



# INTERNATIONAL CONFERENCE ON AQUACULTURE **2024**

Panoramic view of Innovations

## PROGRAMME

Phu Quoc, Viet Nam  
October 17-19, 2024



# INTERNATIONAL CONFERENCE ON AQUACULTURE **2024**

Panoramic view of Innovations

**Organizer:**

COLLEGE OF  
AQUACULTURE AND FISHERIES  
CAN THO UNIVERSITY

**Co-organizer:**

DEUTSCHE GESELLSCHAFT  
FÜR INTERNATIONALE  
ZUSAMMENARBEIT (GIZ) GMBH

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## WELCOME ADDRESS

Dear Colleagues and friends,

Unprecedented growth of aquaculture has been recognized in recent decades both in inland and marine waters worldwide, which has generated significantly increased food production for humans. However, many challenges are also rising such as degraded environment, disease outbreaks, and especially impacts of climate changes that make the industry face many problems. More breakthroughs and innovations are therefore needed to mitigate these challenges.

With that context, the College of Aquaculture and Fisheries, Can Tho University, and the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH together host the 2024 International Conference on Aquaculture with the theme: ***A Panorama of Innovation in Aquaculture***. This conference aims to bring scientists, managers and enterprises from many countries around the world and Vietnam together to share research achievements, high-tech aquaculture technology processes, adaptation to climate change, as well as breakthrough ideas, innovation, and creativity to promote sustainable development of the aquaculture industry in the country and the region.

We do hope the new findings from different important fields including Broodstock and larviculture; Aquaculture engineering; Circular aquaculture; Fish nutrition and physiology; Fish health management; Genetic and selective breeding; Aquaculture environment management; Seafood processing and safety; and especially with the two new areas of Industry innovations sharing and Animal welfare will be openly highlighted and shared.

The conference is also a great opportunity for national and international scientists, managers, and enterprises to meet, exchange, and develop collaboration in scientific research, training, aquaculture production, and business.

We would like to express our deepest thanks to the sponsors, without your generous support, this conference would not have taken place successfully.

Our great gratitude is also to all the participants who are either scientists from academic institutions or managers, farmers, businesses from the private sectors, without your participation, this conference would not have occurred either.

The conference takes place on a beautiful island that has become a famous site for tourists worldwide. We do hope that all participants will enjoy the conference as well as the beauty and scenery of Phu Quoc.

**The conference organizers**

## TOPICS

Animal welfare

Aquaculture engineering (aquaculture system)

Aquaculture environment management

Broodstock and larviculture

Circular aquaculture

Climate change adaptation

Fish health management

Fish nutrition and physiology

Genetic and selective breeding

Industry innovations sharing

Seafood processing and safety



## PRACTICAL INFORMATION

**Location:** Muong Thanh Luxury Phu Quoc Hotel

**Conference agenda:**

- **Registration:**  
Date: October 16, 2024  
Time: 14:00  
Location: Ground Floor
- **Conference sessions:**  
Date: October 17-18, 2024  
Start Time: 8:00  
Location: Third Floor  
Plenary Session: HAM NINH Hall

**Meals:**

Lunch (October 17 and 18) will be served on the second floor of the hotel

**Gala Dinner:**

At 18:00, October 18, 2024 in HAM NINH Hall

We look forward to welcoming you!



**CONFERENCE PROGRAM**  
**Aquaculture 2024: Panoramic View of Innovations**

**Date: 17-19 October 2024**  
**Venue: Muong Thanh Luxury Hotel, Phu Quoc**  
**Archipelago, Vietnam**

**17 October 2024**

Main HALL- HAM NINH	
Time	Contents
8:00-8:45	<b>Registration</b>
8:45-9:00	<b>Cultural performance</b>
9:00-9:10	<b>Opening speech – Can Tho University</b>
9:10-9:20	<b>Introduction to Co-organizer (GIZ)</b> <b>GIZ involves in sustainable aquaculture innovation &amp; transformation</b> <i>Mr. Ngo Tien Chuong, GIZ Viet Nam</i>
9:20-9:30	<b>Sponsor appreciation</b>
9:30-10:00	<b>Keynote 1: Aquaculture in Vietnam: a decade of technological innovations</b>  <i>Prof. Nguyen Thanh Phuong</i> <i>Can Tho University, Vietnam</i>
10:00-10:30	<b>Keynote 2: Modern aquaculture is at a turning point: From monoculture to integrated systems - a necessity but an opportunity as well</b>  <i>Prof. Patrick Sorgeloos</i> <i>Ghent University, Belgium</i>
10:30-10:45	<b>Coffee break</b>
10:45-11:15	<b>Keynote 3: Twin Transition in Vietnam – Opportunities for Research and Development of Smart Solutions in Carbon-Neutral Intensive Vannamei Shrimp Farming</b>

	<i>Dr. Nguyen Thanh My</i> <i>Mylan group, Vietnam</i>
11:15-11:45	<b>Keynote 4: Upcycling seafood by-products towards circular and sustainable development of Vietnam's seafood industry</b>  <i>Mr. Phan Thanh Loc</i> <i>Vietnam Food JSC., Vietnam</i>
12:00-13:30	<b>Poster session and lunch</b>
<b>HALL 1-CHAN QUY</b>	
<b>Time</b>	<b><i>Aquaculture engineering</i></b> <i>Chairs: A/Prof. Suriyan Tunkijjanukij –Prof. Marc Verdegem</i>
13:30-13:50	FRESHWATER PRAWN AQUACULTURE: INNOVATIONS AS A KEY TO SUSTAINABILITY AND WELFARE  <b><i>Krishna R. Salin</i></b>
13:50-14:10	APPLICATION OF INDUSTRY 4.0 IN AQUACULTURE  <b><i>Truong Minh Thai</i></b>
14:10-14:30	DYNAMIC MODELLING FOR ENHANCED ALKALINITY CONTROL IN RECIRCULATING AQUACULTURE SYSTEMS (RAS)  <b><i>Marie Aline Montjouridès, Susanna Röblitz, Håkon Dahle</i></b>
14:30-14:50	EFFECT OF STOCKING DENSITY ON WATER QUALITY AND GROWTH OF RAINBOW TROUT ( <i>Onchohynchus mykiss</i> ) FARMING IN LOW-HEAD RECIRCULATING AQUACULTURE SYSTEMS (RAS) IN VIETNAM  <b><i>Tran Thi Kim Chi, Pham Thai Giang, Nguyen Thanh Hai, Nguyen Duc Thong</i></b>
14:50-15:10	<b><i>Coffee break</i></b>
15:10-15:30	EFFECT OF OZONE NANOBUBBLE ON WATER QUALITY, GROWTH PERFORMANCE, SURVIVAL RATE AND

	<p>MICROFLORA OF WHITE LEG SHRIMP (<i>Penaeus vannamei</i>)  <b>Phan Trong Binh</b>, Nguyen Huu Nghia, Tong Tran Huy, Sophie St-Hilaire, Pham Thai Giang, Phan Thi Van</p>
15:30-15:50	<p>RESEARCH AND DEVELOPMENT OF SUPER-INTENSIVE WHITE-LEG SHRIMP FARMING IN MULTI-SPECIES RECIRCULATING AQUACULTURE SYSTEM  <b>Tran Ngoc Hai</b>, Tran Nguyen Duy Khoa, Duong Thi My Han, Le Van Thong and Le Quoc Viet</p>
15:50-16:10	<p>ASIAN SWAMP EEL CULTURE IN THE MEKONG DELTA: CURRENT STATUS AND PROSPECTIVE DEVELOPMENT  Pham Thanh Liem, Lam My Lan, Nguyen Thanh Hieu, <b>Dao Minh Hai</b></p>
16:10-16:30	<p>RESOURCES USE AND COST-BENEFIT ANALYSIS OF INTENSIVE AND SUPER-INTENSIVE WHITE-LEG SHRIMP (<i>Litopenaeus vannamei</i>) FARMING IN THE MEKONG DELTA, VIETNAM  Nguyen Van Phung, Vo Nam Son, <b>Cao Hoang Thuy An</b>, Tran Ngoc Hai, Nguyen Nguyen Minh, and Nguyen Thanh Phuong</p>
16:30-16:50	<p>MANAGING WATER QUALITY IN FRESHWATER AQUACULTURE WITH SMART TECHNOLOGY  <b>Béla Urbányi</b> and Pham Thai Giang</p>

HALL 2 – KY LAN	
Time	<p><b>Genetic and selective breeding</b>  Chairs: Dr. Salin Krishna and A/Prof. Duong Thuy Yen</p>
13:30-13:50	<p>SEED PRODUCTION OF INDIGENOUS FRESHWATER SPECIES TOWARDS DIVERSIFICATION AND ADAPTATION  <b>Pham Thanh Liem</b>, Bui Minh Tam, Duong Nhut Long, Nguyen Van Trieu, Duong Thuy Yen</p>
13:50-14:10	<p>HORMONE-INDUCED SPAWNING IN BLACK SPOTTED CROAKER <i>Protonibea diacanthus</i></p>

	<i>Manh V. Ngo, Hoang M. Le, Hung D. Pham, Anh T. Pham, Thanh T. Hoang, Dung V. Tran, <b>Linh P. Pham</b></i>
14:10-14:30	A STUDY ON THE ARTIFICIAL REPRODUCTION OF SLIPPER LOBSTER ( <i>Thenus orientalis</i> LUND, 1793)  <i>Truong Quoc Thai, Nguyen Van Manh</i>
14:30-14:50	SELECTION OF STRIPED CATFISH ( <i>Pangasianodon hypophthalmus</i> ) FOR BRACKISHWATER FARMING: AN ADAPTIVE STRATEGY TO CLIMATE CHANGE  <i>Nguyen Thanh Phuong, <b>Duong Thuy Yen</b>, Dao Minh Hai, Dang Quang Hieu, Pham Thanh Liem, Bui Minh Tam, Do Thi Thanh Huong, Bui Thi Bich Hang, Vo Nam Son, Patrick Kestemont, and Frédéric Farnir</i>
14:50-15:10	<b>Coffee break</b>
15:10-15:30	REVEALING HIGH GENE FLOW OF THE ENDANGERED SMALL-SCALE CROAKER ( <i>Boesemania microlepis</i> ) IN THE LOWER MEKONG BASIN BASED ON GENOME-WIDE SNP ANALYSIS  <i>Quyen Dang Ha Vu, Christopher E. Bird, Oanh Thi Truong, Sang Quang Tran, Ellen E. Biesack, Amanda S. Ackiss, Kent E. Carpenter, Binh Thuy Dang</i>
15:30-15:50	RESEARCH ON ARTIFICIAL BREEDING OF ANNELID WORM ( <i>Tylorrhynchus heterochaetus</i> Quatrefages, 1865) IN VIETNAM  <i>Cao Van Hanh and Phan Thi Van</i>

HALL 3- HAM RONG	
Time	<i>Industry innovations sharing</i> <i>Chair: Béla Urbányi</i>
13:30-13:50	KNOWLEDGE AND TECHNOLOGY TRANSFER IN FRESHWATER AQUACULTURE: CHALLENGES AND SOLUTIONS  <i><b>Béla Urbányi</b> and Pham Thai Giang</i>
13:50-14:10	FUTURE FEED EFFICIENCY

	<i>Herve Lucien-Brun, <b>Binh Nguyen</b></i> <i>JEFO NUTRITION INC</i>
14:10-14:30	<i>Dong A Chemical</i>
14:30-14:50	<i>Minh Phu Seafood Joint Stock Company</i>
<b>14:50-15:10</b>	<b>Coffee break</b>
15:10-15:30	DATA-DRIVEN PERSPECTIVES ON SHRIMP ( <i>Litopenaeus vannamei</i> ) FARMING MANAGEMENT IN VIETNAM  <i>Minh Phu Seafood Joint Stock Company</i>
15:30-15:50	HIGH PROTEIN AND LOW PROTEIN IN SHRIMP FEED: THE PRODUCT INNOVATION FROM GROBEST”  <i>Tran Ngoc Thien Kim and Le Van Khoa</i> <i>GROBEST Company</i>
15:50-16:10	SUGARCANE EXTRACT POLYPHENOL FOR AQUACULTURE TRIALS  <i>Metakarn Leartkiatrachata</i> <i>Cellulosic Biomass Technology Co., Ltd.(CBT)</i>

HALL 4-AN TAY	
<b>Time</b>	<b><i>Aquaculture environment management</i></b> <i>Chair: Prof. Vu Ngoc Ut</i>
13:30-13:50	CURRENT STATUS OF CLAM FARMING AND ENVIRONMENTAL CHALLENGES UNDER CLIMATE CHANGE CONTEXTS IN NORTHERN VIETNAM  <i>Mai Van Tai and Phan Thi Van</i>
13:50-14:10	STUDY ON THE EFFECT OF LIGHT INTENSITY ON THE GROWTH AND AMMONIA TREATMENT CAPACITY OF Spirulina SP. IN SHRIMP AQUACULTURE WASTEWATER

	<b>Pham Thi Mai</b> , <i>Pham Gia Luan, Truong Thi Thanh Trà, Khong Thi Phuong Trang, Pham Thi My Duyen</i>
14:10-14:30	<p>UPDATED CHECKLIST OF CHONDRICTHYANS IN THE SULTANATE OF OMAN MARINE WATERS WITH TWELVE NEW RECORDS OF BATOIDS</p> <p><b>Khalfan M. Alrashdi</b>, <i>Iman S. Alkharusi, Saud S. AlBusaidi, and Asad S. Alrajhi</i></p>
14:30-14:50	<p>SPECIES COMPOSITION AND DENSITY OF ZOOBENTHOS IN INTEGRATED MANGROVE-SHRIMP FARMING SYSTEMS IN NGOC HIEN DISTRICT, CA MAU PROVINCE</p> <p><i>Tran Nguyen Yen Ly, <b>Vu Hung Hai</b>, Au Van Hoa, Vu Ngoc Ut, Nguyen Thi Kim Lien, Ngo Tien Chuong, Tran Ngoc Hai, Huynh Truong Giang</i></p>
14:50-15:10	<b>Coffee break</b>
	<p><b>Animal welfare</b>  <i>Chair: Prof. Sunil Kadri</i></p>
15:10-15:30	<p>PRECISION FARMING IN AQUACULTURE: USE OF A NON-INVASIVE, AI-POWERED REAL-TIME AUTOMATED BEHAVIOURAL MONITORING APPROACH TO PREDICT GILL HEALTH AND IMPROVE WELFARE IN ATLANTIC SALMON (<i>Salmo salar</i>) AQUACULTURE FARMS</p> <p><i>Meredith Burke, Dragana Nikolic, Pieter Fabry, Hemang Rishi, Trevor Telfer, <b>Sonia Rey Planellas</b></i></p>
15:30-15:50	<p>WELFARE SCORING FOR WHOLE FISH POPULATIONS BASED ON BEHAVIOUR, PRODUCTION AND ENVIRONMENTAL VARIABLES USING ARTIFICIAL INTELLIGENCE</p> <p><b>Sunil Kadri</b> and <i>Johannes Kvam</i></p>
15:50-16:10	<p>PRELIMINARY EVALUATION OF WELFARE INDICATORS IN SUPER-INTENSIVE WHITE LEG SHRIMP (<i>Litopenaeus vannamei</i>) FARM IN MEKONG DELTA, VIETNAM</p> <p><i>Huynh Nguyen Nguyen Ha, Nguyen Quoc Thinh, Tran Minh Phu</i></p>

16:10-16:30	<p>(RE)MAKING THE MEANING OF FISH WELFARE IN THE MEKONG DELTA</p> <p><i>Le Thanh Hai, Ta Hoang Banh, Nguyen Thi Cam Tu, Nguyen Thi Kim Huong</i></p>
16:30-16:50	<p>PERCEPTIONS OF FARMED FISH WELFARE BY DIFFERENT STAKEHOLDERS: A FOCUS ON SMALL-SCALE FISH FARMS IN MEKONG DELTA, VIETNAM</p> <p><i>Nguyen Quoc Thinh, Dang Thi Hoang Oanh, Sunil Kadri, Margaret Crumlish, Tran Minh Phu</i></p>
17:00-19:00	<p><b>Jefo Peak Workshop</b></p> <p><i>Chair: Prof. Tran Thi Thanh Hien</i></p> <p><i>Participants are privately invited</i></p>



**18 October 2024**

<b>HALL 1 CHAN QUY</b>	
<b>Time</b>	<b><i>Fish health management</i></b> <i>Chairs: Prof. Anders Dalsgaards and Prof. Margaret Crumlish</i>
9:00-9:20	SOLUTIONS AND INTERVENTIONS TO MITIGATE ANTIMICROBIAL USE AND RESISTANCE IN AQUACULTURE  <b><i>Anders Dalsgaards</i></b>
9:20-9:40	UPDATED RESEARCH ON ENTEROCYTOZON HEPATOPENAEI AND TRANSLUCENT POST LARVAE DISEASE FROM FARMED SHRIMP IN THE MEKONG DELTA  <b><i>Dang Thi Hoang Oanh, Le Ngoc Huyen, Nguyen Thi Ngoc Huyen, Truong Quoc Phu, Vu Ngoc Ut and Nguyen Thanh Phuong</i></b>
9:40-10:00	NORTHERN CORAL TRIANGLE CORAL CILIATES DISEASES AND DISEASE PREVENTION  <b><i>Wei-Ting, Sun, De-Sing, Ding</i></b>
10:00-10:20	IS VACCINE HESITANCY DRIVING THE AMR CRISIS IN AQUACULTURE?  <b><i>Margaret Crumlish, Julie Chambers, David Comerford, Le Hong Phuoc, Vo Hong Phuong and Ronan O'Carroll</i></b>
10:20-10:40	<b><i>Coffee break</i></b>
10:40-11:00	VIRULENCE FACTOR GENES AND COMPRATIVE PATHOGENICITY OF <i>Vibrio</i> SPP. FROM FARMED SHRIMP IN CENTRAL VIETNAM  <b><i>Cuong Thanh Le, Thu Thi Anh Nguyen, Cam Hong Van, Huong Thi Thu Dinh</i></b>
11:00-11:20	THE EFFECTIVENESS OF RECOMBINANT C - type LECTIN ON THE INNATE IMMUNE DEFENSE AND

	<p>DISEASE PREVENTION TO <i>Vibrio parahaemolyticus</i> IN WHITE LEG SHRIMP (<i>Penaeus vannamei</i>)</p> <p><i>Tran Vinh Phuong, Nguyen Xuan Huy, Nguyen Quang Linh, <b>Nguyen Ngoc Phuoc</b></i></p>
11:20-11:40	<p>ANTIBIOTIC USED IN STRIPED CATFISH (<i>Pangasianodon hypophthalmus</i>) AQUACULTURE IN THE MEKONG DELTA, VIETNAM</p> <p><b>Pham Quang Vinh</b>, <i>Nguyen Quoc Thinh, Dang Thi Hoang Oanh, Anders Dalsgaard, Masashi Maita, Tran Minh Phu</i></p>
11:40-13:30	Lunch
	<p><b>Fish health management</b>  <i>Chairs: Prof. Anders Dalsgaards and Prof. Tran Thi Tuyet Hoa</i></p>
13:30-13:50	<p>REDUCTION OF ANTIMICROBIAL USE IN PANGASIUS AND TILAPIA AQUACULTURE IN VIETNAM</p> <p><b>Dang Thi Lua</b>, <i>Truong Thi My Hanh, Mads Martinus Hauge, Tran Minh Phu, Nguyen Thanh Phuong, Bui Ngoc Thanh, Nguyen Ngoc Du, Phan Thanh Lam, Le Thi May, Bui Thi Bich Hang, Nguyen Anh Phong and Anders Dalsgaard</i></p>
13:50-14:10	<p>IMPLEMENTATION AND PRELIMINARY RESULTS OF THE FICAP PROJECT “Sustainable water management through innovative microbial management” IN THE MEKONG DELTA PROVINCES</p> <p><i>Bui Ngoc Minh Ngan, <b>Nguyen Minh Thuat</b>, Frederiek Maarten Kerckhof, Tran Thi My Duyen, Vu Ngoc Ut, Tran Thi Tuyet Hoa, Ruben Props</i></p>
14:10-14:30	<p>THE POTENTIAL OF MEDICINAL PLANTS IN FISH HEALTH MANAGEMENT</p> <p><b>Bui Thi Bich Hang</b>, <i>Tran Thi My Duyen, Dang Thuy Mai Thy, Truong Quynh Nhu, Do Thi Thanh Huong, Tran Thi Tuyet Hoa and Nguyen Thanh Phuong</i></p>
<b>14:50-15:10</b>	<b>Coffee break</b>

15:10-15:30	STUDIES ON THE PORTAL OF ENTRY OF WHITE SPOT SYNDROME VIRUS IN <i>Penaeus vannamei</i>  <b><i>Khuong Van Thuong</i></b> <i>Grobest Vietnam</i>
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HALL 2 KY LAN	
Time	<b><i>Circular Aquaculture</i></b> <i>Chairs: Prof. Marc Verdegem and Dr Kazi Kabir</i>
9:00-9:40	IN RETROSPECT MY VISON ON THE FUTURE OF AQUACULTURE...  <b><i>Marc Verdegem</i></b>
9:40-10:00	CIRCULAR INTENSIVE SHRIMP AQUACULTURE: ZERO DISCHARGE - REDUCED INPUT AND ENVIRONMENTAL IMPACT  <b><i>Nguyen Nhut</i></b>
10:00-10:20	DIETARY FACTORS AFFECTING THE QUANTITY AND QUALITY OF FAECAL WASTE IN STRIPED CATFISH  <b><i>Tran Le Cam Tu</i></b>
10:20-10:40	<b><i>Coffee break</i></b>
10:40-11:00	EFFECTS OF DIFFERENT SALINITY ON PERFORMANCE OF WHITELEG SHRIMP ( <i>Litopenaeus vannamei</i> ) IN OUTDOOR PONDS  <b><i>Tran Huu Tinh</i></b>
11:00-11:20	AQUACULTURE WASTE NUTRIENT RECOVERY BY DIFFERENT BIO-CONVERSION APPROACH  <b><i>Nguyen Dinh Hai Yen</i></b>
11:20-11:40	WATER QUALITY IN THE SUPER-INTENSIVE SHRIMP POND IN BAC LIEU PROVINCE, VIETNAM  <b><i>Phan Thi Cam Tu</i></b>
11:40-13:30	<b><i>Lunch</i></b>

13:30-13:50	EFFECT OF TEMPERATURE ON NUTRITIONAL REQUIREMENTS OF STRIPED CATFISH ( <i>Pangasianodon hypophthalmus</i> )  <b><i>Nguyen Thi My A</i></b>
13:50-14:10	EFFECT OF SEAWEED DRYING TEMPERATURE AND METHODS ON NUTRIENT COMPOSITION  <b><i>Nguyen Thi Cam Tu</i></b>
14:10-14:30	EFFECT OF TEMPERATURE ON TAURINE REQUIREMENT IN STRIPED CATFISH ( <i>Pangasianodon hypophthalmus</i> )  <b><i>Thai Thanh Doi</i></b>
14:30-14:50	EFFECT OF DIETARY C:N:P RATIO ON FOODWEB ENHANCEMENT AND ALGAL BLOOM REGULATION IN PANGASIUS POND AQUACULTURE  <b><i>Nguyen Gia Quan</i></b>
<b>14:50-15:10</b>	<b><i>Coffee break</i></b>
15:10-15:30	INTERACTION OF DIETARY FAT LEVEL AND TEMPERATURE ON FOODWEB AND MICROBIOME COMPOSITION IN PANGASIUS FARMING  <b><i>Truong Hiep Thanh</i></b>
15:30-15:50	FRASS FROM BLACK SOLDIER FLY LARVAE, <i>Hermetia illucens</i> , AS A POTENTIAL CIRCULAR FEED INGREDIENT FOR TILAPIA  <b><i>Nguyen Thi Thanh Ngan</i></b>
15:50-16:10	EFFECT OF DIETARY FAT LEVEL ON ADAPTATION WITH HIGH TEMPERATURE FOR PANGASIUS FARMING  <b><i>Le Bao Khanh</i></b>
16:10-16:50	FEED MANAGEMENT IN POND AQUACULTURE – TIME TO CHANGE  <b><i>Kazi Ahmed Kabir</i></b>

HALL 3 – HAM RONG	
<b>Time</b>	<b><i>Fish nutrition and physiology</i></b> <i>Chairs: Prof. Yutaka Haga and Prof. Surintorn Boonanuntanasarn</i>
9:00-9:20	MORPHOLOGICAL AND PHYSIOLOGICAL ADAPTATIONS OF AIR-BREATHING FISH TO AQUATIC HYPOXIA  <b><i>Atsushi Ishimatsu, Magnus Aaskov, Thi Kim Ha Nguyen, Do Thi Thanh Huong, Mark Bayley</i></b>
9:20-9:40	DEVELOPMENT OF A DIET TO ACHIEVE HIGHER CONTENT OF DOCOSAHEXAENOIC ACID IN THE FILLET OF ASIAN SEABASS <i>Lates calcarifer</i> WITH <i>Aurantiochytrium</i> MEAL  <i>Chainark P, Obtian J, Yuttayong D, Kabeya N, Satoh S, Haga Y</i>
9:40-10:00	EFFECT OF DIETARY SUPPLEMENTATION OF CRUDE EXTRACT OF GREEN SEAWEED <i>Chaetomorpha linum</i> ON PERFORMANCE OF WHITELEG SHRIMP <i>Litopenaeus vannamei</i>  <b><i>Nguyen Thi Ngoc Anh, Huynh Truong Giang, Tran Nguyen Duy Khoa, Tran Ngoc Hai, Le Quoc Viet, Dang Thi Hoang Oanh</i></b>
10:00-10:20	EFFECTS OF DIFFERENT DIETS ON THE GROWTH AND SURVIVAL RATE OF POLYCHAETE <i>Dendronereis chipolini</i> IN THE SETTLING STAGE  <b><i>Phan Truong Chinh, Tran Thi Yen, Huynh Phuoc Vinh, Vu Ngoc Ut</i></b>
10:20-10:40	<b><i>Coffee break</i></b>
10:40-11:00	DIETARY L-TRYPTOPHAN AND ITS IMPACT ON MORPHOMETRICS AND PRODUCTIVITY IN ALL-MALE GIANT FRESHWATER PRAWN, <i>Macrobrachium rosenbergii</i> IN NURSERY CONDITION

	<b>Jaynos R. Cortes</b> , Krishna R. Salin, Ha Thanh Dong, Saengchan Senapin
11:00-11:20	THE USE OF PROTEASE AND DIGESTIBILITY ENHANCER IN FEED TO IMPROVE THE PERFORMANCE OF FEED FORMULATING WITH PALM KERNEL MEAL FOR PACIFIC WHITE SHRIMP <i>Penaeus vannamei</i>  <b>Romi Novriadi</b>
11:40-13:30	<b>Lunch</b>
	<b>Broodstock and larviculture</b> Chairs: A.Prof. Pham Thanh Liem and A.Prof. Bui Minh Tam
13:30-13:50	EFFECT OF OZONE NANOBUBBLE ON WATER QUALITY AND DEVELOPMENT OF RAINBOW TROUT EMBRYOS  <b>Vu Thi Trang</b> , Pham Thai Giang, Tran Thi Kim Chi, Dang Thi Lua
13:50-14:10	SUSTAINABILITY OF WILD SPINY LOBSTER ( <i>Panulirus</i> spp.) SEED SUPPLY TO THE AQUACULTURE INDUSTRY IN SOUTHEAST ASIA (VIETNAM, INDONESIA AND THE PHILIPPINES)  <b>Tuan Le Anh</b> , Clive M Jones, and Bayu Priyambodo
14:10-14:30	EFFECTS OF ARTEMIA ENRICHMENT REGIMES ON GROWTH, SURVIVAL RATE, SHOCK RESISTANCE OF JUVENILE GIANT TREVALLY ( <i>Caranx ignobilis</i> , Forsskål 1775)  <b>Pham Thi Anh</b> , Hoang Thi Thanh, Ngo Van Manh, Pham Duc Hung
14:30-14:50	EARLY WEANING OF LARVAL GIANT SNAKEHEAD ( <i>Channa micropeltes</i> ) USING HIGH PROTEIN DIET  <b>Bui Minh Tam</b> , Tran Thi Thanh Hien and Cao Thi Thu Nguyet
<b>14:50-15:10</b>	<b>Coffee break</b>

15:10-15:30	STUDY ON SEED PRODUCTION AND GROW-OUT OF CARRANGIDAE SPECIES IN NHA TRANG UNIVERSITY  <b><i>Pham Duc Hung, Ngo Van Manh, Le Minh Hoang</i></b>
15:30-15:50	CRYOPRESERVATION OF TESTES: A PRESERVATION APPROACH OF FISH  <b><i>Surintorn Boonanuntanasarn</i></b>

	<b>HALL 4 - AN TAY</b>
	<b>PANEL DISCUSSION</b> <b><i>Facilitator: Dr. Chuah Chong Joon</i></b>
9:00-10:20	PANEL 1: AQUACULTURE ADAPTATION AND INNOVATIONS IN THE ASIA-PACIFIC REGION  <b><i>Panelists:</i></b> <i>Dr. Le Thi Van Hue</i> <i>Dr. Arissara Sopawong</i> <i>Dr. Eduardo Leano</i> <i>Prof. Tran Ngoc Hai</i>
10:20-10:40	<b><i>Coffee break</i></b>
10:40-12:00	PANEL 2: NATURE-BASED SOLUTIONS AND AQUACULTURE IN THE ASIA-PACIFIC REGION  <b><i>Panelists:</i></b> <i>Dr. Veena N</i> <i>Dr. Lilian Wong</i> <i>Prof. Tran Ngoc Hai</i> <i>Mr. Robert Hunter</i>
12:00-13:30	<b><i>Lunch</i></b>
	<b><i>Seafood processing and safety</i></b> <i>Chairs: Prof. Marie-Louise Scippo and Dr. Caroline Douny</i>
13:30-13:50	FOOD SAFETY RELATED TO AQUACULTURE PRODUCTS IN VIETNAM, PART 1: ANTIBIOTIC RESIDUES

	<b>Caroline Douny and Marie-Louise Scippo</b>
13:50-14:10	SPOILAGE ACTIVITY OF BLUE MUSSELS ( <i>Mytilus edulis</i> ) PACKAGED UNDER HIGH-OXYGEN ATMOSPHERE  <b>Susana Endah Ratnawati, Ruo Yang, Lotta Kuuliala, Kristof Demeestere, Christophe Walgraeve, Peter Ragaert, Frank Devlieghere</b>
14:10-14:30	PHAGE DISCOVERY AS A STRATEGY TO EXTEND THE SHELF LIFE OF THE NORWAY LOBSTER ( <i>Nephrops novvegicus</i> )  <b>Albalat, A., Clokie, B.G.J.; Elshestawy, A., Michniewski, S., Ong, A, Sicheritz-Ponten, T., Petersen, B., Clokie, M.R.J.</b>
14:30-14:50	FOOD SAFETY RELATED TO AQUACULTURE PRODUCTS IN VIETNAM, PART 2: ENVIRONMENTAL CONTAMINANTS  <b>Caroline Douny and Marie-Louise Scippo</b>
<b>14:50-15:10</b>	<b>Coffee break</b>

18:30- 21:00	<b>GALA Diner</b>	<b>Main Hall</b>
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## POSTER SESSION

CODE	<b><i>Aquaculture engineering</i></b>
P15	<p>APPLICATION OF PLASMA TECHNOLOGY IN SOLUTION TO IMPROVE SURVIVAL RATE AND GROWTH OF MUD EEL (<i>Monopterus albus</i> Zuiew, 1793) IN NURSING STAGE FROM LARVAES TO FINGERLINGS</p> <p><b><i>Vo Hoang Liem Duc Tam</i></b>, Nguyen van Trieu, Nguyen Van Dung, Dương Nhut Long</p>
P21	<p>APPLICATION OF ACOUSTIC TECHNOLOGY FOR INVERSE ESTIMATION OF FISH SCHOOL LENGTH AND QUANTITY IN AQUACULTURE PONDS</p> <p><b><i>Tsang-Chieh Huang, Yung-Sheng Chiu</i></b></p>
P32	<p>NATURE-BASED SOLUTIONS IN AQUACULTURE: Ca Mau Province at A Glance</p> <p><b><i>Vo Nam Son, Nguyen Thi Ngoc Anh, Nguyen Do Quynh, Nguyen Tin Em, Nguyen Thi Kim Ha, Do Thi Thanh Huong, Tran Thi Thuy Hang, Nguyen Nhat Hao, Huynh Thi Thien Huong, Phan Thi My Anh, Boripat Lebel, Louis Lebel, and Nguyen Thanh Phuong</i></b></p>
P34	<p>INCREASING THE PRODUCTION BY APPLICATION OF RECIRCULATORY AQUACULTURE SYSTEM (RAS) IN NURSING STRIPED CATFISH (<i>Pangasianodon hypophthalmus</i>)</p> <p><b><i>Pham Thanh Liem, Dao Minh Hai, Vo Minh Khoi</i></b></p>
P28	<p>FARMER DECISION TO PARTICIPATE IN AQUACULTURE COOPERATIVES AND FARMING CLUSTER IN VIET NAM: A STUDY OF SMALL-SCALE SHRIMP FARMING</p> <p><b><i>Truong Thi Anh Tuyet and Nguyen Thi Kim Quyen</i></b></p>
	<b><i>Genetic and selective breeding</i></b>
P14	<p>BUILDING TECHNICAL PROTOCOL FOR ARTIFICIAL PROPAGATION AND COMMERCIAL FARMING OF FISH (<i>Onychostoma gerlachi</i> Peters, 1881) IN KON PLÔNG DISTRICT, KON TUM PROVINCE</p>

	<b><i>Duong Nhut Long, Duong Thuy Yen, Nguyen Hoang Thanh, Lam My Lan</i></b>
P18	STUDY ON MATURATION BROODSTOCK AND INDUCED SPAWNING OF PEACOCK EEL ( <i>Macrogathus siamensis</i> )  <b><i>Nguyen Quang Trung, Ho My Hanh, Lam Tan Phat, Nguyen Quoc Dat, Huynh Phu Hoa, Vo Thi Hong Hanh, Pham Thi Tuyet Anh</i></b>
P7	STUDY ON EFFECTS OF DOPAMINE HORMONE ON THE NEO-FEMALE OF GIANT FRESHWATER PRAWN ( <i>Macrobrachium rosenbergii</i> )  <b><i>Nguyen Duc Minh, Huynh Cong Tru, Bach Thi Lieu, Nguyen Quang Huy, Nguyen Ngoc Ha, Nguyen Phuc Cam Tu</i></b>
P33	A SELECTION OF POTENTIALLY INDIGENOUS EURYHALINE CATFISH SPECIES FOR AQUACULTURE IN THE MEKONG RIVER DELTA, VIETNAM  <b><i>Nguyen Tinh Em, Bui Thi Bich Hang, Nguyen Hong Quyet Thanh, Le Quoc Viet, Do Thi Thanh Huong, Duong Thuy Yen, Nguyen Thi Kim Ha, Nguyen Tan Tai, Vo Nam Son, Huynh Viet Khai, Frédéric Farnir, Patrick Kestemont and Nguyen Thanh Phuong</i></b>
P9	INITIAL RESULTS OF ARTIFICIAL STIMULATION OF PSEUDOMYSTUS SIAMENSIS  <b><i>Le Trung Dinh, Pham Thanh Liem, Bui Minh Tam</i></b>
P36	EFFECTS OF SALINITY ON THE GROWTH AND MATURATION OF BIGHEAD CATFISH ( <i>Clarias macrocephalus</i> Günther, 1864)  <b><i>Do Duy Truong, Dinh Hoang Phat, and Duong Thuy Yen</i></b>
	<b><i>Aquaculture environment management</i></b>
P13	ASSESSMENT OF WATER SOURCES IN THE RICE-SHRIMP FARMING AREA OF THOI BINH DISTRICT, CA MAU PROVINCE  <b><i>Ngo Tien Chuong, Tran Trung Giang, Vu Hung Hai, Au Văn Hoa, Tran Ngoc Hai và Huynh Truong Giang</i></b>

P22	<p>STUDYING THE EFFECT OF DIFFERENT WATER LEVELS ON ARTEMIA FRANCISCANA BIOMASS PRODUCTIVITY CULTURE BY INTENSE FARMING EFFLUENT <i>Litopenaeus vannamei</i></p> <p><b>Le Van Thong, Vu Ngoc Ut, Nguyen Van Hoa, Nguyen Dinh Huy</b></p>
P27	<p>LEVERAGING SHRIMP FARM WASTEWATER FOR MICROALGAE AND ARTEMIA PRODUCTION: A SUSTAINABLE NUTRIENT CYCLING STRATEGY FOR AQUACULTURE</p> <p><b>Linh P. Pham, Huy D Nguyen, Ut V. Phan, Anh T. Pham, Thong V. Le</b></p>
P35	<p>ANALYSIS OF TECHNICAL AND COST-BENEFIT OF MANGROVE-SHRIMP FARMING IN KIEN GIANG PROVINCE</p> <p><b>Dang Thanh Thang, Le Quoc Viet, Tran Nguyen Duy Khoa, Nguyen Tin Em, Trinh Thi Loc Phuoc, Duong Thi My Han and Vo Nam Son</b></p>
<b>Fish nutrition and physiology</b>	
P6	<p>NUTRIENT ENRICHMENT AND PROBIOTICS FOR SEA URCHIN LARVAE IN CAPTIVITY TO PROMOTE LARGE-SCALE AQUACULTURE</p> <p><b>Wei-Ting, Sun, Yiru Chu, Chieh-Yu Pan, Chih-Hung Pan, De-Sing Ding</b></p>
P10	<p>THE REQUIREMENTS FOR MAINTENANCE AND EFFICIENCY OF PROTEIN AND ENERGY UTILIZATION OF SWAMP EEL (<i>Monopterus albus</i>)</p> <p><b>Lam My Lan, Tran Thi Thanh Hien, Nguyen Thanh Hieu, Nguyen Thi Mong Tuyen, Yutaka Haga and Tran Le Cam Tu</b></p>
P11	<p>EFFECTS OF DIETARY SUPPLEMENTS ON GROWTH DIGESTIBILITY, FAECAL CHARACTERISTICS AND OF STRIPED CATFISH (<i>Pangasianodon hypophthalmus</i>) FINGERLINGS</p> <p><b>Pham Thi Cam Lai, Tran Le Cam Tu, Tran Thi Thanh Hien, Nguyen Hong Quyet Thang, Pham Thanh Liem</b></p>

P12	<p>EFFECTS OF ARTEMIA BIOMASS IN DIETS ON REARING EFFICIENCY OF SWAMP EEL (<i>Monopterus albus</i>) FROM FRY TO FINGERLINGS</p> <p><b>Nguyen Thanh Hieu, Tu Thanh Dung and Lam My Lan</b></p>
P23	<p>POTENTIAL OF ARTEMIA BIOMASS CULTIVATED FROM WHITE LEG SHRIMP WASTEWATER AS A SUPPLEMENTAL DAILY FEED: EFFECTS ON SHRIMP GROWTH PERFORMANCE, SURVIVAL AND FEED EFFICIENCY</p> <p><b>Huy D. Nguyen, Le B. T. Nguyen, Sy T. Nguyen, Dung V. Tran, Thong V. Le</b></p>
P31	<p>PHYSIOLOGICAL RESPONSES AND GROWTH PERFORMANCE OF <i>Pangasius krempfi</i> UNDER VARYING SALINITY LEVELS</p> <p><b>Nguyen Hong Quyet Thang, Nguyen Tinh Em, Nguyen Thi Kim Ha, Do Thi Thanh Huong, Bui Thi Bich Hang, Le Quoc Viet, Pham Thanh Liem, Duong Thuy Yen, Frédéric Farnir, Patrick Kestemont, and Nguyen Thanh Phuong</b></p>
<b>Fish health management</b>	
P1	<p><i>In vitro</i> ANTIBACTERIAL ACTIVITY OF MYRTACEAE PLANT EXTRACTS AGAINST COMMON FISH BACTERIAL PATHOGENS</p> <p><b>Nguyen Thanh Nghe, Nguyen Vu Duy, Pham Quoc Doan, Tran Thi My Duyen, Tran Thi Tuyet Hoa</b></p>
P2	<p>ANALYSIS OF DIFFERENTIAL GENE EXPRESSION IN LPS-STIMULATED RAW264.7 MOUSE MACROPHAGES MODULATED BY GROUPER (<i>Epinephelus coioides</i>) EPINECIDIN-1</p> <p><b>Chieh-Yu Pan, Jyh-Yih Chen</b></p>
P4	<p>ANTI-INFLAMMATORY EFFECTS OF PURIFIED HYDROLYZED PEPTIDES FROM LATES CALCARIFER BY-PRODUCTS IN LIPOPOLYSACCHARIDE-INDUCED RAW 264.7 MACROPHAGE CELLS</p> <p><b>Ya-Li Shiu, Liang Hua Yi, Chun-Hung Liu</b></p>

P5	<p>AMELIORATION OF SALINITY STRESS-INDUCED IMPAIRMENT IN DISEASE RESISTANCE OF <i>Penaeus vannamei</i> VIA DIETARY GLUCOSE-MEDIATED ENERGY HOMEOSTASIS THROUGH THE AMPK PATHWAY</p> <p><b><i>Hsueh-Li Lin, Sz-Tsan Wang, Chun-Hung Liu</i></b></p>
P20	<p>EFFECTS OF LACTOBACILLUS PLANTARUM CMT1 AND NONI FRUIT EXTRACT ON GROWTH PERFORMANCE AND DISEASE RESISTANCE OF THE WHITELEG SHRIMP</p> <p><b><i>Phan Thi Cam Tu, Huynh Truong Giang, Nguyen Thi Kim Lien, Truong Quoc Phu, Pham Thi Tuyet Ngan, Tran Thi Thanh Hien</i></b></p>
P26	<p>NOVEL RESEARCH ON JAUNDICE/YELLOW FILLET SYNDROME IN FARMED CAFISH (<i>Pangasianodon hypophthalmus</i>, Sauvage) IN THE MEKONG DELTA, VIETNAM</p> <p><b><i>Tu Thanh Dung, Nguyen Bao Trung, Le Minh Khoi</i></b></p>
P29	<p>PLANT EXTRACTS: A PROMISING ALTERNATIVE FOR SUSTAINABLE VIETNAMESE AQUACULTURE</p> <p><b><i>Do Thi Thanh Huong, Bui Thi Bich Hang, Pham Ngoc Nhu, Nguyen Thi Kim Ha, Nguyen Thanh Phuong</i></b></p>
P8	<p>SUPPLEMENTATION OF EXOPOLYSACCHARIDE from <i>Bacillus</i> sp. NPUST-1 IMPROVE INNATE IMMUNITY AGAINST PATHOGEN INFECTION AND MODULATE GUT MICROBIOTA IN NILE TILAPIA</p> <p><b><i>Wen-Ling Ko, Shao-Yang Hu</i></b></p>
<b><i>Seafood processing and safety</i></b>	
P17	<p>EVALUATING THE QUALITY OF WHITE-LEG SHRIMP (<i>Litopenaeus vannamei</i> Boone, 1931) IN CULTURE TANKS ADDED WITH HARMFUL BLUE-ALGAE</p> <p><b><i>Au Van Hoa, Do Pham Tuyet Trang, Huynh Thi Ngoc Hien, Huynh Truong Giang, and Nguyen Thi Kim Lien</i></b></p>
P19	<p>EVALUATING THE QUALITY OF STRIPPED CATFISH (<i>Pangasianodon hypophthalmus</i>) IN CULTURE TANKS SUPPLEMENTED WITH HARMFUL BLUE ALGAE</p>

	<b>Nguyen Thi Kim Lien</b> , <i>Nguyen Ngoc Phuong, Nguyen Bui Tan Tai, Au Van Hoa and Huynh Thi Ngoc Hien</i>
P30	SURVEY ON THE QUALITY CHANGES DURING THE COLD STORAGE OF DRIED SNAKEHEAD FISH ( <i>Channa striata</i> ) PRODUCT WHEN DIPPED IN PROTEIN HYDROLYSATE FROM SNAKEHEAD FISH SKIN  <b>Trinh Thi Ngoc Huyen</b> , <i>Le Thi Minh Thuy</i>
	<b>Broodstock and larvi-culture</b>
P3	ASSESSMENT OF REPLACEMENT ABILITY OF WILD COPEPOD BY OTHER LIVE FOODS ON GROWTH PERFORMANCE OF JUVENILE YELLOW SEAHORSES ( <i>Hippocampus kuda</i> Bleeker, 1852) IN VIETNAM  <b>Pham Minh Tu</b> , <i>Annelies Declercg, Peter Bossier, Long Tuan Ho, Hong Mong Huyen, Vu Ngoc Ut, Peter Goethals</i>
P16	SURVEY ON CURRENT STATUS OF SEED PRODUCTION MODEL AND COMMERCIAL FARMING OF SWAMP EELS ( <i>Monopterus albus</i> Zuiew, 1793) IN SOC TRANG PROVINCE  <b>Nguyen Van Trieu</b> , <i>Vo Hoang Liem Duc Tam, Duong Nhut Long</i>
P24	DETERMINING THE SUITABLE SALINITY FOR THE DEVELOPMENT OF THE POLYCHAINE LARVA <i>Dendronereis chipolini</i>  <b>Tran Thi Yen</b> , <i>Vu Ngoc Ut</i>
P25	EXPERIMENTAL OF NURSING LONG BAREL - CATFISH ( <i>Pangasius macronema</i> ) FROM FRY TO FINGERLING  <b>Tran Ngoc Hoai Nhan</b> , <i>Tran Dong Phuong An, Pham Thanh Liem, Bui Minh Tam, Nguyen Van Trieu</i>
P37	STUDY ON SEED PRODUCTION AND GROW-OUT CULTURE OF DOG CONCH ( <i>Strombus canarium</i> )  <b>Vu Trong Dai</b> , <i>Nguyen Thi Thuy and Pham Thi Khanh</i>

**19 October 2024**  
**8:00 to 12:00: Field trip**

The field trip is organized to visit specialties of Phu Quoc including pearl exhibition, SIM wine production, pepper garden and fish sauce production,...

## List of participants

Prof.	Amaya Albalat	University of Stirling, UK	
Ms.	Amornrat Rangsiwiwat	Rajamangala University of Technology Isan, Thailand	
Prof.	Anders Dalsgaards	University of Copenhagen, Denmark	
Ms.	Aitinolin Lyngdoh Mawlong	Government of Meghalaya, Department of Fisheries, India	
Dr.	Arissara Sopawong	Ubon Ratchathani University, Thailand	
Prof.	Atsushi Ishimatsu	Can Tho University, Vietnam	
Mr.	Au Van Hoa	Can Tho University, Vietnam	PhD student
Mr.	Balkam Rongmuthu Sangma	Government of Meghalaya, Department of Fisheries, India	
Prof.	Béla Urbányi	Hungarian University of Agriculture and Life Sciences, Hungary	
Dr.	Boripat Lebel	Unit for Social and Environmental Research (USER)	
Mr.	Bui Minh Quang	UV Vietnam	
A/Prof.	Bui Minh Tam	Can Tho University, Vietnam	
Dr.	Bui Ngoc Thanh	USSEC, Vietnam	
A/Prof.	Bui Thi Bich Hang	Can Tho University, Vietnam	
Ms.	Bui Thi Ngoc Phy	Lai Thieu Feedmill	
Ms.	Can Vu Mai Anh	Perstorp	



Ms.	Cao Hoang Thuy An	Can Tho University, Vietnam	Student
Mr.	Cao Van Hanh	Research Institute for Aquaculture No1, Vietnam	
Dr.	Caroline Douny	Liège University, Belgium	
Prof.	Chieh -Yu Pan	National Kaohsiung University of Science and Technology, Taiwan	
Mr.	Chu Yao Yu	Emivest Feedmill (TG) Viet Nam Limited Liability Company - Dong Thap Branch	
Prof.	Chun-Hung Liu	National Pingtung University of Science and Technology, Taiwan	
Mr.	Dang Thanh Thang	Can Tho University, Vietnam	MSc student
Prof.	Dang Thi Hoang Oanh	Can Tho University, Vietnam	
A/Prof.	Dang Thi Lua	Research Institute for Aquaculture No.1, Vietnam	
Mr.	Daniella Joseph G. Sisican	Can Tho University, Vietnam	MSc student
Dr.	Dao Minh Hai	Can Tho University, Vietnam	
Prof.	De-Sing, Ding	National Kaohsiung University of Science and Technology, Taiwan	
Mr.	Dinh Chi Hieu	Nutrispices	
Mr.	Do Quoc Toan	Dong A Joint Stock Company	
Dr.	Do Doan Dung	IUH, Vietnam	

Prof.	Do Thi Thanh Huong	Can Tho University, Vietnam	
A/Prof.	Duong Nhut Long	Can Tho University, Vietnam	
A/Prof.	Duong Thuy Yen	Can Tho University, Vietnam	
Mr.	Ebenezer R Laloo	Government of Meghalaya, Department of Fisheries, Indian	
Prof.	Eduardo M. Leano	Network of Aquaculture Centres in Asia-Pacific	
Mr.	Fujumoto Tetsuya	Cellulosic Biomass Technology Co., Ltd	
Mr.	George Lamphrang Marboh Kharmih	Government of Meghalaya, Department of Fisheries, India	
Mr.	Giles D Shira	Government of Meghalaya, Department of Fisheries, India	
Mr.	Ho Minh Phong	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	
Ms.	Ho Thi Thuy Linh	Nutrispices	
Mr.	Hoang Duy Vo	Jefo Nutrition	
Dr.	Hsueh-Li Lin	National Pingtung University of Science and Technology, Taiwan	
A/Prof.	Hua Thai Nhan	Can Tho University, Vietnam	
Ms.	Huynh Nguyen Nguyen Ha	Can Tho University, Vietnam	Student
Ms.	Huynh Thi Thien Huong	Can Tho University, Vietnam	Student

Mr.	Huynh Tran Minh Long	Dong A Joint Stock Company	
Dr.	Huynh Van Hien	Can Tho University, Vietnam	
Dr.	Imai Junichi	JICA Vietnam	
Mr.	Jake Buenavista Deala	Can Tho University, Vietnam	MSc student
Mr.	Jaynos R. Cortes	Asian Institute of Technology, Thailand	
Prof.	John Bostock	University of Stirling, UK	
Prof.	Joon Chuah	Singapore University of Social Sciences, Singapore	
Ms.	Julie Mkamburi Koleta	Can Tho University, Vietnam	MSc student
Dr.	Kabir Kazi Ahmed	CIRAD, Montpellier University, Wageningen University	
Prof.	Karim Mohammed Elsayed Aly Elmaghraby	Siena University	
Dr.	Khalfan M. Alrashdi	Ministry of Agriculture, Oman.	
Dr.	Khuong Van Thuong	Grobest Vietnam	
A/Prof.	Lam My Lan	Can Tho University, Vietnam	
Dr.	Le Anh Tuan	Nha Trang University, Vietnam	
Mr.	Le Duc Hau	Spring Biotech Joint Stock Company, Vietnam	
Dr.	Le Hong Phuoc	Research Institute for Aquaculture No.2, Vietnam	
Mr.	Le Nhut Truong	Loc Kim Chi Seafoodb Joint Stock	

Dr.	Le Quang Huy	Minh Phu Seafood Corporation, Vietnam	
A/Prof.	Le Quoc Viet	Can Tho University, Vietnam	
Mr.	Le Thanh Cuong	Nha Trang University, Vietnam	
Prof.	Le Thanh Hai	Dong Thap Community College, Vietnam	
Ms.	Le Thi Suong	Jefo Nutrition	
Dr.	Le Thi Van Hue	Vietnam National University, Vietnam	
Mr.	Le Trung Dinh	Can Tho University, Vietnam	PhD student
Dr.	Le Van Khoa	Grobest Vietnam	
Dr.	Le Van Khoi	Research Institute for Aquaculture No.1, Vietnam	
Dr.	Le Van Lam	Can Tho University, Vietnam	
Mr.	Le Van Thong	Can Tho University, Vietnam	PhD student
Dr.	Le Van Truc	Research Sub-Institute For Nam Song Hau Fisheries, VIETNAM	
Ms.	Leartkiatratchata Metakarn	Cellulosic Biomass Technology Co., Ltd	
Ms.	Li Ji	Sheng Long Bio-Tech Internatinal	
Prof.	Lilian Wong	Universiti Malaysia Terengganu, Malaysia	
A/Prof.	Ly Van Khanh	Can Tho University, Vietnam	
Dr.	Mai Van Tai	Research Institute for Aquaculture No.1, Vietnam	

Prof.	Marc Verdegem	Wageningen University and Research	
Ms.	Mareeya Chanurair	Jefo Nutrition	
Prof.	Margaret Crumlish	University of Stirling, UK	
Ms.	Marie Montjouridès	University of Bergen, Norway	PhD Student
Prof.	Marie-Louise Scippo	Liège University, Belgium	
Mr.	Michele Muccio	Nutrispices	
Mr.	Minh Tran	Jefo Nutrition	
Mr.	Morten Borge	Nutrispices	
Mr.	Ngo Tien Chuong	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	
Dr.	Nguyen Dinh Hai Yen	CIRAD, Montpellier University	
Mr.	Nguyen Dinh Huy	Nha Trang University, Vietnam	PhD student
Mr.	Nguyen Dong Ha	Dong A Joint Stock Company	
Mr.	Nguyen Duc Minh	Nong Lam University, Vietnam	
Mr.	Nguyen Gia Quan	Can Tho University, Vietnam	Student
Ms.	Nguyen Hong Loan	Pharmaq Vietnam	
Ms.	Nguyen Hong Ngoc	Cellulosic Biomass Technology Co., Ltd	
Ms.	Nguyen Hong Ngoc	Can Tho University, Vietnam	Student
Mr.	Nguyen Hong Quyet Thang	Can Tho University, Vietnam	PhD student
Mr.	Nguyen Minh Thuat	Kytos Vietnam	

Mr.	Nguyen Minh Tri	UV Vietnam	
Ms.	Nguyen Ngoc Anh Chau	Growmax Aquafeed Company Limited	
Mr.	Nguyen Ngoc Binh	Jefo Nutrition	
Dr.	Nguyen Ngoc Du	Research Institute for Aquaculture No.2, Vietnam	
A/Prof.	Nguyen Ngoc Phuoc	Hue University, Vietnam	
Mr.	Nguyen Nhat Hao	Can Tho University, Vietnam	Student
Mr.	Nguyen Nhat Tuan	Minh Phu Seafood Corporation, Vietnam	
Dr.	Nguyen Nhut	Research Institute for Aquaculture No.2, Vietnam	
Mr.	Nguyen Phuong Lam	Nguyen Phic Company, Ca Mau, Vietnam	
Ms.	Nguyen Phuong Uyen	Greenfeed Vietnam Corporation	
Dr.	Nguyen Quang Trung	Can Tho Technical Economic College, Vietnam	
Mr.	Nguyen Quoc Linh	UV Vietnam	
Dr.	Nguyen Quoc Thinh	Can Tho University, Vietnam	
Mr.	Nguyen Thanh Hieu	Can Tho University, Vietnam	PhD student
A/Prof.	Nguyen Thanh Long	Can Tho University, Vietnam	
Dr.	Nguyen Thanh My	My Lan group, Vietnam	
Mr.	Nguyen Thanh Nghe	Can Tho University, Vietnam	Student

Prof.	Nguyen Thanh Phuong	Can Tho University, Vietnam	
Ms.	Nguyen Thi Cam Tien	Can Tho University, Vietnam	Student
Ms.	Nguyen Thi Cam Tu	Can Tho University, Vietnam	Student
Ms.	Nguyen Thi Hong Tham	Co May Sadec	
Dr.	Nguyen Thi Kim Ha	Can Tho University, Vietnam	
Ms.	Nguyen Thi Kim Huong	Dong Thap Community College, Vietnam	
Ms.	Nguyen Thi My A	Can Tho University, Vietnam	MSc student
A/Prof.	Nguyen Thi Ngoc Anh	Can Tho University, Vietnam	
Ms.	Nguyen Thi Nhu Y	Can Tho University, Vietnam	Student
Ms.	Nguyen Thi Phuong Hoa	Cellulosic Biomass Technology Co., Ltd	
Ms.	Nguyen Thi Thanh Ngan	Can Tho University, Vietnam	Student
Dr.	Nguyen Thi Thuy	Nha Trang University, Vietnam	
Ms.	Nguyen Thi Thuy Linh	Can Tho University, Vietnam	Student
Ms.	Nguyen Thi Thuy Uyen	Emivest Feedmill (TG) Viet Nam Limited Liability Company - Dong Thap Branch	
Ms.	Nguyen Thi Tuyet Van	Can Tho University, Vietnam	Student
Mr.	Nguyen Trong Sang	Miavit Vietnam	
Mr.	Nguyen Trung Anh	Spring Biotech Joint Stock Company, Vietnam	

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Mr.	Nguyen Van Khuyen	Can Tho University, Vietnam	
Dr.	Nguyen Van Nguyen	Research Institute for Aquaculture No.2, Vietnam	
Mr.	Nguyen Van Phung	Can Tho University, Vietnam	Student
Dr.	Nguyen Van Trieu	Can Tho University, Vietnam	
Mr.	Nguyen Xuan Vinh	Vinh Hoan Corporation	
Ms.	Oldalin Khongngain	Government of Meghalaya, Department of Fisheries, India	
Mr.	Oman Leyoo Passah	Government of Meghalaya, Department of Fisheries, India	
Prof.	Patrick Sorgeloos	Ghent University, Belgium	
Dr.	Pau Badia Grimalt	FAI Farms	
Mr.	Paulbert Stone Tariang	Government of Meghalaya, Department of Fisheries, India	
Mr.	Pioneer R Lyngdoh	Government of Meghalaya, Department of Fisheries, India	
Dr.	Pham Duc Hung	Nha Trang University, Vietnam	
Ms.	Pham Le Bao Thuong	JICA Vietnam	
A/Prof.	Pham Minh Duc	Can Tho University, Vietnam	
Mr.	Pham Minh Tu	Ghent University, Belgium	PhD student



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Mr.	Pham Quang Vinh	Can Tho University, Vietnam	PhD student
Dr.	Pham Thai Giang	Research Institute for Aquaculture No 1, Vietnam	
A/Prof.	Pham Thanh Liem	Can Tho University, Vietnam	
Dr.	Pham Thi Anh	Nha Trang University, Vietnam	
Dr.	Pham Thi Mai	Nha Trang University, Vietnam	
Ms.	Pham Thi Phuong Tien	OlamAgri	
Ms.	Pham Tuyet Van	Lai Thieu Feedmill	
Mr.	Phan Thanh Loc	Vietnam Food JSC. (VNF)	
Dr.	Phan Thi Cam Tu	Can Tho University, Vietnam	
Mr.	Phan Thi My Anh	Can Tho University, Vietnam	Student
Mr.	Phan Trong Binh	Research Institute for Aquaculture No.1, Vietnam	
Mr.	Phan Trung Hai	UV Vietnam	
Mr.	Phan Truong Chinh	Can Tho University, Vietnam	Student
Mr.	Pynskhemtriang Lamin Dumai Hia	Government of Meghalaya, Department of Fisheries, India	
Mr.	Robert Hunter	J. Hunter Pearls Fiji, Fiji	Student

Prof.	Romi Novriadi	Jakarta Technical University of Fisheries, Indonesia	
Dr.	Salin Krishna	Asian Institute of Technology, Thailand	
Prof.	Shao-Yang Hu	National Pingtung University of Science and Technology, Taiwan	
Dr.	Simão Zacarias	University of Stirling, UK	
Prof.	Sonia Rey Planellas	University of Stirling, UK	
Prof.	Sunil Kadri	Charles Darwin University, Australia	
Prof.	Surintorn Boonanuntanasarn	Suranaree University of Technology, Thailand	
A/Prof.	Suriyan Tunkijjanukij	Kasetsart University, Thailand	
Prof.	Susana Endah Ratnawati	Gadjah Mada University, Indonesia	
Dr.	Tanaka Yuji	JICA Vietnam	
Mr	Tiet Tien Dung	Agricultural Extension Service, Camau, Vietnam	
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Dr.	Tran Huu Tinh	CIRAD, Montpellier University	
Dr.	Tran Le Cam Tu	Can Tho University, Vietnam	
A/Prof.	Tran Minh Phu	Can Tho University, Vietnam	
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Dr.	Tran Ngoc Thien Kim	Grobest Vietnam	
Dr.	Tran Nguyen Duy Khoa	Can Tho University, Vietnam	
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Dr.	Tran Thi My Duyen	Can Tho University, Vietnam	
Mr.	Tran Trung Giang	Can Tho University, Vietnam	
A/Prof.	Tran Trung Tinh	Can Tho University, Vietnam	
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Mr.	Trinh Trung Phi	Viet-Uc Seafood Corporation, Vietnam	
Ms.	Trinh Thi Ngoc Huyen	Can Tho University, Vietnam	Student
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Dr.	Truong Minh Thai	Can Tho University, Vietnam	
Prof.	Truong Quoc Phu	Can Tho University, Vietnam	

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Mr.	Vi Tran Ba	Nutrispices	
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Prof.	Wei-Ting, Sun	National Kaohsiung University of Science and Technology, Taiwan	
A/Prof.	William Daniels	Auburn University, USA	

Prof.	Yung-Sheng Chiu	National Sun Yat-sen University, Taiwan	
Prof.	Yutaka Haga	TUMSAT, JAPAN	

## Phu Quoc Island

Phu Quoc Island is one of the most attractive islands of Vietnam. It owns endless unspoiled beaches for water activities, romantic sunsets for Instagram feed, uninhabited remoted islands for exploration, and dense tropical forests for adventures. Beyond the snow-white beaches with ice cream-soft sand, Phu Quoc offers a wide range of luxury resorts, chic restaurants, and comforting spa treatments. Traditional villages, sacred temples and pagodas, and spacious green parks can also please even a perfectly picky traveler.

### Sightseeing

**Bãi Sao** is one of the most stunning beaches in Phu Quoc, located in An Thoi town, approximately 28 km from Duong Dong town or around 10 km from the Conference Venue. This picturesque beach features crystal-clear blue waters and stretches over 7 km of fine white sand. Visitors can enjoy leisurely walks along the shoreline, listen to the soothing sounds of the waves at dawn, or take a refreshing swim in the sea while capturing beautiful photos. The calm waters and gentle waves also make Bai Sao an ideal spot for various water sports, especially kayaking. It's the perfect destination for both relaxation and adventure!

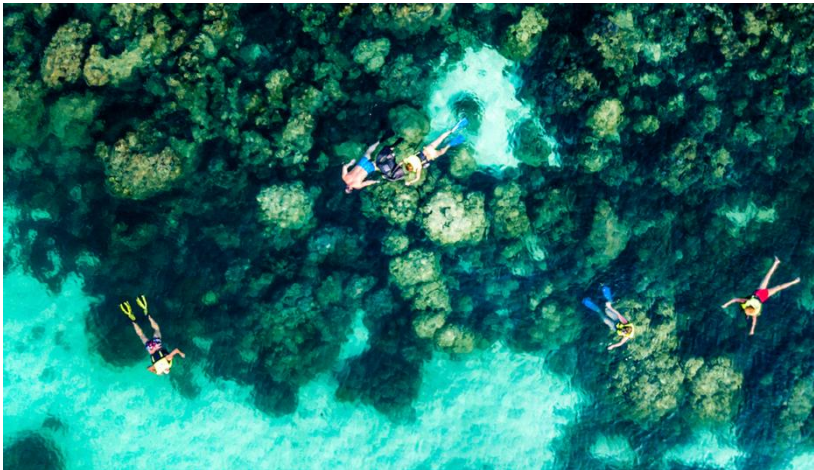


**Hòn Thơm** is one of the most popular tourist islands in Phu Quoc, offering beautiful beaches and a range of exciting activities such as coral diving, fishing, squid fishing, kayaking, and jet skiing. A highlight of the island is Aquatopia Water Park, which features 20 thrilling attractions for visitors to enjoy.



To reach Hòn Thơm, visitors start at the cable car station, designed in an ancient Roman style, making it a favorite photo spot for many. From there, you'll take the world's longest three-wire cable car, stretching 7,899 meters. The ride

offers breathtaking views of the clear blue sea and tranquil islands dotted with boats. Visitors can purchase tickets in advance or buy them at the entrance to the cable car station. The combined ticket for the cable car, water park access, and lunch buffet is priced at 600,000 VND.



Additionally, you can book an island tour that includes Hòn Thơm and other nearby islands. A popular option is the 4-island tour, which visits Hòn May Rut Trong, May Rut Ngoai, Gam Ghi, and Hòn Mong Tay in the An Thoi archipelago. Tourists are picked up from their hotels and taken to An Thoi port for a canoe ride, including snorkeling to see the coral at Hòn Gam Ghi. This tour package

includes underwater filming and photography and costs around 1,000,000 VND per person.

For those who may experience seasickness or prefer fewer activities, 2 or 3-island tours are also available. Enjoy your adventure on Hòn Thơm!

**The Phu Quoc Night Market** is situated on Bach Dang Street, approximately 1 km from Dinh Cau. It operates from 5 PM to 11 PM on weekends, offering a vibrant atmosphere with numerous stalls featuring fresh seafood and local specialties like fish sauce, sim candy, pepper, and handicrafts.

In addition to sightseeing and shopping, be sure to indulge in the fresh seafood dishes prepared right at the market. Don't miss out on other popular treats, including rolled ice cream, egg cakes, and palm cakes. The night market is a great place to experience the local culture and flavors of Phu Quoc!



## Specialties

Here are some famous Phu Quoc specialties that make great gifts:

### 1. Pearls

Phu Quoc pearls are known for their quality and beauty, with prices varying based on color, size, and quality. Reputable places to shop include Ngoc Hien and Quoc An pearl farms.

### 2. Fish Sauce

Renowned for its rich and pure flavor, Phu Quoc fish sauce is a must-try. Recommended production facilities include Phung Hung, Khai Hoan, Thanh Phat, and Hung Thinh.



### 3. Pepper

Phu Quoc pepper is celebrated for its spicy aroma and firm texture. You can purchase high-quality peppercorns at Khu Tuong and Suoi Da pepper gardens.



### 4. Sim Wine

This traditional wine, made from sim fruit and sugar, is known for its digestive benefits and pain relief properties. Popular places to buy sim wine include Sim Son and Bay Giao.

### 5. Seafood

Popular seafood gifts include sea cucumbers, squid, and dried fish. The Duong Dong night market offers a variety of options, with prices varying by season and size.

These specialties reflect the unique flavors and culture of Phu Quoc, making them perfect gifts to bring home!

**Enjoy Phu Quoc!**