

SCIENTIFIC PROGRAMME

The International Conference on Biotechnology and Environment (ICBE 2019)

Nha Trang City, Vietnam, 17 July 2019

Venue: **Meeting Hall No3, NhaTrang University**
02 Nguyen DinhChieu Street, NhaTrang, Vietnam

Abstract ID	Time	Paper Title	Presenters
OPENING SESSION			
	07:00-08:00	Registration, Clip about NTU	NTU
	08:00-08:10	Welcome speech	NTU Rector Board
	08:10-08:20	Talk of USAID staff and PEER US partners	USAID staff
	08:20-08:30	Opening speech	IBE
PLENARY SESSION: CHAIRMAN PROF. JEFF WILLIAMS			
PL1	08:30-09:00	Plenary Presentation 1: Comparative phylogeography of the 3-S basin of the lower Mekong River	<i>Kent E. Carpenter Biological Sciences, Old Dominion University (ODU), United States</i>
PL2	09:00-09:30	Plenary Presentation 2: Conservation of Cambodia fisheries resources	<i>Dr. Chheng Phen Inland Fisheries Research and Development Institute Cambodia</i>
	09:30-10:00	Group photo, Poster section and Coffee break	All participants
SESSION 1 - "BIODIVERSITY AND CONSERVATION IN THE MEKONG RIVER BASIN - FACING EXISTING CHALLENGES"			
CHAIRMAN PROF. KENT CARPENTER AND DR. NGUYEN THI KIM ANH			
MK1	10:00-10:30	Keynote: The Mekong River: A growing food security challenge for Southeast Asia – current research on conservation genetics from PEER projects	<i>Dr. Dang Thuy Binh Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
MK2	10:30-10:50	Generally of diversity and ecosystem of fish relation with conservation and sustainable use for our LMB region	<i>Dr. Chaiwuit Grudpaan Faculty of Agriculture, Ubon Ratchathani University, Thailand</i>
MK3	10:50-11:10	Fish resources in the Mekong Delta, Vietnam - Species diversity, current status and exploitation	<i>Dr. Vu Ngoc Ut College of Aquaculture and Fisheries, Can Tho University, Vietnam</i>
MK4	11:10-11:30	The Smithsonian's National Museum of Natural History and its critical role in fish biodiversity research	<i>Prof. Jeffrey T. Williams National Museum of Natural History, Smithsonian Institution, United State</i>
MK5	11:30-11:50	Participatory Community Management of Natural Aquatic Resources in Northern Laos	<i>Dr. Latsamy Phounvisouk Living Aquatic Resources Research Center (LARReC), Lao PDR</i>
	12:00-13:30	Lunch Break	Sanest Restaurant, 04 Pham Van Dong, Nha Trang
MK6	13:40-14:00	Ecological status of Biodiversity concerning SDGs in the vicinity of Hydropower Project; case study Middle Paunglaung Hydropower project (Myanmar)	<i>Dr. Mie Mie Kyaw Department of Zoology, University of Mandalay, Myanmar</i>
MK7	14:00-14:20	Population genomics of the freshwater fish <i>Boesemania microlepis</i> (Perciformes, Sciaenidae) in a changing Mekong Delta	<i>PhD student Vu Dang Ha Quyen Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
MK8	14:20-15:00	Alien Suckermouth-armored catfish (Loricariidae: <i>Pterygoplichthys</i>) in the	<i>PhD student Tran Duc Dien</i>

		Southern part of Vietnam – Warning of silent and dangerous invasion	<i>Vietnam – Russia Tropical Center Nha Trang City, Vietnam</i>
	15:00-15:30	Coffee Break, POSTER SESSION	All participants
MK9	15:30-15:50	Species diversity and phylogeny of freshwater fish at 2S rivers in highland, Vietnam	<i>PhD student Nguyen Thi Thoa Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
MK10	15:50-16:10	Ecological assessment of hatching and survival rates in different stages of Nile Tilapia <i>Oreochromis niloticus</i> Linn., 1758	<i>Dr Myo Thandar Thon Department of Zoology, University of Mandalay, Myanmar</i>
MK11	16:10-16:30	Nesting Ecology of <i>Tachybaptus ruficollis</i> (Pallas, 1764) at Pauk In (Lake), Magway Division, Myanmar	<i>Dr Nwet Nwet Win Department of Zoology, University of Mandalay, Myanmar</i>
MK12	16:30-16:50	The probability of disease occurrence in aquaculture sector under climatic events effects: Evidence from shrimp farms in Mekong region, Vietnam	<i>PhD student Le Thi Thanh Ngan Faculty of Economics, Nha Trang University, Nha Trang, Vietnam</i>
	16:50-17:30	POSTER SESSION	Poster Viewing with Authors
SESSION 2 - BIOTECHNOLOGY – TOWARD ECOSYSTEM HEALTH AND SUSTAINABILITY CHAIRMAN DR. NGUYEN VAN DUY AND DR. NGUYEN THI MINH THU			
BT1	10:00-10:20	Nicotine stimulated CYP1A1 expression in human hepatoma HepG2 cells via transcription factor AhR, NF-κB and AP-1	<i>Dr. Ung Trong Thuan Institute of Vaccine and Medical Biologicals, Nha Trang, Vietnam</i>
BT2	10:20-10:40	Adaptation of Anemonefish to their host anemones: From genetics to physiology	<i>PhD student Nguyen T Hai Thanh Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
BT3	10:40-11:00	Transcriptome analysis reveals immune genes and signal transduction pathways in the Ornatus spiny lobster (<i>Panulirus ornatus</i>)	<i>PhD student Nguyen T Anh Thu Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
BT4	11:00-11:20	Effects of algae extract (<i>Sargassum binderi</i>) on shoot development of Chrysanthemum (<i>Chrysanthemum</i> sp.) in vitro	<i>Dr. Phạm Thị Minh Thu Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
BT5	11:20-11:40	Preparation of chitosan low molecular weight in solid state using hydrogen peroxide	<i>PhD student Nguyen Cong Minh Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
	12:00-14:00	Lunch break	Sanest Restaurant, 04 Pham Van Dong, Nha Trang
SESSION 3- ENVIRONMENTAL ISSUE AND MANAGEMENT CHAIRMAN: DR. NGO DANG NGHIA AND DR. NGO THI HOAI DUONG			
EV1	10:00-10:30	Keynote: Air pollution in Vietnam: requirement more interest from government and community	<i>Assoc. Dr. Ngo Dang Nghia Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
EV2	10:30-10:50	Application of WQI to evaluate water quality of Cai river in Nha Trang	<i>Ms. Tran Thanh Thu Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
EV3	10:50-11:10	Particulate matter (PM10 and PM2.5) pollution status during 2016-2018 in Nha Trang city, Viet Nam	<i>Msc. Nguyen Thanh Son Institute for Biotechnology and</i>

			<i>Environment, Nha Trang University, Nha Trang, Vietnam</i>
EV4	11:10-11:30	Microplastics in wastewater: Occurrence, sources and impact	<i>Msc. Ngo Phuong Linh Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
EV5	11:30-11:50	Effects of temperature and oxygen supply on nitrification of some types of industrial activated sludge	<i>Msc. Nguyen Ngoc Thanh Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
	12:00-14:00	Lunch break	Sanest Restaurant, 04 Pham Van Dong, Nha Trang
	18:30-20:30	GALA DINNER	Invited Participants

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POSTER PRESENTATIONS		
Code	Title	Author/Organization
P1	New record of <i>Grateloupia taiwanensis</i> s.-m. Lin et h.-y. Liang in Vietnam: Evidence of morphological observation and rbcl sequence analysis	<i>Dr. Nguyen Xuan Vy</i> <i>Oceanography Institute, Nha Trang, Vietnam</i>
P2	DNA barcoding of four common lobster (Decapoda: Palinuridae) in Vietnam	<i>Dr. Nguyen Nguyen Thanh Nhon</i> <i>Research Institute for Aquaculture No3, Nha Trang, Vietnam</i>
P3	Estimating odor pollution from garbage collection areas in some apartment buildings in Nha Trang and testing some microbial products for handling	<i>Dr. Ngo Thi Hoai Duong</i> <i>Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
P4	Artificial reproduction of Teatfish sea cucumber <i>Holothuria nobilis</i> (senlenka, 1867)	<i>Dr. Nguyen Van Hung</i> <i>Research Institute for Aquaculture No3, Nha Trang, Vietnam</i>
P5	Symbiotic species diversity and population genetics of swimming crab (<i>Portunus pelagicus</i>) in Vietnam	<i>Dr. Dang Thuy Binh</i> <i>Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
P6	Species identification for some brown algae samples collected from coastal water in Ninh Thuan, Vietnam	<i>PhD. student. Le Phuong Chung</i> <i>Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
P7	Occurrence of different epiphytes in <i>Kappaphycus</i> farms at Khanh Hoa province	<i>Msc. Khuc Thi An</i> <i>Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
P8	Effects of green seaweed <i>Ulva reticulata</i> extracts on the growth of water spinach (<i>Impomoea aquatic</i>)	<i>Msc. Van Hong Cam</i> <i>Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
P9	Chitosan nano silver particles creates antibacterial film	<i>Msc. Nguyen T Thanh Hai</i> <i>Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
P10	Application of biotech in the processing of vietgap garlic - torard the value chains and environmental friendly products in Khanh Hoa	<i>Msc. Le Thị Thu Ha</i> <i>Duc Ha Vietnam Manufacturing & Trading Ltd Company, Nha Trang, Vietnam</i>
P11	Species diversity and symbiotic organisms on starfish in Khanh Hoa Province	<i>Msc. Tran Quang Sang</i> <i>Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
P12	Species diversity and molecular phylogeny of perciform fish (Teleostei, Perciformes) at Mekong Delta, Vietnam	<i>Msc. Truong Thi Oanh</i> <i>Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
P13	Nutrition factors affect the growth and development of white-nest swiftlet (<i>Aerodramus fuciphagus</i>) from 8 – 21 days old	<i>Duong The Bao (Msc student)</i> <i>Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
P14	Screening of marine fungi capable of producing endocellulase from seawater in coastal region of Khanh Hoa province	<i>Mr. Pham Bao Khoa (Msc student)</i> <i>Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>
P15	Use of oleaginous yeast <i>Varrowia lipolytica</i> to prepare fish meal from yellowfin tuna (<i>Thunnus albacares</i>) head	<i>Le Thi Kieu Oanh (Bachelor student)</i> <i>Institute for Biotechnology and Environment, Nha Trang University, Nha Trang, Vietnam</i>