



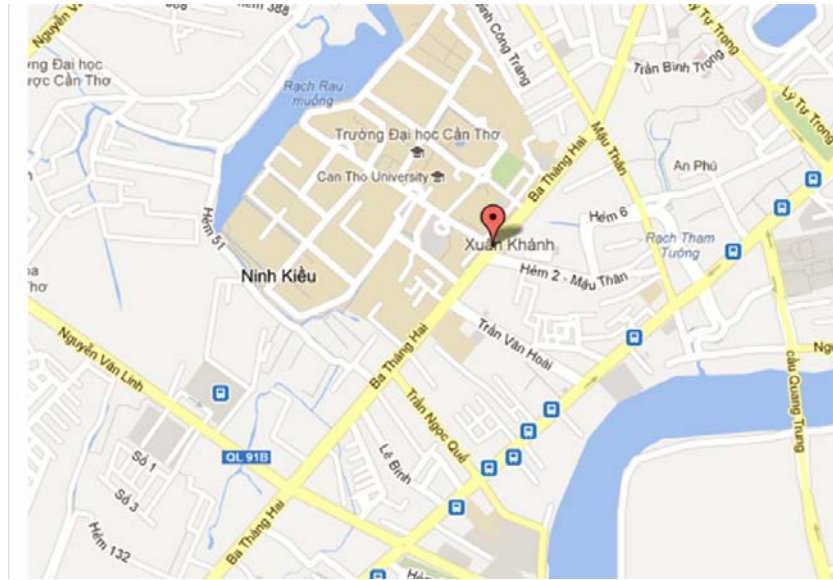
*International conference on*

**ENVIRONMENTAL PROTECTION  
TOWARD SUSTAINABLE DEVELOPMENT**

September 26, 2014, Can Tho University, Can Tho City, Viet Nam

**CONFERENCE PROGRAM**





**Map of Ninh Kieu District, Can Tho City**

## **Introduction to IFGTM-2014**

The IFGTM-2014 was first announced in January 2014. Totally 137 abstracts had been submitted to the conference. Of which 96 abstracts were preferred as oral presentation and 41 abstracts were preferred as posters. The conference committee had selected 72 abstracts for oral presentation at 7 technical sections (*Wastes and Wastewater Treatment, Ecotoxicology, Climate Change and Sustainable Development, Natural Resources Management, Water Supply and Sanitation, Integrated Urban Environmental Management, Environmental Protection in Agriculture and Rural Development, and Environmental Pollution Control*).

Among 137 abstracts, 76 manuscripts were submitted for reviewing. Finally 52 of them were accepted for publishing on the *Journal of Science and Technology (Special issue on "Environmental Protection toward Sustainable Development")*.

Registers come from 5 countries including France, Korea, Japan, Thailand, and Viet Nam. Participants come from different Universities and Institutions, including Can Tho University, Danang University of Technology, Hanoi University of Science and Technology, Ha Noi University of Natural Resources and Environment, Ho Chi Minh City University of Sciences, National University of Civil Engineering, Ho Chi Minh City University of Technical Education, Hue University, Hue University of Agricultural and Forestry, Hue University of Sciences, Hoa Sen Univeristy, Vietnam Academy of Science and Technology, Thai Nguyen University Technology, Nong Lam University – HCMC, Tay Nguyen University, Yersin University of Da Lat, An Giang University, Vietnam Institute for Tropical technology and Environmental Protection, Institute for Environment and Resources – HCM, Environmental Technology Center – HCM, Department of Natural Resources and Environment of Bac Lieu Province, Toulouse University (France), Yamaguchi University (Japan), Research Institute for Humanity and Nature (Japan), Nagasaki University (Japan), Tokyo University of Agriculture and Technology (Japan), Ubonratchathani Rajabhat University (Thailand), Seoul National University (Korea), Thu Dau Mot University.

The IFGTM\_2014 is organized at Can Tho University. We would like for your strong supports and collaboration to make successful of the IFGTM 2014.

## CONFERENCE PROGRAM

Date: September 26, 2014: Conference  
September 27, 2014: Study tour to Cai Rang Floating Market – Can Tho City or participate the second conference (JSPS)  
September 28, 2014: Study tour to Cai Rang Floating Market or to Tra Su Biodiversity Conservation Ecosystem – An Giang Province  
Venue: Learning Resource Center – Campus II, Can Tho University, 3/2 street, Can Tho City, Vietnam  
Language: English  
Organized by Can Tho University  
Co-organized by the International Forum on Green Technology and Management 2014  
Funded by members of The International Forum on Green Technology and Management and five sponsors

<b>7:30-8:30</b>	<b>Registration</b>
8:30-8:45	Guest Introduction
<b>ROOM 1</b>	<b>PLENARY SESSION</b> <b>Chair by:</b> <i>A/Prof. Nguyen Hieu Trung and A/Prof. Huynh Trung Hai</i>
8:45-8:55	Welcome speech of Can Tho University
8:55-9:05	Opening speech of Ministry of Education and Training
9:05-9:15	Welcome Address by Dean of School of Environmental Science and Technology, Hanoi University of Science and Technology
9:15-9:30	Introduction to the symposium program by Dean of College of Environment and Natural Resources – Can Tho University
9:30-9:45	Photo session
9:45-10:00	Tea Break

**TECHNICAL SESSIONS**

**ROOM 1**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF WASTES AND WASTEWATER TREATMENT</b> <b>Chair by:</b> Dr. Nguyen Vo Chau Ngan and A/Prof. Bui Xuan Thanh	
10:00-10:15	RESEARCH ON TERTIARY POLISHING TREATMENT FOR RUBBER PROCESSING WASTEWATER BY CONSTRUCTED WETLANDS <i>Tran Van Quang, Phan Thi Kim Thuy, Duong Gia Duc</i>
10:15-10:30	EFFECTS OF FERROUS SULFATE ON SLUDGE CHARACTERISTICS AND MEMBRANE FILTRATION OF ANAEROBIC/ANOXIC/OXIC MBR SYSTEM TREATING DOMESTIC WASTEWATER <i>Khac-Uan Do, Banu J. Rajesh, Ick T. Yeom</i>
10:30-10:45	STUDY ON THE MANUFACTURING OF TITANNIUM DIOXIDE PHOTOCATALYTIC DEVICE WITH A CAPACITY OF 500 m <sup>3</sup> /H <i>Le Thanh Son, Dao Trong Hien, Nguyen Dinh Cuong</i>
10:45-11:00	APPLICATION OF COMBINED ANAMMOX AND PARTIAL NITRITATION PROCESS FOR NITROGEN REMOVAL (SNAP) FROM OLD LANDFILL LEACHATE <i>Dang Van Dien, Phan The Nhat, Dang Vu Bich Hanh, Lai Quoc Tuan, Nguyen Cao Tien, Nguyen Hoang Cam Ha, Tran Ngoc Phuong Quynh, Nguyen Phuoc Dan</i>
11:00-11:15	PERFORMANCE OF TINY MICROBUBBLES OZONATION ENHANCED BY COARSE BUBBLES ON TREATMENT OF FINE OIL-IN-WATER EMULSIONS PRESENTED HUMIC ACID <i>Tuan Van Le, Tsuyoshi Imai, Daisuke Ayukawa, Hiroaki Fujinaga, Huy Thanh Vo, Takaya Higuchi, Thanh-Loc Thi Dang and Yatnanta Padma Devia</i>
11:15-11:30	ISOLATION AND CHARACTERIZATION OF BACTERIAL STRAINS WHICH COULD DEGRADE NITROGEN IN WASTEWATER OF BEER BREWING FACTORIES <i>Hoang Thi Phuong Thao and Nguyen Huu Hiep</i>
11:30-13:30	Lunch and Poster section

**ROOM 1**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF WASTES AND WASTEWATER TREATMENT</b>	
<b>Chair by:</b> Prof. Nguyen Phuoc Dan and Prof. I-Ming Chen	
13:30-13:45	EFFECT OF ULTRASONIC INTENSITY ON SLUDGE PRETREATMENT <i>Ngoc Tuan Le, Carine Julcour-Lebigue, Henri Delmas</i>
13:45-14:00	INFLUENCE OF ADVANCED OXIDATION PROCESS (AOPs) ON COD AND COLOR REMOVAL IN SECONDARY INDUSTRIAL EFFLUENT <i>Pham Huong Truc, Thai Minh Quan, Nguyen Thanh Tin, Dinh Le My, Phan Thi Hai Van, Vo Thanh Hang and Bui Xuan Thanh</i>
14:00-14:15	REMOVAL OF AMMONIA, IRON, MANGANESE AND NATURAL ORGANIC MATTERS FROM RAW WATER OF SAI GON RIVER USING HIGH RATE TRICKLING FILTER <i>Dang Hoang Thanh Son, Le Trung Hieu, Lai Duy Phuong, Nguyen Hui Viet, Tran Tien Khoi, Nguyen Phuoc Dan</i>
14:15-14:30	SIMULTANEOUS NITROGEN AND PHOSPHORUS REMOVAL BY CONTINUOUS ANAEROBIC – ANOXIC – AEROBIC (A2O) PROCESSES WITH BIOMASS CARRIERS AT AMBIENT TEMPERATURE <i>Viet Nguyen Quoc, Phong Nguyen Tan</i>
14:30-14:45	PERFORMANCES OF A BAG FILTER IN A PILOT SCALE DEVICE UNDER REAL OPERATING CONDITIONS FOR NANOPARTICLE REMOVAL FROM NANOWASTE INCINERATION SYSTEM <i>D.T. TRAN</i>
14:45-15:00	A STUDY ON SUBSTRATE REMOVAL KINETICS OF AN ANAMMOX PROCESS IN TREATING THE SIMULATED AMMONIUM - RICH WASTEWATER WITH THE UPFLOW ANAEROBIC SLUDGE BLANKET. <i>Giang Lam Van, Sa Nguyen Thi Quynh, Dan Nguyen Phuoc</i>
15:00-15:30	Tea Break

**ROOM 1**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF WASTES AND WASTEWATER TREATMENT</b>	
<b>Chair by:</b> Dr. Do Khac Uan and Dr. Tran Van Quang	
15:30-15:45	THE EFFECT OF THE LIQUID UPFLOW VELOCITY ON THE START-UP AND STABLE PERIODS OF LAB-SCALE EGSB REACTORS WITH POLYVINYL ALCOHOL (PVA) AS A BIOMASS CARRIER <i>Chinh Nguyen Dang, Phong Nguyen Tan</i>
15:45-16:00	DETERMINATION OF AMMONIA OXIDATION BACTERIA KINETICS IN PARTIAL NITRITATION PROCESS USING RESPIROMETRIC METHOD <i>Nguyen Le Hoang Trung, Vo Thuy Khanh Nghi, Phan The Nhat and Nguyen Phuoc Dan</i>
16:00-16:15	STUDY THE TECHNICAL CHARACTERS OF ANAEROBIC CO-DIGESTION WITH THE AGRICULTURAL WASTES, MUNICIPAL BIOWASTE AND SOLID WASTE MANAGEMNET AT THE BINH HUNG PLANT IN HOCHIMINH CITY <i>Giang Lam Van, Viet Bui Hoang, Thanh Tran, Phuong Nguyen Ngoc Loan</i>
16:15-16:30	ISOLATION, SELECTION AND IDENTIFICATION OF PHENOL DEGRADING BACTERIA <i>Nguyen Huu Hiep and Tran Thi Thuy Hang</i>
16:30-16:45	USING <i>Rhizophora apiculata</i> LEAVES AS ATTACHED SUBSTRATUM TO REDUCE NITROGEN AND PHOSPHORUS FROM THE WATER <i>Bui Thi Nga, Nguyen Huu Hiep, Ashton, E.C.</i>
<b>CLOSING SESSION</b>	
17:00-17:15	Sum up the IFGTM 2014 <i>A/Prof. Nguyen Hieu Trung</i>
17:15-17:20	New member of IFGTM announcement and signing <i>A/Prof. Huynh Trung Hai</i>
17:20-17:30	Planning for IFGTM 2015 <i>A/Prof. Huynh Trung Hai</i>
17:30-17:40	Introduction IFGTM 2015 <i>Representative of the host for IFGTM 2015</i>
18:00-21:00	Farewell party

**ROOM 2**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF ECOTOXICOLOGY</b>	
<b>Chair by:</b> A/Prof. Nguyen Van Cong - Prof. Takayuki Miyanishi	
10:00-10:15	ENVIRONMENTAL RISK ASSESSMENT OF SOME NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDs) FOR SURFACE WATER IN HO CHI MINH CITY <i>Pham Hong Nhat, Bui Quang Minh, Do Vu Hoang Anh, Hoang Nu Dieu Linh</i>
10:15-10:30	LONG-TERM IMPACTS OF COPPER AND CHROMIUM ON SURVIVORSHIP, GROWTH, MATURATION AND FECUNDITY OF <i>DAPHNIA MAGNA</i> <i>Tran Phuoc Thao, Do-Hong Lan-Chi, Dao Thanh Son</i>
10:30-10:45	EFFECTS OF COPPER NANO POWERS ON THE GERMINATION, GROWTH, CROP YIELD AND PRODUCT QUALITY OF RICE (VIETNAMESE SPECIES NAM DINH - 5) <i>Tran Xuan Tin, Dao Trong Hien, Nguyen Duc Hung, Le Thi Phuong, Nguyen Hoai Chau, Ngo Quoc Buu, Nguyen Tuong Van</i>
10:45-11:00	CHRONIC EFFECTS OF THE ATRAZINE AND ESTRIOL ON <i>DAPHNIA MAGNA</i> <i>Vo Thi My Chi, Nguyen Thanh Son, Bui Ba Trung, Bui Le Thanh Khiet, Do Hong Lan Chi, Nguyen Phuoc Dan, Dao Thanh Son</i>
11:00-11:15	GERMINATION AND SEEDLING GROWTH OF <i>Brassica juncea</i> AND <i>Medicago sativa</i> UNDER EXPOSURE TO MICROCYSTINS-CONTAMINATED WATER FROM DAU TIENG RESERVOIR <i>Dao Thanh Son, Le Thai Hang, Pham Thanh Luu, Do Hong Lan Chi, Nguyen Thanh Son, Bui Ba Trung, Bui Le Thanh Khiet</i>
11:15-11:30	RESPONSES OF BRAIN ACETYLCHOLINESTERASE TO DIAZINON IN CLIMBING PERCH ( <i>Anabas testudineus</i> , Bloch) <i>Nguyen Van Cong, Ngo To Linh</i>
11:30-13:30	Lunch and Poster section



**ROOM 2**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF CLIMATE CHANGE AND SUSTAINABLE DEVELOPMENT</b>	
<b>Chair by:</b> A/Prof. Nguyen Hieu Trung and Dr. Tran Van Quang	
13:30-13:45	ADAPTATION POLICY TOWARD CLIMATE CHANGE IMPACT ON WATER RESOURCES IN THE MEKONG RIVER BASIN – IN AN INTEGRATED PERSPECTIVE <i>Hironori Hamasaki</i>
13:45-14:00	WATER RESOURCES MANAGEMENT FOR RICE FARMING SYSTEM IN THE COASTAL AREAS IN THE VIETNAMESE MEKONG DELTA IN THE CONTEXT OF CLIMATE CHANGE <i>Van Pham Dang Tri, Nguyen Hieu Trung and Hong Minh Hoang</i>
14:00-14:15	IMPACTS OF CLIMATE CHANGE ON PRODUCTION AND LIVELIHOOD OF LOCAL PEOPLE IN QUANG THANH AND HUONG PHONG COMMUNES, THUA THIEN HUE PROVINCE <i>Le Quang Canh</i>
14:15-14:30	CLIMATE CHANGE RESILIENCE CAPACITY OF THE MEKONG DELTA COASTAL AREAS: A CASE STUDY OF THE BAC LIEU PROVINCE, VIETNAM <i>Nguyen Hieu Trung, Pham Thanh Vu, Van Pham Dang Tri, Dang Kieu Nhan, Chu Thai Hoanh, Le Quang Tri</i>
14:30-14:45	APPLY MIKE FLOOD MODEL FOR ASSESSING THE IMPACT OF CLIMATE CHANGE TO URBAN DEVELOPMENT PLANNING: CASE STUDY IN DANANG CITY <i>Tran Van Quang, Nguyen Duong Quang Chanh, Le Tung Lam</i>
14:45-15:00	ROTATIONAL <i>Artemia</i> - SALT PRODUCTION FOR ADAPTING CLIMATE CHANGE IN THE MEKONG DELTA, VIETNAM <i>Nguyen Van Hoa, Nguyen Thi Ngoc Anh</i>
15:00-15:30	Tea break

**ROOM 2**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF CLIMATE CHANGE AND SUSTAINABLE DEVELOPMENT</b>	
<b>Chair by:</b> A/Prof. Le Anh Tuan and A/Prof. Nguyen Hieu Trung	
15:30-15:45	CLIMATE CHANGE AND ALTERNATIVE CROPPING PATTERNS IN LOWER SEYHAN IRRIGATION PROJECT: A REGIONAL SIMULATION ANALYSIS UNDER UNCERTAINTY <i>Chieko Umetsu, K. Palanisami, Ziya Coşkun, Sevgi Donma, Takanori Nagano, Yoichi Fujihara, Kenji Tanaka</i>
15:45-16:00	APPROACH FOR CLIMATE ADAPTATION & SUSTAINABLE DEVELOPMENT OF URBAN WATER SYSTEMS – A CASE STUDY IN CAN THO CITY, VIETNAM <i>Nguyen Hieu Trung, Minh Nguyen, Stephen Cook, Magnus Moglia, and Luis Neumann</i>
16:00-16:15	THE IMPACT OF CLIMATE CHANGE ON CATCH AND AQUACULTURE IN HA TINH PROVINCE, VIETNAM <i>Tran Thi Tu, Nguyen Huu Dong, Tran Hieu Quang, Nguyen Dang Hai</i>
16:15-16:30	IMPACT ASSESSMENT OF CLIMATE CHANGE SCENARIOS: A1FI (HIGH EMISSION SCENARIO) AND B2 (MEDIUM EMISSION SCENARIO) ON SUGARCANE YIELD IN DINH QUAN DISTRICT, DONG NAI PROVINCE, VIETNAM <i>Dang Thi Thanh Le, Nguyen Ky Phung</i>
16:30-16:45	RAPID INTEGRATED AND ECOSYSTEM-BASED ASSESSMENT OF CLIMATE CHANGE VULNERABILITY AND ADAPTATION FOR BEN TRE PROVINCE, VIETNAM <i>Le Anh Tuan, Le Van Du and Tristan Skinner</i>
17:00-17:30	Closing session (Go back to the room 1)

**ROOM 3**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF NATURAL RESOURCES MANAGEMENT</b>	
<b>Chair by:</b> A/Prof. Le Anh Tuan - Prof. Nguyen Phuoc Dan	
10:00-10:15	FLOWS AND WATER QUALITY DYNAMICS IN A FULL-DYKE PROTECTED AREA IN THE AN GIANG PROVINCE, VIETNAMESE MEKONG DELTA <i>Van Pham Dang Tri, Pham Le My Duyen, Pham Van Toan</i>
10:15-10:30	THE ASSESSMENT OF STATUS MANAGEMENT AND IMPACTS OF SOCIO - ECONOMIC ACTIVITIES TO MANGROVE FOREST IN RU CHA, THUA THIEN HUE PROVINCE, VIETNAM <b>Tran Thi Tu</b> , Tran Hieu Quang
10:30-10:45	THE IMPACT OF HYDROPOWER DAM CONSTRUCTION ON LOCAL GOVERNANCE: THE CASE STUDY OF A KATU ETHNIC VILLAGE IN CENTRAL VIETNAM <i>Le Ngoc Phuong Quy, Kim Doo- Chul</i>
10:45-11:00	SOLUTIONS FOR HARVESTING AND USES OF RAINWATER IN THE MEKONG DELTA <i>Nguyen Xuan Hoang, Dinh Diep Anh Tuan, Nguyen Hieu Trung, Le Quang Tri, Minh Nguyen, Stephen Cook, Luis Neumann</i>
11:00-11:15	POTENTIAL CONSERVATION OF URBAN WATER AT HOUSEHOLD LEVEL: THE CASE STUDY OF HUE CITY <b>Tran Anh Tuan</b>
11:15-11:30	WETLAND FOREST AND HUMAN LIVELIHOOD IN SOB MUN-CHI WETLAND AREA, SISAKET PROVINCE OF NORTHEAST THAILAND <i>Phassakon Nuntapanich</i>
11:30-13:30	Lunch and Poster section

**ROOM 3**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF WATER SUPPLY AND SANITATION</b>	
<b>Chair by:</b> A/Prof. Huynh Trung Hai – Dr. Hidenori Harada	
13:30-13:45	APPLICATION OF BIOGILL SYSTEM TREATING DOMESTIC WASTEWATER AS LOW COST TECHNOLOGY <i>Nguyen Pham Thi Thai Ha, Do Thi Bich Ngoc, Thai Minh Quan, Nguyen Thanh Tin, Bui Xuan Thanh</i>
13:45-14:00	WATER BALANCE OF NHUE RIVER BASIN: PRELIMINARY RESULTS FOR URBAN AND SUBURBAN AREAS <i>Hidenori Harada, Shigeo Fujii, Ayano Takagi, Nguyen Pham Hong Lien, Huynh Trung Hai</i>
14:00-14:15	NITROGEN, PHOSPHORUS REDUCTION OF <i>Pistia stratiotes</i> L. IN THE WASTE WATER OF THE SLAUGHTERHOUSE IN CAN THO <i>Truong Thi Nga and Lac Thi Minh Hau</i>
14:15-14:30	ACCUMULATION RATES AND CHARACTERISTICS OF SLUDGE IN SEPTIC TANKS OF HANOI <i>Pham Nguyet ANH, Hidenori HARADA, Shigeo FUJII, Nguyen Viet ANH, Huynh Trung HAI, Shuhei TANAKA</i>
14:30-14:45	PERFORMANCE OF TWO EMERGENT MACROPHYTES IN CONSTRUCTED WETLANDS TREATING DOMESTIC WASTEWATER <i>Truong Hoang Dan, Phan Trung Hieu, Bui Truong Tho</i>
14:45-15:00	EFFECT OF LOCAL CONDITIONS ON RAINWATER QUALITY IN THE MEKONG DELTA <i>Dinh Diep Anh Tuan, Nguyen Xuan Hoang, Nguyen Hieu Trung, Le Quang Tri, Minh Nguyen, Stephen Cook, Luis Neumann</i>
15:00-15:30	Tea break

**ROOM 3**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF INTEGRATED URBAN ENVIRONMENTAL MANAGEMENT</b>	
<b>Chair by:</b> Dr. Pham Van Toan - Dr. Pham Khac Lieu	
15:30-15:45	ASSESSMENT OF PHOSPHORUS LOADS FROM VARIOUS WASTEWATER SOURCES IN HUE CITY, VIETNAM <i>Hoang Thi My Hang, Pham Khac Lieu</i>
15:45-16:00	DEVELOPMENT OF IMOD GROUNDWATER MODEL FOR THE COASTAL AREA OF SOCTRANG, MEKONG DELTA, VIETNAM <i>N.D.G.Nam, Akira Goto, N.H.Trung, Kazutoshi Osawa</i>
16:00-16:15	ORGANOCHLORINE AND ORGANOPHOSPHORUS PESTICIDE RESIDUES IN ATMOSPHERIC PARTICULATE MATTER IN HO CHI MINH CITY, LONG AN AND BINH DUONG <i>Nguyen Ly Sy Phu, Norimichi Takenaka, To Thi Hien</i>
16:15-16:30	BUILDING UP SIMULTANEOUS DETERMINATION METHOD OF ORGANOPHOSPHORUS PESTICIDE RESIDUES IN ENVIRONMENTAL SAMPLES BY USING GAS CHROMATOGRAPHY COUPLED MASS SPECTROMETRY (GC/MS) <i>Nguyen Thi Thu Hien, Pham Thi Tuyet Nhung, Minoru Yoneda</i>
16:30-16:45	ATMOSPHERIC LEVELS OF BTEX COMPOUNDS IN ROADSIDE IN HO CHI MINH CITY <i>To Thi Hien, Tran Thi Hien</i>
17:00-17:30	Closing session (Go back to the room 1)

**ROOM 4**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF ENVIRONMENTAL POLLUTION CONTROL</b>	
<b>Chair by:</b> A/Prof. Truong Thi Nga and Dr. Ngo Thuy Diem Trang	
10:00-10:15	CONTROLLING WATER QUALITY IN AQUACULTURE PONDS BY CONSTRUCTED WETLANDS: A SUSTAINABLE APPROACH IN THE MEKONG DELTA, VIETNAM <i>Ngô Thuy Diem Trang, Lê Minh Long, Nguyễn Thị Thảo Nguyễn, Hans Brix</i>
10:15-10:30	HAZARDOUS WASTE GENERATED FROM MATERIAL RECOVERY FROM WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT IN VIETNAM <i>Trần Đắc Chí, Hà Vinh Hưng, Nguyễn Đức Quang, I-Ming Chen, Huỳnh Trung Hải</i>
10:30-10:45	SYNTHESIS, STRUCTURAL CHARACTERIZATION, ANTIBACTERIAL ACTIVITY AND INHIBITION OF FUNGAL GROWTH OF BENTONITE ATTACHED NANOSILVER FROM DI LINH LAM DONG <i>Nguyễn Văn Quang, Đào Trọng Hiền, Nguyễn Hoài Châu, Ngô Quốc Bửu, Nguyễn Văn Hà, Lê Anh Bằng, Nguyễn Văn Thanh</i>
10:45-11:00	PROPOSING THE ENVIRONMENTAL PERFORMANCE INDEX AND CLASSIFYING THE ENVIRONMENTAL QUALITY OF HO CHI MINH CITY <i>Đặng Thị Chục, Nguyễn Linh Vũ</i>
11:00-11:15	ENVIRONMENTAL FACTORS AFFECT ON THE RICE STRAW DECOMPOSITION IN COMPOST PROCESS WITH THE DIFFERENT BIO PRODUCTS <i>Nguyễn Xuân Du, Truong Thi Nga and Nguyễn Minh Trang</i>
11:15-11:30	THE DISTRIBUTION OF ARACEAE ALONG THE PERAK RIVER, MALAYSIA AND HAU RIVER, VIETNAM <i>Đông Minh Truyen, Mashhor Mansor</i>
11:30-13:30	Lunch and Poster section

**ROOM 4**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF ENVIRONMENTAL POLLUTION CONTROL</b>	
<b>Chair by:</b> A/Prof. Bui Thi Nga and Dr. Nguyen Vo Chau Ngan	
13:30-13:45	THE ABILITY OF CO <sub>2</sub> ADSORPTION OF RU CHA MANGROVES, THUA THIEN HUE PROVINCE TO PARTICIPATE REDD <sup>+</sup> PROGRAM <i>Tran Thi Tu, Tran Hieu Quang</i>
13:45-14:00	ISOLATION AND CHARACTERIZATION OF NITROGEN BIODEGRADABLE BACTERIA OF WASTEWATER OF AQUACULTURE PRODUCTS PROCESSING FACTORIES <i>Nguyen Thi Thuy and Nguyen Huu Hiep</i>
14:00-14:15	PLANNING AND MANAGEMENT OF LANDFILL IN THE MEKONG DELTA <i>Nguyen Xuan Hoang, Nguyen Thanh Tuu, Nguyen Hieu Trung</i>
14:15-14:30	STUDY OF THE COLLECTION EFFICIENCY OF MULTIPOINT-TO-PLANE ELECTROSTATIC PRECIPITATORS FOR REMOVING NANOPARTICLES AND SUB-MICRON PARTICLES <i>Thi-Cuc Le, Bing-Tsai Wang, Thi-Minh-Phuong Tran, Chuen-Jinn Tsai</i>
14:30-14:45	WASTE RECYCLING BY INFORMAL SECTORS IN HUE CITY, VIETNAM <i>Pham Khac Lieu, Tran Ngoc Tuan, Le Vu Khanh Hoa, Yasuhiro Matsui</i>
14:45-15:00	COMMUNITY BASED ENVIRONMENTAL MONITORING USING SOCIAL MEDIA FOR THE MEKONG DELTA OF VIETNAM <i>Duong Van Ni, Nguyen Hieu Trung, Van Pham Dang Tri, Ly Hoang Phi, Ngo Thao Nguyen, Truong Quoc Dinh, Lam Chi Nguyen, Cindy Thatcher, Scott Wilson</i>
15:00-15:30	Tea break

**ROOM 4**

<b>Time</b>	<b>Title of the presentation</b>
<b>SECTION OF ENVIRONMENTAL PROTECTION IN AGRICULTURE AND RURAL DEVELOPMENT</b>	
<b>Chair by:</b> Dr. Ngo Thuy Diem Trang and Dr. Ngo Thi Thanh Truc	
15:30-15:45	EVALUATING GAS EMISSION FROM PE BIOGAS DIGESTERS IN THE MEKONG DELTA OF VIETNAM <i>Nguyen Vo Chau Ngan, Le Hoang Viet, Nguyen Truong Thanh, Nguyen Minh Hung, Huynh Thanh Hoai, Taro Izumi</i>
15:45-16:00	ESTIMATION OF GREENHOUSE GAS EMISSIONS FROM OPEN RICE STRAW BURNING IN THE MEKONG DELTA, VIETNAM <i>Ngo Thi Thanh Truc, Nguyen Minh Phat and Dinh Dang Khoa</i>
16:00-16:15	CORRELATION BETWEEN PATHOGENS AND PHYSICO-CHEMICAL CHARACTERISTICS OF SOIL AND WATER IN REUSE OF BIOGAS DIGESTER SLURRY AS FERTILIZER TO THE PADDY FIELD <i>Dang Vu Bich Hanh, Trinh Bich Huyen, Nguyen Phuoc Dan, Fumiko Oritate, Dang Vu Xuan Huyen, Yoshito Yuyama, Masato Nakamura</i>
16:15-16:30	THE ESTIMATED QUANTITY OF RICE STRAW AND ITS USE IN SOME PROVINCES IN THE MEKONG DELTA <i>Tran Sy Nam, Nguyen Thi Huynh Nhu, Nguyen Huu Chiem, Nguyen Tuan Thanh, Tran Thanh Thai, Nguyen Vo Chau Ngan, Le Hoang Viet, Kjeld Ingvorsen</i>
16:30-16:45	RESEARCH ON SEPARATING NITROGEN, PHOSPHORUS AND TREATING LIVESTOCK WASTEWATER TO MEET STANDARD <i>Pham Huong Quynh, Nguyen Thi Son</i>
17:00-17:30	Closing session (Go back to the room 1)



## **CONFERENCE'S REMARK**

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**CONFERENCE'S REMARK**

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## CONFERENCE'S REMARK

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## CONFERENCE'S REMARK

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## **CONFERENCE'S REMARK**

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## **CONFERENCE'S REMARK**

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## **The College of Environment and Natural Resources (CENRes)**

Campus II, Can Tho University, 3/2 street, Can Tho City, Vietnam

Tel: 84-7103-831068, Fax: 84-7103-831068

E-mail: [kmtntn@ctu.edu.vn](mailto:kmtntn@ctu.edu.vn), Web: <http://cenres.ctu.edu.vn/>

### **History**

CENRes was found in 2008 with mission of offering *undergraduate and graduate programs*, and participating in *scientific research and technology transfer* in the fields of environment and natural resources.

### **Human resource**

CENRes has 62 staffs, 1 Prof, 8 A/Prof, 10 Drs, 12 PhD students, 24 MSc.

### **Departments**

Environmental Sciences

Environmental Engineering

Land Resources

Environmental and Natural Resources Management

### **Education programs**

PhD. in Soil and Water Environment,

Master programs: Environmental Sciences, Environmental Management and Land Management

Bachelor programs: Environmental Sciences, Environmental Engineering, Environmental Management, Land Management, Silviculture and Water Resource Engineering

### **Facilities**

CENRes has 3 computer rooms, and 9 laboratories (Environmental Quality, Organism Resources, Environmental Toxicology, Environmental Chemistry, Environmental Microbiology, Wastewater Treatment, Solid Waste Treatment, Water Resources, GIS, Remote Sensing, Soil Survey and Mapping)

### **Research activities and Collaboration**

CENRes obtains remarkable strengths in bio diversity conservation, environmental quality assessment, environmental toxicology, waste water and solid waste treatment in urban areas, water resource engineering, environmental impact assessment, environment management, land use planning and GIS applications. CENRes has long and closed relationships with the Mekong Delta provinces. Up to now, more than 20 Institutions and Universities in the world had closely collaborated with us for doing research and education.



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