Baby Senior Environmental Scientist, Wataniya Environmental Services, Kuwait
09: 00 – 09:45	Keynote Speech I Prof. Ming K. Wang Department of Agricultural Chemistry, National Taiwan University, Taipei, Taiwan “Environmental Nanoparticles Fractionated by AUD System and Identified by Conventional and Synchrotron X-ray Diffraction”
09:45-10:30	Keynote Speech II Prof. Dr. Sezai Ercisli Ataturk University Agricultural faculty Dept. Horticulture, Turkey “The differences wild edible fruits and cultivated fruits”
10: 30 - 11: 00	Taking Photo & Coffee Break
11: 00 - 12: 00	Keynote Speech III Mr. Saji Baby Senior Environmental Scientist, Wataniya Environmental Services, Kuwait “DISTRICT COOLING: SUSTAINED AND HIGH-EFFICIENT ALTERNATIVE TO THE TRADITIONAL COOLING SOLUTIONS”

12: 00 - 13: 30	Lunch Break
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Afternoon, April 2, 2011 (Saturday)**SESSION – 1 (ICESE)**

Venue: Nusa Penida Room

Session Chair: Patrick S. Chen

Time: 13:30 – 15:30

S016	Toxicity of Cu ²⁺ , Cd ²⁺ and Pb ²⁺ Metal Ions in Chironomids and factors that Affect Metal Accumulation Claire Lagrana, Dahlia Apodaca and Carlos Primo David
S014	Determination of Dioxins Produced through Hydrothermal Reaction of Biomass Waste, Chicken Manure S.YILDIZ BIRCAN, Y. HASEGAWA, K. OHBA, K. MATSUMOTO and K. KITAGAWA

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S015	Patient Perspective: The "Usability evaluation" Approaches As Assessment for Quality of Outpatient Spatial Design Siti Norsazlina Haron and Md yusof Hamid
S017	Hourly solar radiation estimation from limited meteorological data to complete missing solar radiation data Dimas F.A., S.I. Gilani, M.S. Aris
S024	Effluent Quality Performance of Horizontal Subsurface Flow Constructed Wetlands using Natural Zeolite (escott) Nor Lila Shuib, Kanagaratnam Baskaran, Shobha Muthukumaran and Warren Davies
S028	Adsorption potential of As (III) & As (V) from water using low cost modified natural sand Nalini Sankararamakrishnan, Anjali Gupta and M. Yunus
S029	Using membrane electrolysis method to generate chlorine dioxide Yi-Tze Tsai, Yung-Hsu Hsieh, Chia-Lin Yang, Chen-Yu Chang and Shu-Hai You
S030	Assessing the quality of ASTER DEMs for Hydrological Applications SEYED REZA HOSSEINZADEH
S031	Simple system for handling and reuse of gray water resulted from ablution in Mosques of Riyadh City, Saudi Arabia Mohammad Ibrahiem Al – Wabel
S032	Preliminary research of carbon-sink effect of Tianjin's wetlands system in the context of global climate change Sandra Meng Ying Lee
S034	Effect of Cationic and Anionic Dye Adsorption from Aqueous Solution by using Chemically Modified Papaya Seed N.Nasuha, H.Z.Zurainan, H.I.Maarof, N.A.Zubir, N.Amri
S037	Land cover classification in Makkah area using frequency-based contextual classifier Mohd Rifhan Mustapha, Lim Hwee San, Mohd Zubir Mat Jafri and Saumi Syahreza
S039 SC	Constructing a Public Health Information System for Assisting Dengue Fever Control Patrick S. Chen, Shu-chiung Lin and WeiHeng Lin
S041	Overburden Effect Examination Of Cubical Anomaly Using Geometry Normalized Electromagnetic System (GNES) Equipment Muhammad Syukri Surbakti, Mohd Zubir Mat Jafri, Lim Hwee San and Norhaslinda Mohamed Tahrin
S20018	Empirical Prediction on sulphide generation in Malaysian sewage Harlina, A., Mohd Omar, A.K., Norli, I. and Azni, I.

15: 30 - 15: 45	Coffee Break
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Afternoon, April 2, 2011 (Saturday)

SESSION – 2 (ICBFS)

Venue: Nusa Penida Room

Session Chair: Warawut Krusong

Time: 15:45 – 18:00

S005	PCR based detection of nosocomial infection causing MRSA (Methicillin resistant
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	Staphylococcus aureus) Archana Panchapakesan Iyer & Taha Abdullah Kumosani
S014	Comparative Evaluation of Total Phenolics and Free Radical Scavenging Activity of the Aqueous Extracts of Labisia pumila var. alata from Malaysia and Indonesia Mashitah Mohd Yusoff and Ade Chandra Iwansyah
S016	Stabilisation of curcumin with γ -cyclodextrin : Phase solubility study and its characterization Zaibunnisa A.H., Siti Rahima, R. and Nur Ain, A.H.
S022	Bioethical Issues On Genetically Modified Organisms (GMOs) In Malaysia: Biting Into The Legal Protection Under The Biosafety Act 2007 Assoc Prof. Dr. Zaiton Hamin and Siti Hafsyah Idris
S024	Inhibition of Lipid Peroxidation by Extract and Fractions of Dendrobium Sonia 'Red Bom' Tengku S. Shafazila, M. Lee Pat and Kong Hung Lee
S025	Determination of Total Phenolic Content and Antioxidant Activities of Palm Puree Prepared From Various Tenera Varieties HASWANI MAISARAH, NORIHAM ABDULLAH, ZAINON MOHD NOOR
S029	Software packages for food engineering needs Abakarov Alik
S031	Development of value-added Biomaterials from Oil Palm Agro-wastes M.A. Abdullah, M.S.Nazir and B.A.Wahjodei
S032	Fibre content and storage stability of antioxidant activity of nutraceutical mango products and gluten-free cookies Betsy Ng
S034	ENCAPSULATION OF LEMONGRASS (Cymbopogon citratus) OLEORESIN WITH β -CYCLODEXTRIN: PHASE SOLUBILITY STUDY AND ITS CHARACTERISATION. NUR AIN ABDUL HALIM AND ZAIBUNNISA ABDUL HAIYEE
S035	Thermal degradation of blue anthocyanin extract of Clitoria ternatea flower Pat M. Lee, Rosemawatie Abdullah and Lee Kong Hung
S055	FOOD WASTE CHARACTERISTICS AFTER AUTOCLAVING TREATMENT PROFESSOR HAMIDI ABDUL AZIZ, DR. MOHD SUFFIAN YUSOFF, NURAZIM IBRAHIM
S057	In vitro Micropropagation of Eucheuma Seaweeds Wilson Thau Lym Yong, Siew Hoo Ting, Wei Lie Chin, Kenneth Francis Rodrigues, Ann Anton
S058	Optimization of process conditions for the application of edible coating emulsion on guava (Psidium guajava) using response surface methodology Mohd Zahid Abidin
S063	Information quality and forecast accuracy in food service context: The moderating role of biological rhythm fit Ming-Kuei Huang and Kuang-Hui Chiu
S10004	Effect of turmeric extract, fermented vinegar and their mixture on Salmonella Typhimurium Reduction in vitro Pattanan Dansai and Warawut Krusong
S10012 SC	An Air-lift Acetifier with Mash Recycling System for Corn Vinegar Production by Adsorbed Cells of Acetobacter aceti WK on Surface of Loofa Sponge Warawut Krusong and Assanee Vichitraka

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S10022	Pomelo, a resistance variety to Citrus tristeza virus in peninsular Malaysia Kavous Ayazpour, Kamaruzaman Sijam, Ganesan Vadamalai, Hawa Jaafar
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Morning, April 3, 2011 (Sunday)

SESSION – 3 (ICESE)

Venue: Nusa Penida Room

Session Chair: Somjai Karnchanawong

Time: 8:45 – 10: 30

S042	Bio-fuel source from combination feed of sewage sludge and rice waste Fairous Salleh, Rusnah Samsuddin and Maryam Husin
S044	Economic and environmental management strategies of organic waste Ferencz, Á., Nótári, M., Czeglédi, M., Berde, Cs, Lévai, P.
S045	Global and Local Problems of Sustainability in Hungary Ferencz, Á., Nótári, M., Czeglédi, M., Berde, Cs, Lévai, P.
S055	Effects of size distribution on flotation kinetics of Chalcopyrite Luo Xian-ping, Tang Xue-kun, He Li-ping, Luo Li-ying
S057	Bukit Merah Reservoir Sedimentation Assessment Zorkeflee Abu Hasan, Mohd Suffian Yusoff, Siti Hidayah Abu Talib
S060	A Genetic Algorithm-Based Approach Design for Energy-Efficient Building in Thailand Supatcharawadee Pornkrisadanuphan, Pipat Chaiwiwatworakul
S063	Monitoring the Association between GPS PWV and Lightning Activity during the 2009 Winter Monsoon over Bangi Malaysia Wayan Suparta, Ja'afar Adnan, Mohd. Alauddin Mohd. Ali
S064	Screening and Application of Nitrifying Bacteria at Low Temperature Xiuguang Jiang, Yun Hao, Qing Tian and Aiyin Chen
S065	Combination Of Lithium Iron Phosphate Battery And Super-Capacitor To Improve The Efficiency Of Engine Ching Shang Cheng, Yong-Zhi Wang, Wen-Jie Zeng
S071	A study on the water quality of River Amajac, Hidalgo State, Central Mexico M.P. Jonathan, N. Thangadurai, P.F. Rodríguez-Espinosa, N.P. Muñoz-Sevilla, Mariano Norzagaray Campos
S072	The Potential Use of Bamboo as Green Material for Soft Clay Reinforcement System Aminaton Marto & Bakhtiar Affandy Othman
S073	Compaction Characteristics and Permeability of Tanjung Bin Coal Ash Mixtures Aminaton Marto, Abd. Rahim bin Hj. Awang. Ahmad Mahir Makhtar
S10001	Human Ovarian carcinoma microarray data analysis based on Support Vector Machines with different kernel functions Meng-Hsiun Tsai, Shih-Huei Wang, Kun-Cheng Wu, Jui-Ming Chen, Sheng-Hsiung Chiu
S10008 SC	Fractions of Copper, Chromium and Arsenic during the aerobic composting process of chicken manure and CCA-treated wood Somjai Karnchanawong and Neeraya Rattanasatchan
S10017	Application of GPR Method Due to Active Faults Determination in Urban Area, Case Study: North Shahre Ray Fault, South of Tehran, Iran

A.khorsandi and M .Abdali, A.khorsandi and M .Abdali

10: 30 - 10: 40

Coffee Break

Morning, April 3, 2011 (Sunday)**SESSION – 4 (ICBFS)**

Venue: Nusa Penida Room

Session Chair: Ikram Madani

Time: 10:40 – 12:30

S10026	Identification of <i>L. pentosus</i> , <i>L. paraplantarum</i> and <i>L. plantarum</i> in Lighvan cheese with 4 month ripening period by means of recA gene sequence analysis Masoumeh ghotbi
S10030	Improving the quality of cold storage black tiger prawn (<i>Penaeus monodon</i>) using ozonated water Sumate Tantratian, Jirapa Setjintanin and Rommanee Sanguandeeikul
S10034 SC	Partial Purification and Characterisation of Polyphenol oxidase from <i>Hibiscus rosa-sinensis</i> Ikram Madani, Pat M. Lee and Lee Kong Hung,
S10036	Effects of the PPO(Polyphenol oxidase) activity and total phenolic contents on browning and quality of dried-Persimmon according to maturity degree of astringent Persimmon. Se Jong Kim and Kyung Mi Jung
S10037	Effects of the eco-friendly pretreatment materials on browning and qualityof semi-dried persimmons Kyung Mi Jung and Se Jong Kim
S10039	Effect of Ohmic Heating on Increasing Guava Juice Yield Pramoun Srikalong, Thanit Makrudin, Pongpat Sampavamontri, Ekarin Kovitthaya
S10041	Effect of Pre-cooling on Muscle Yield of Mud Crab, <i>Scylla serrata</i> , During Emersion Storage Waritchon Ninlanon
S10042	Molecular Phylogeny of <i>Ophiognominia leptostyla</i> isolates collected from Iran Based on ITS nrDNA Sequencing Soleiman Jamshidi – Rasoul Zare
S10043	Antibiogram Profiles of <i>Listeria monocytogenes</i> isolated from foods Zuraini Mat Issa, Sharifah Aminah Syed Mohamed, Noor Marian Muda, Maimunah Mustakim and Lee Hai Yen, Son Radu
S10044	Genetic parameters of milk and fat yield in normal and high yielding dairy cows Ghobad Asgari Jafarabadi
S20006	Stability Of Carotenoid Extracts Of <i>Cucurbita maxima</i> Towards Enzymatic Cooxidation And Aroma Compound Generation Cao-Hoang Lan, Osorio Puentes Francisco Javier, Phan-Thi Hanh, Waché Yves
S20009	IN VITRO REGENERATION OF TEASLE GOURD PROF. DR. M.ABDUL KARIM AND M. AHASAN ULLAHA
S20011	Production of Transgenic Goats, Carrying Human Coagulation Factor IX cDNA, by Nuclear Transfer of Transfected Fetal Fibroblasts Amir Amiri Yekta, Azam Dalman, Poopak Eftekhari-Yazdi, Mohammad Hossein Sanati,

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	Hamid Gourabi
S20013	Multiple biomarker response in the fish, <i>Labeo rohita</i> due to hexavalent chromium Kanchan Kumari, Nitish Ranjan, & R.C. Sinha
S20019	DETERMINATION OF ANTHELMINTIC POTENTIAL IN TERMINALIA CATAPPA BY MODIFIED SELECTED IN VITRO BIOASSAY AZRUL, L. M., ADZEMI, M. A., EFFENDY, A. W. M., IMELDA, L. V. and NURULAINI, R.
S20021	Fungal Contaminants in Some Deteriorated Food items of Bihar, India: A Survey. Gazala Tabassum, Chandan Kumar, Choudhary Sharfuddin, Reena Mohanka and Rashmi Komal
S20024	AN FTIR STUDY ON SELECTIVE SEPARATION OF PYRITE FROM CHALCOPYRITE USING BACTERIA Chandraprabha M N and Natarajan K A
S20027	Adoption of commercial biotech crops in Africa Ademola A.Adenle

12: 30 - 13: 30	Lunch Break
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Afternoon, April 3, 2011 (Sunday)

SESSION –5 (ICESE)

Venue: Nusa Penida Room
Session Chair: Abdul Talib Bon
Time: 13:30 – 15:30

S10018	Removal of heavy metals from a contaminated calcareous soil using oxalic and acetic acids as chelating agents S.Oustan, S.Heidari , M.R.Neyshabouri, A.Reyhanitabar, A.Bybordi
S10020	A New Technique for Quantifying Sensible Heat Loss by Building Fabrics F. C. Sham and Tommy Y. Lo
S10023	STUDY ON THERMAL COMFORT IN UNIVERSITY HOSTEL BUILDING: CASE STUDY AT UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM), BATU PAHAT RUZAIMAH BINTI RAZMAN, ABD HALID BIN ABDULLAH, ABDUL ZAKI BIN ABDUL WAHID
S10029	Exploring Opportunities for Sustainability in the Malaysian Palm Oil Industry Rory Padfield, Sune Hansen, Christopher Preece, Effie Papargyropoulou
S10031	Automated real-time dynamic identification of flying and resting butterfly species in the natural environment Loke Kar Seng, Simon Egerton, David Cristoraro, Steven Clementson
S10032	Diagnosis of Drought in Bangladesh using Standardized Precipitation Index M. Rafiuddin, Badal Kumar Dash, Fahima Khanam and M. N. Islam
S10033	Monitoring slope based on SAR-interferometric technique and ground measurement Habibah Lateh, Jefriza, Yrjo Rauste
S10035	Resolving hydro-environmental conflicts under uncertainty using Fallback Bargaining

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	procedures Kaveh Madani; Laleh Shalikarian; S.T.O Naeeni
S10037 SC	Design of Experiment on Sustainable Daily Air Surface Temperature Prediction in Cameron Highlands, Malaysia Abdul Talib Bon
S10041	Chelate Agents Enhanced Electrokinetic Remediation for Removal of Lead and Zinc from a Calcareous Soil Mahsa Madani Hosseini, Mohsen Farahbakhsh and Gholamreza Savaghebi
S10044	CEMENTITIOUS COMPOUNDS FORMATION USING POZZOLANS AND THEIR EFFECT ON STABILIZATION OF SOILS OF VARYING ENGINEERING PROPERTIES Dr. S.M. PRASANNA KUMAR
S10045	Nitrogen fixation efficiency in native strains compared with non-native strains of Rhizobium leguminosarum Mehdi Mehrpouyan
S20006	Water Conservation Management in National Capital Region V. U. Koundanya and Nitika Gupta
S20008	Solar Erythemal Daily Dose Distributions Maps over Peninsular Malaysia Obtained By Ozone Monitoring Instrument Nor Hidayah Hisamuddin Shah, H. S. Lim and M. Z. Mat Jaffri
S20009	Energy Cost Reduction By Partially Operation Of Thermal Energy Storage Based On Building Load Profile Zamri Noranai, Hamidon Salleh, Mohammad Zainal Md Yusof

15: 30 - 15: 45	Coffee Break
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Afternoon, April 3, 2011 (Sunday)

SESSION –6 (ICESE)

Venue: Nusa Penida Room

Session Chair: Christian Cristofari

Time: 15:45 – 18:00

S20011	Arsenic Removal by Nanoiron in the Gas-bubbled Aqueous Solution Visanu Tanboonchuy, Chih-Hsiang Liao and Nurak Gridanurak
S20012	Effects of Hardener Type and Particles Size on Formaldehyde Emission Pollution Mohsen Saffari
S20013	Quality Zoning of Chalous River in Different Landscapes Using Fuzzy Sets Method Farid Kazem nezhad
S20015	Radar Hydrology: New Z/R Relationships for Klang River Basin, Malaysia Suzana Ramli & Wardah Tahir
S20016	Removal of Crystal Violet and Methylene Blue from Aqueous Solution using Soil Nano-Clays Yue-Ming Chen, Tsung-Ming Tsao, Cheng-Chung Liu, and Ming-Kuang Wang
S20020	Specific enslavement for autonomous solar system

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	Jean-Louis Canaletti ; Christian Cristofari ; Gilles Notton
S20021 SC	Presentation of two thermal models of a an innovative patented solar drainpipe Christian Cristofari, Gilles Notton, Fabrice Motte, Jean Louis Canaletti, Jean Panighi
S20024	Photocatalytic activity of sulfonamide antibiotic in aqueous suspension of TiO ₂ -P25 Tai-Wei Tzeng, Chiing-Chang Chen and Shan-Li Wang
S20026	Analysis of Speckle Pattern Interferometry System A A M Shamsir and M Z M Jafri
S20032	Addition of Rhodococcus fascians AC6 to prevent inhibition of the toluene degradation from ethyl acetate in biofiltration of VOCs-contaminated air stream Yi-Chen Tsai, Chi-Mei Lee, Sz-Chwun John Hwang, Meng-Yen Shih
S20033	Pressure Drop Prediction of Square-cell Honeycomb Monolith Structure Shahrin Hisham Amirnordin, Suzairin Md Seri, Wan Saiful-Islam Wan Salim, Hamimah Abd Rahman, Khalid Hasnan
S20034	Role of in-situ reducing bacteria on arsenic mobility in aquitard groundwater Sheng-Wei, Wang and Chen-Wuing, Liu
S20037	Simulation of intermittent transient cooling load characteristic in an academic building with centralized HVAC system Petrus Tri Bhaskoro, Syed Ihstham Ul Haq Gilani, Mohd Shiraz Bin Aris
S20039	Monitoring Surface Water Quality in Coastal Area of Penang Saumi Syahreza, Mohd Zubir Mat Jafri, Lim Hwee San and Mohd Rifhan Mustapha
S20043	Problematic Issues in Implementation of Supply Chain Management in Iranian Automotive Industries Malihe Manzouri, Mohd Nizam Ab Rahman, Haslina Arshad

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
Duration of each Presentation (Tentatively):
Regular Oral Session: about 10 to 15 Minutes of Presentation 5 Minutes of Q&A
Keynote Speech: 30 Minutes of Presentation 15 Minutes of Q&A

Conference Secretariat Contact:

ICBFS: icbfs@cbees.org
ICESE: icese@cbees.org

Conference Venue:

Hotel Santika Premiere - Beach Resort Bali



Embracing an oceanfront parcel of tropical landscape, Hotel Santika Premiere Beach Resort Bali is a restful sanctuary for travellers seeking to escape the everyday pressures of modern living. A total of 164 stylishly appointed guest rooms, suites and private bungalows are scattered across a garden environment that exhibits a superb collection of native trees and fragrant flora. Here guests will experience a dedicated level of hospitality that is distinct only to Bali and complemented by the quality services and amenities that have made the Santika group an icon across the Indonesian archipelago.





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