

**MFST 2025 PROGRAM**  
**NHA TRANG UNIVERSITY, 27-28 MARCH, 2025**

**MORNING, 27 March, 2025**

8h00 - 8h30	<b>Registration</b>
8h30 - 9h00	<b>Opening session</b> <ul style="list-style-type: none"> <li>- Opening speech by Nha Trang University (Prof. Pham Quoc Hung – Vice Rector)</li> <li>- Welcome speech by National Taiwan Ocean University (Prof. Cheng Yu Ku – Vice President)</li> <li>- Congratulatory speech by Taipei Economic and Cultural Office in Ho Chi Minh City (Mr. Hank Han – Director General)</li> <li>- Sponsor appreciation</li> <li>- Speech of the sponsor's representative (Mr. Chen Ming Hsien - Deputy General Director of Thang Long Biotechnology Co., Ltd)</li> <li>- Symposium information from the PC Chairs</li> <li>- Group photos</li> </ul> <i>Room: Hall 1</i>
9h00 - 9h30	<b>Keynote 1: STAKEHOLDER PERSPECTIVES ON CLIMATE CHANGE IMPACTS: A COMPARATIVE STUDY OF SMALL-SCALE FISHERIES IN INDIA, PAPUA NEW GUINEA, AND TAIWAN</b> by Prof. Ming-An Lee, Vice President, National Taiwan Ocean University, Taiwan <i>Chair: Prof. Trang Si Trung</i> <i>Room: Hall 1</i>
9h30 - 10h00	<b>Keynote 2: INTEGRATIVE APPROACHES TO MONITOR BIODIVERSITY CHANGES FOR THE CONSERVATION OF URBANIZED AREAS ALONG THE SOUTH-CENTRAL COAST OF VIETNAM</b> by Prof. Marco Abbiati, Science and Technology Counsellor, Embassy of Italy in Hanoi <i>Chair: Prof. Cheng-Yu Ku</i> <i>Room: Hall 1</i>
10h00 - 10h30	<b>Coffee break, Poster session and Product exhibition</b>
10h30 - 11h00	<b>Keynote 3: SUSTAINABLE GROUNDWATER MANAGEMENT AND MITIGATION OF LAND SUBSIDENCE IN TAIWAN</b> by Prof. Cheng-Yu Ku, Vice President, National Taiwan Ocean University <i>Chair: Prof. Marco Abbiati</i> <i>Room: Hall 1</i>

11h00 - 11h30	<b>Keynote 4: VALORIZATION OF SHRIMP BY-PRODUCTS FROM THE SEAFOOD PROCESSING SECTOR IN VIETNAM: OPPORTUNITIES AND CHALLENGES</b> by Prof. Trang Si Trung, Deputy Chairman of the University Council, Nha Trang University <i>Chair: Prof. Ming-An Lee</i> <i>Room: Hall 1</i>
12h00 - 13h30	<b>Lunch</b>

### AFTERNOON, 27 March, 2025

SESSION /TIME	<b>Session 1-1: Aquaculture Technology</b> <i>Chairs: Prof. Vu Ngoc Ut (CTU), Prof. Nguyen Phu Hoa (NLU)</i> <i>Secretary: MSc. Mai Nhu Thuy</i> <b>Room: Hall 1</b>	<b>Session 1-2: Aquaculture Technology</b> <i>Chairs: Prof. Nguyen Thanh Phuong (CTU), Prof. Yu-Wei Chang (NTOU)</i> <i>Secretary: MSc. Pham Thi Anh</i> <b>Room: P01 (G4 building)</b>	<b>Session 2: Marine Environment and Climate change adaptation</b> <i>Chairs: Prof. Tien-Hsi Fang (NTOU), Prof. Dang Thuy Binh (NTU)</i> <i>Secretary: Dr. Nguyen Thi Hai Thanh</i> <b>Room: P02 (G4 building)</b>	<b>Session 3: Sustainable fishing and conservation of marine resources</b> <i>Chairs: Prof. Ming-An Lee (NTOU), Prof. Le Kim Long (NTU)</i> <i>Secretary: MSc. Tran Nhat Tan</i> <b>Room: P03 (G4 building)</b>	<b>Session 4: Seafood Processing and Post-harvest</b> <i>Chairs: Prof. Pang-Hung Hsu (NTOU), Prof. Huynh Nguyen Duy Bao (NTU)</i> <i>Secretary: Dr. Bui Tran Nu Thanh Viet</i> <b>Room: P04 (G4 building)</b>	<b>Session 5: Marine Infrastructure, Transportation, and Smart Aquaculture</b> <i>Chairs: Prof. Shyi-Chyi Cheng (NTOU), Dr. Huynh Van Vu (NTU)</i> <i>Secretary: Dr. Mai Nguyen Tran Thanh</i> <b>Room: P05 (G4 building)</b>	<b>Session 6: Green marine economy and tourism</b> <i>Chairs: Dr. Vuong Vinh Hiep (LONG SINH CO., LTD), Prof. Le Chi Cong (NTU)</i> <i>Secretary: MSc. Luong Ngoc Ha Trang</i> <b>Room: 104 (G5 building)</b>
13h30 – 13h50	POTENTIAL CONTRIBUTION OF SEAWEED FARMING TO ACHIEVING CARBON NEUTRALITY IN VIETNAM  Authors: <b>Le Anh Tuan</b>	APPLICATION OF ADVANCED GENOMICS TOOLS IN AQUACULTURE  Author: <b>Minh Nguyen Hoang</b>	BUILDING RESILIENT COMMUNITIES: A PARTICIPATORY APPROACH TO FLOOD DISASTER PREPAREDNESS IN THAILAND  Authors: <b>Maitree Thronsao</b> , Kiattisak Chaiyaprom, Chollada	ANALYZING FISHING CAPACITY OF THE KHANH HOA'S OFF-SHORE HANDLINE FISHING VESSELS IN THE EAST SEA, VIET NAM	FUCOIDAN AMELIORATES RADIATION-INDUCED SKIN FIBROSIS: A COMPREHENSIVE PROTEOMIC INSIGHTS INTO MOLECULAR RECOVERY MECHANISMS	VISION SYSTEM FOR STRUCTURAL MODAL ANALYSIS USING CONSUMER CAMERA  Authors: <b>Truong Thanh Chung</b> , Bui Huu Nhan, Trinh Minh Quan,	OFFSHORE WIND POWER IN TAIWAN: UNIQUE OR UNIVERSAL IMPACTS AND CHALLENGES?  Authors: <b>Po-Hsing Tseng</b> , Nick Pilcher

			Thronsao,Chattarin Sripol, Souksathaphone Chanthamath, Ranee Wongkongdech	Authors: <b>Le Kim Long</b> , Binh, T. T. Pham	Author: <b>Pang-Hung Hsu</b>	Pham Hoang Nhat Minh, Nguyen Truong Xuan, Le Huu Chien	
13h50 – 14h10	<p>STUDY ON IMPROVING AQUATIC PLANT GROWTH EFFICIENCY USING SPECIFIC LED SPECTRUMS COMBINED WITH MICROSTRUCTURE ARRAY LENSES</p> <p>Author: <b>Nguyen Xuan Huy</b></p>	<p>ABILITY TO CONVERT NUTRIENTS FROM THE WASTEWATER OF SHRIMP FARMING INTO ARTERMIA BIOMASS: EFFECTS OF DENSITY AND MICROALGAE ON ARRTEMIA BIOMASS</p> <p>Authors: <b>Huy D. Nguyen</b>, Dung V. Tran, Giang TT Nguyen, Hong TB. Truong, Sy T. Nguyen, Thong V. Le</p>	<p>IMPACT OF CLIMATE CHANGE ON THE BLUE SHARK CAUGHT BY THE TAIWANESE LARGE-SCALE LONGLINE FISHERY THE NORTH PACIFIC</p> <p>Authors: <b>Kwang-Ming Liu</b>, Kuan-Yu Su</p>	<p>VIETNAM'S CAPTURE FISHERIES LABOR SHORTAGE EXPLORED: DIFFICULTIES AND RESPONSES</p> <p>Authors: <b>To Van Phuong</b>, Robert S. Pomeroy</p>	<p>EFFECTS OF DRYING METHODS ON BIOACTIVE COMPOUNDS, ANTIOXIDANT CAPACITY, AND NATURAL FOOD COLORING IN PITAYA (HYLOCEREUS POLYRHIZUS) PEELS</p> <p>Authors: Chih-Yu Chan, <b>Shao-Fu Tsou</b>, Anastacio Iii Cagabhion, Yu-Wei Chang</p>	<p>ONTOLOGY-BASED DECISION SUPPORT SYSTEM FOR ENHANCING AQUACULTURE MANAGEMENT</p> <p>Authors: <b>Pham Thi Thu Thuy</b>, Kim Hwa Soo</p>	<p>FACTORS INFLUENCING ACCOMMODATION SELECTION OF GENERATION Z DOMESTIC TOURISTS TRAVELING TO NHA TRANG: INSIGHTS FOR SUSTAINABLE MARINE TOURISM DEVELOPMENT</p> <p>Author: <b>Quang N. Thanh</b></p>
14h10 – 14h30	ISOLATION AND IDENTIFICATION OF AMMONIA-OXIDIZING BACTERIA FROM BOTTOM SLUDGE FROM LOBSTER FARMING AREA, XUAN DAI BAY, PHU YEN PROVINCE	EFFECT OF DENSITY AND PELLET FOOD ON GROWTH, SURVIVAL RATE, SHOCK RESISTANCE ON GIANT TREVALLY Caranx ignobilis, Forsska l 1775	AQUACULTURE WASTEWATER TREATMENT TECHNOLOGIES: AN APPROACH TO CLIMATE CHANGE ADAPTATION	SIMULTANEOUS AND SEQUENTIAL RECOVERY OF HYDROXYAPATI TE, CHITOSAN AND PROTEIN HYDROLYSATE FROM BLUE CRAB SHELLS	DOSE-DEPENDENT EFFICACY OF ERGOTHIONEINE -LOADED CHITOSAN NANOPARTICLES ON LIPID OXIDATION AND DISCOLORATION OF YELLOWFIN	DATA-DRIVEN COLD DAMAGE PREDICTION FOR FISH MORTALITY PREVENTION USING WEATHER OBSERVATION OPEN DATA	<p>THE ROLE OF THE CHAM COMMUNITY IN DEVELOPING GREEN TOURISM IN NINH THUAN</p> <p>Authors: <b>Khang Nguyen Hoang Thai</b>, Ngan Ha Thi Thu, Nga Dinh Thi</p>

	Authors: Truong Phuoc Thien Hoang, Vo Tran Quoc Thang, Pham Cong Hoat, <b>Nguyen Phu Hoa</b>	Authors: <b>Anh T. Pham</b> , Manh V. Ngo, Hung D. Pham, Thanh T. Hoang, Linh P. Pham	Authors: <b>Phuong Linh Ngo</b> , Thanh Son Nguyen	(PORTUNUS PELAGICUS)  Authors: <b>Quyen T.H. Tran</b> , Tang V. Nguyen, Thuong T.N. Nguyen, Hau T. Nguyen, Thanh T. Dang, Thinh V. Phan	TUNA MUSCLE DURING REFRIGERATED STORAGE  Authors: <b>Huynh Nguyen Duy Bao</b> , Nguyen Trong Bach, Nguyen Hong Ngan, Do Trong Son, Pham Thi Hien, Ngo Thi Hoai Duong, Trang Si Trung	Authors: Hsun-Yu Lan, <b>Guan-Ting Lin</b> , Shyi-Chyi Cheng, Cheng-Ting Huang	
14h30 – 14h50	INVESTIGATING ULVA LACTUCA HYDROLYSATE AND SACCHAROMYCES CEREVISIAE AS SUSTAINABLE SOLUTIONS IN PACIFIC OYSTER DEPURATION  Authors: <b>Hai T.M. Pham</b> , Hai T.T. Nguyen, Uyen N. Le	MULTI-STRAIN PROBIOTICS FROM HEALTHY FISH INTESTINE ENHANCE THE GROWTH AND IMMUNITY OF WHITE SHRIMPS (LITOPENAEUS VANNAMEI) TO RESIST THE INFECTION OF VIBRIO PARAHAEMOLYTICUS  Authors: <b>Germain Maurus</b> , Joan Tang Xiao Joe, Shih-Chao Lin, Ming-Wei Lu	RIVERBANK EROSION UNDER THE IMPACT OF CLIMATE CHANGE IN THE MEKONG DELTA  Authors: <b>Yu-Jia Chiu</b> , An-Thai Nguyen, Ty-Van Tran	ESTIMATING THE STANDING BIOMASS OF DEMERSAL FISH IN NINH THUAN WATERS BY SWEEPED AREA METHOD  Author: <b>Nguyen Lam Anh</b>	QUALITY CHANGES IN POMPANO (TRACHINOTUS BLOCHII) FILLETS STORED UNDER SUPERCHILLING CONDITIONS AT $-2 \pm 0.2$ °C  Authors: <b>Huynh Thi Ai Van</b> , Mai Thi Tuyet Nga	OPTIMAL SITE SELECTION FOR CLAM MERETRIX LYRATA (SOWERBY, 1851) FARMING TO MINIMIZING ENVIRONMENTAL IMPACTS USING FUZZY OVERLAY ANALYSIS  Authors: Nguyen Phuc Thuong, Nguyen Huynh Truong Gia, Vu Van Quang, Tran Thi Kim Nhung, <b>Nguyen Phu Hoa</b>	THE RELATIONSHIP BETWEEN PERCEIVED ENVIRONMENT IMPACTS AND COMMUNITY SUPPORT FOR SUSTAINABLE TOURISM DEVELOPMENT  Author: <b>Doan Nguyen Khanh Tran</b>

14h50 – 15h10	<p>SEAWEED CULTIVATION IN ASIA-PACIFIC AREAS: AN INTEGRATED RESOLUTION FOR THE GLOBAL FOOD SHORTAGE AND CLIMATE CHANGE MITIGATION</p> <p>Authors: <b>Ngo Dang Nghia</b>, Pham Thi Minh Thu, Ngo Thi Hoai Duong</p>	<p>DETERMINATION LIPID REQUIREMENT OF SWAMP EEL (MONOPTERUS ALBUS) 20 G INITITAL WEIGHT</p> <p>Authors: <b>Lan M. Lam</b>, Hien T. T. Tran, Viet Q.C. Phan, Yutaka Haga and Tu L. C. Tran</p>	<p>NUTRIENTS POLLUTION, DISTRIBUTION AND PARTITIONING IN THE DANSHUEI RIVER ESTUARY, NORTHERN TAIWAN.</p> <p>Author: <b>Tien Hsi Fang</b></p>	<p>AUTOMATED FISH DETECTION USING ARTIFICIAL INTELLIGENCE: ADVANCEMENTS AND APPLICATIONS</p> <p>Author: <b>Nguyen Khac Cuong</b></p>	<p>EXAMINE THE QUALITY CHANGES IN PEELED WHITE-LEG SHRIMP (LITOPENAEUS VANNAMEI) COATED WITH AN EDIBLE ALGINATE/CACL<sub>2</sub> FILM UNDER REFRIGERATED STORAGE CONDITIONS (4±1°C)</p> <p>Authors: <b>Thuy T. B. Tran</b>, Phuong H. Le</p>	<p>SELECTING THE TYPE OF FISH CAGES BY COMPOSITE MATERIAL IN THE COASTAL AQUACULTURE</p> <p>Authors: <b>Van Vu Huynh</b>, Hong-Thai H. Le</p>	<p>ENERGY SAVING POLICIES IN ACCOMMODATION BUSINESSES – A CASE STUDY IN NHA TRANG CITY</p> <p>Author: <b>Nguyen Ngoc Thao</b></p>
15h10 – 15h30	Coffee break, Poster session and Product exhibition						
SESSION /TIME	<p><b>Session 1-1: Aquaculture Technology</b>  <i>Chairs: Prof. Do Thi Thanh Huong (CTU), Prof. Pham Duc Hung (NTU)</i>  <i>Secretary: MSc. Mai Nhu Thuy</i>  <b>Room: Hall 1</b></p>	<p><b>Session 1-2: Aquaculture Technology</b>  <i>Chairs: Prof. Nguyen Thanh Phuong (CTU), Prof. Yu-Wei Chang (NTOU)</i>  <i>Secretary: MSc. Pham Thi Anh</i>  <b>Room: P01 (G4 building)</b></p>	<p><b>Session 2: Marine Environment and Climate change adaptation</b>  <i>Chairs: Prof. Tien-Hsi Fang, Prof. Dang Thuy Binh (NTU)</i>  <i>Secretary: Dr. Nguyen Thi Hai Thanh</i>  <b>Room: P02 (G4 building)</b></p>	<p><b>Session 3: Sustainable fishing and conservation of marine resources</b>  <i>Chairs: Prof. Ming-An Lee (NTOU), Prof. Le Kim Long (NTU)</i>  <i>Secretary: MSc. Tran Nhat Tan</i>  <b>Room: P03 (G4 building)</b></p>	<p><b>Session 4: Seafood Processing and Post-harvest</b>  <i>Chairs: Prof. Pang-Hung Hsu (NTOU), Prof. Nguyen Van Minh (NTU)</i>  <i>Secretary: Dr. Bui Tran Nu Thanh Viet</i>  <b>Room: P04 (G4 building)</b></p>	<p><b>Session 5: Marine Infrastructure, Transportation, and Smart Aquaculture</b>  <i>Chairs: Prof. Shyi-Chyi Cheng (NTOU), Dr. Huynh Van Vu (NTU)</i>  <i>Secretary: Dr. Mai Nguyen Tran Thanh</i>  <b>Room: P05 (G4 building)</b></p>	<p><b>Session 6: Green marine economy and tourism</b>  <i>Chairs: Dr. Vuong Vinh Hiep (LONG SINH CO., LTD), Prof. Po-Hsing Tseng (NTOU)</i>  <i>Secretary: MSc. Luong Ngoc Ha Trang</i>  <b>Room: 104 (G5 building)</b></p>

15h30 – 15h50	<p>SEAWEED CULTIVATION IN ASIA-PACIFIC AREAS: AN INTEGRATED RESOLUTION FOR THE GLOBAL FOOD SHORTAGE AND CLIMATE CHANGE MITIGATION</p> <p>Authors: <b>Ngo Dang Nghia</b>, Pham Thi Minh Thu, Ngo Thi Hoai Duong</p>	<p>OPTIMIZING PHOTOPERIOD AND LIGHT INTENSITY FOR DIATOM GROWTH AND BIOCHEMICAL COMPOSITION IN VIETNAM'S SHRIMP INDUSTRY</p> <p>Authors: <b>Thao Duc Mai</b>, Kim Jee Lee-Chang, and <b>Hung Quoc Pham</b></p>	<p>GENETIC DIVERSITY OF SYMBIODINIACEAE IN CORAL REEFS ACROSS FIVE MARINE REGIONS IN CENTRAL VIETNAM</p> <p>Authors: <b>Thu Thi Anh Nguyen</b>, Cam Hong Van, Nguyen Thi Nguyet Hue, Cuong Thanh Le</p>	<p>OPTIMIZING ENVIRONMENTAL DNA (EDNA) COLLECTION AND EXTRACTION FOR METABARCODING: INSIGHTS INTO REEF FISH DIVERSITY IN NINH THUAN PROVINCE</p> <p>Authors: <b>Cam H. Van</b>, Sang Q. Tran, Oanh T. Truong, Long V. Nguyen, Binh T. Dang</p>	<p>CROCODILE BONE AS A POTENTIAL MATERIAL FOR BIOACTIVE CALCIUM PRODUCTION AND ITS APPLICATION</p> <p>Authors: <b>Duy X. Nguyen</b>, Hanh T.M. Tran, Dat V. Pham</p>	<p>ENHANCING MECHANICAL AND THERMAL PROPERTIES OF SUSTAINABLE POLYPROPYLENE COMPOSITES WITH HYBRID BIOCHAR FILLERS AND COUPLING AGENTS</p> <p>Authors: <b>Thanh Mai Nguyen Tran</b>, Song Jung-II</p>	<p>ESG IN GOVERNING FISHERIES ENTERPRISES</p> <p>Author: <b>Vuong Vinh Hiep</b></p>
15h50 – 16h10	<p>ASSESSING MECHANIZATION LEVELS IN SHRIMP AND FISH FARMING IN THE MEKONG DELTA: A SURVEY-BASED APPROACH</p> <p>Authors: <b>Gia Nguyen</b>, Long Nguyen, Luan Tran, Thuong Nguyen, Khuyen Nguyen</p>	<p>INFLUENCE OF FUCOIDAN ON ANTIBACTERIAL ACTIVITY AND NITRO BLUE TETRAZOLIUM PRODUCTION IN GOLDEN POMPANO (TRACHINOTUS OVATUS) MACROPHAGES</p> <p>Authors: <b>Thu Thi Anh Nguyen</b>, Cuong Thanh Le, Cam Hong Van, Sang Van Vu</p>	<p>HOW DOES NILE TILAPIA (OREOCHROMIS NILOTICUS) BROODSTOCK RESPOND TO A BIVALENT VACCINE?</p> <p>Authors: <b>Andrea N. Pardo</b>, Ha Thanh Dong, Krishna R. Salin, Saengchan Senapin</p>	<p>FAILURE ANALYSIS FOR DIESEL GENERATOR ON MARINE SHIP BASED CONVOLUTIONAL NEURAL NETWORK</p> <p>Authors: Thuc-Minh Bui, Ming-Yuan Cho, <b>Thanh-Phuong Nguyen</b></p>	<p>THE EFFECT OF SMOKING PARAMETERS ON THE QUALITY OF SMOKED CARANX IGNOBILIS FILLETES</p> <p>Authors: Van Lam Khai Nguyen, Duc Van Thai, <b>Huong Thi Thu Dang</b></p>	<p>RESEARCH ON FUEL INJECTION SCHEME ADJUSTMENT FOR ENGINE USING METHANE GAS WITH 40% CARBON DIOXIDE</p> <p>Authors: <b>Nguyen Thanh Tuan</b>, Tran Dang Khoi, Phan Công Hoàn</p>	<p>EVALUATING THE SUSTAINABLE DEVELOPMENT OF MARINE AND ISLAND TOURISM IN BICH DAM: A SWOT ANALYSIS AND POLICY RECOMMENDATIONS</p> <p>Author: <b>Le Chi Cong</b></p>



16h10 – 16h30	<p>THE BEST TRANSECT LINE DESIGNED TO EVALUATE WHITE SHRIMP (LITOPENAEUS VANNAMEI) STANDING STOCK AND CARBO VALUE IN A POND USING FISHERY ACOUSTICS</p> <p>Authors: <b>Jen-Ming Liu</b>, Po-Yuk So</p>		<p>ASSESSMENT OF DISSOLVED OXYGEN DEFICIENCY AND EUTROPHICATION FOR MARICULTURE SUSTANAIBLE MANAGEMENT IN XUAN DAI BAY, VIETNAM</p> <p>Authors: <b>Phan Minh Thu</b>, Nguyen Minh Hieu, Hoang Xuan Ben</p>	<p>THE GUT MICRBIOME OF THE TOMATO ANEMONEFISH AMPHIPRION FRENATUS UNDER A DEGRADED CORAL REEF HABITAT</p> <p>Authors: <b>Hai-Thanh Thi Nguyen</b>, Viet Do Dang Hung, Tran Duc Dien, Anze Abram, James Davis Reimer</p>	<p>SYNERESIS PROPERTIES OF MIXED GELS OF IOTA- AND KAPPA-CARRAGEENAN IN PRESENCE OF IONS</p> <p>Author: <b>Bui Tran Nu Thanh Viet</b></p>		
16h30 – 16h50				<p>ASSESSMENT OF CLAM CATCHING STATUS IN COASTAL AREAS OF CU LAO DUNG DISTRICT, SOC TRANG PROVINCE</p> <p>Authors: Vu Cam Luong, Nguyen Van Trai, Nguyen Phuc Thuong, <b>Nguyen Phu Hoa</b></p>	<p>INDUCTION OF THE VIABLE BUT NON-CULTURABLE STATE AND PROTEOMIC ALTERATION IN LISTERIA MONOCYTOGENES BY NON-THERMAL TREATMENT TECHNOLOGIES</p> <p>Authors: <b>Tai-Yuan Chen</b>, Chin Yin Gui, Yi-An Chen</p>		

16h50 – 17h10					<p>EFFECTS OF HARVESTING SEASON ON FATTY ACID COMPOSITION AND ANTICANCER ACTIVITY OF NEUTRAL AND POLAR LIPIDS IN PACIFIC OYSTER (CRASSOSTREA GIGAS) MUSCLE CULTURED IN NHA PHU LAGOON</p> <p>Authors: <b>Minh V. Nguyen</b>, Han T. Nguyen, Anh P. T. Tran</p>		
18h30 - 21h30	<p><b>Gala dinner and Closing remarks</b>  <b>Chairs: NTU &amp; NTOU</b></p>						
<p align="center"><b>Date: 28 March, 2025</b>  <b>City tour (For registered persons only)</b></p>							



## POSTER SESSION

No	Title	Primary Area	Author
1.	RESEARCH ON GROW – OUT CULTURE PROCESS OF DOG CONCH (STROMBUS CANARIUM) IN VIETNAM	Aquaculture Technology	<b>Vu Trong Dai</b> , Pham Thi Anh, Do Van Toan
2.	DEVELOPMENT OF SWAMP EEL (MONOPTERUS ALBUS) FARMING TECHNIQUES IN RECIRCULATING AQUACULTURE SYSTEM	Aquaculture Technology	<b>Pham Thanh Liem</b> , Dao Minh Hai , Nguyen Minh Duc and Nguyen Van Trieu
3.	DECADAL SHIFTS AND SEASONAL DYNAMICS IN SEA SURFACE TEMPERATURE: UNRAVELING THE WARMING TRENDS AND ECOLOGICAL IMPACTS IN THE KUROSHIO AND EASTERN TAIWAN WATERS (1870-2022)	Green marine economy and tourism	<b>Mubarak Mammel</b> , Ming-An Lee
4.	THE IMPACT OF THE BIODIVERSITY BEYOND NATIONAL JURISDICTION (BBNJ) AGREEMENT ON OCEAN ECONOMY	Green marine economy and tourism	<b>Nguyen Huyen Cat Anh</b>
5.	EXPLORING FACTORS INFLUENCING THE WILLINGNESS TO PAY FOR GREEN TOURISM PRODUCTS IN VIETNAM	Green marine economy and tourism	<b>Le Chi Cong</b>
6.	RESEARCH ON CREATING MICROBIAL ORGANIC FERTILIZER BY COMBINING A MICROBIAL MIXTURE WITH SEAWEED RESIDUE (SARGASSUM SP.)	Marine Environment and Climate change adaptation	<b>Phuong Chung Le</b> , Thi Tam Tran, Thi Bich Hoi Phan
7.	QUANTIFYING BIOFOULING IMPACT ON LOBSTER CAGES: A STUDY IN XUAN DAI BAY, PHU YEN PROVINCE, VIETNAM	Marine Environment and Climate change adaptation	<b>Hoa P. Nguyen</b> , Luu T. Pham, Nhung T.K. Tran, Hoa T.T. Dang
8.	TOWARDS A CIRCULAR BUSINESS MODEL - A CASE OF VIETNAM PANGASIUS INDUSTRY	Marine Environment and Climate change adaptation	<b>Tram Anh Thi Nguyen</b> , Quynh Trang Thi Nguyen
9.	VIRULENCE AND ANTIBIOTIC RESISTANCE CHARACTERISTICS OF A VIBRIO PARAHAEMOLYTICUS MUTANT STRAIN FROM FARMED WHITELEG SHRIMPS WITH ACUTE HEPATOPANCREATIC NECROSIS DISEASE	Marine Environment and Climate change adaptation	<b>Cuong T. Le</b> , Thu T.A. Nguyen, Cam H. Van, Giang, T.T., Nguyen, Nha M. Le, Thu T.M. Le
10.	VARIABILITY OF CHLOROPHYLL-A CONCENTRATION IN EAST CHINA SEA AND SOUTH CHINA SEA	Marine Environment and Climate change adaptation	<b>Chung Ru Ho</b>
11.	DATA SHARING AS DRIVER FOR CIRCULAR BUSINESS MODEL – A CASE OF VIETNAM PANGASIUS VALUE CHAIN	Marine Environment and Climate change adaptation	<b>Tram Anh Thi Nguyen</b> , Quynh Trang Thi Nguyen
12.	TENSILE BEHAVIOR OF ASYMMETRIC SPECIMENS FABRICATED FROM DISSIMILAR LAP JOINTS	Marine Infrastructure, Transportation, and Smart Aquaculture	<b>Tran Hung Tra</b>

13.	APPLICATION OF THE IPA MODEL IN ASSESSING THE QUALITY OF PUBLIC TRANSPORT SERVICES FOR INTERNATIONAL TOURISTS – A CASE STUDY IN NHA TRANG	Marine Infrastructure, Transportation, and Smart Aquaculture	<b>Duyen C.Huynh</b> , Thien K.Ta
14.	EVALUATING POLLUTION SOURCES AND POLLUTANT COMPOSITE INDICATORS OF MAJOR PORTS IN TAIWAN: A DOUBLE HDEA METHOD WITH POLLUTION SOURCE DATA AGGREGATION	Marine Infrastructure, Transportation, and Smart Aquaculture	<b>Ming-Miin Yu</b>
15.	STUDY OF FACTORS INFLUENCING AND OPTIMIZING CONDITIONS OF THE PRODUCTION OF WATER-BASED ACRYLIC PAINTS AND THEIR PROPERTIES	Marine Infrastructure, Transportation, and Smart Aquaculture	Dam Xuan Thang, Tran Dai Lam, Nguyen Thi Thu Trang, Nguyen Thi Thu Cuc, <b>Do Minh Thanh</b>
16.	GELATION OF PANGASIUS (PANGASIANODON HYPOPHthalmus) MINCED MUSCLE BY HIGH PRESSURE PROCESSING: THE EFFECTS ON SELECTED QUALITIES	Seafood Processing and Post-harvest	<b>Binh Q. Truong</b> , Hien T. Nguyen
17.	QUALITY PROPERTIES OF INSTANT DRIED TUNA UTILIZING THE FREEZE-DRYING TECHNIQUE	Seafood Processing and Post-harvest	Sa Thien Le, Hai Tuan Tran, Nhat Minh Nguyen, Hong K. T. Tran, Duyen T. T. Nguyen, <b>Van-Thi Nguyen</b>
18.	A STUDY ON PREPARING CHITOSAN NANOPARTICLES LOADED WITH STRAW MUSHROOM EXTRACT AND TESTING THEIR ANTI-MELANOSIS EFFECT ON PACIFIC WHITE SHRIMP	Seafood Processing and Post-harvest	Tran Hoai Nam, Nguyen Thanh Vang, Nguyen Huynh Anh Tuan, <b>Huynh Nguyen Duy Bao</b>
19.	SENSORY, PHYSICOCHEMICAL, AND MICROBIOLOGICAL CHANGES OF SEASONED DRIED OYSTER (CRASSOSTREA GIGAS) DURING STORAGE TIME	Seafood Processing and Post-harvest	<b>Tran T. Huynh</b> , Bui T.N.T Viet, Tran T. Giang, Ngo T.H Duong, Pham T.M Hai, Nguyen K. Sanh
20.	THE EFFECTS OF FOOD ADDITIVES ON FISH BALL FROM SALINE-TOLERANT STRIPED CATFISH (PANGASIANODON HYPOPHthalmus) MEAT.	Seafood Processing and Post-harvest	Thu K. T. Nguyen, Vy L. D. Nguyen, Ngan B. L. Nguyen, Tien M. Vo1, Giang H. T. Nguyen, <b>Quynh D. Nguyen</b>
21.	SURVEYING THE MASS COMPOSITION, ASSESSING THE QUALITY OF SALINE-TOLERANT STRIPED CATFISH (PANGASIANODON HYPOPHthalmus) AND ASSESSING THE EFFECTIVE RECOVERY OF PROTEIN AT DIFFERENT SALT CONCENTRATIONS	Seafood Processing and Post-harvest	Thoa K. T. Le, Thi B. Tran, Yen N. T. Nguyen, <b>Quynh D. Nguyen</b>
22.	EFFECTS OF ENZYMATIC HYDROLYSIS COMBINED WITH MEMBRANE ULTRAFILTRATION ON THE QUALITY AND BITTERNESS OF THE PROTEIN HYDROLYSATE FROM SNAKEHEAD FISH (CHANNA STRIATA) HEAD	Seafood Processing and Post-harvest	<b>Thu T. M. Truong</b> , Thuy T. M. Le, Truc T. Tran

23.	THE EFFECTS OF USING SHORTWAVE INFRARED LAMP DRYING, HALOGEN LAMP DRYING AND ALKALINE PRETREATMENT SUBSTITUTE TRADITIONAL SUN DRYING ON GONGLIAO SEAWEED GEL	Seafood Processing and Post-harvest	Ling-An Chen, Chen-Zhen Ang, <b>Wen-Chieh Sung</b>
24.	STUDY ON ANTIOXIDANT ACTIVITIES OF PROTEIN ISOLATE HYDROLYSATES DERIVED FROM TUNA DARK MEAT	Seafood Processing and Post-harvest	<b>Trong Bach Nguyen</b> , Hong Ngan Nguyen , Thi Kim Cuc Nguyen, Bao Nguyen, Witoon Prinyawiwatkul, Huynh Nguyen Duy Bao
25.	GENDER PARTICIPATION IN THE FISHERIES SECTOR OF KHANH HOA PROVINCE, VIETNAM	Sustainable fishing and conservation of marine resources	<b>Anh K.T. Pham</b> , Thuy T.N Nguyen
26.	THE INFECTION STATUS OF THE CRUSTACEAN PARASITE (SACCULINA ANGULATA) ON THE MORPHOLOGY OF SWIMMING CRAB HOST (CHARYBDIS HELLERII) DISTRIBUTE IN NHA TRANG BAY	Sustainable fishing and conservation of marine resources	<b>Le Thi Kieu Oanh</b> , Dang Thuy Binh, Henrik Glenner
27.	ICHTHYOPLANKTON DATA REVIEW EEL SPECIES (ANGUILLIFORMES: OPHICHTHIDAE) IN THE VIETNAMESE COASTAL WATERS	Sustainable fishing and conservation of marine resources	<b>Oanh T. Truong</b> , Sang Q. Tran, Nhi T.T. Hoang, Quyen D.H. Vu, Long V. Nguyen, Huy Q. Pham, <b>Binh T. Dang</b>
28.	SPATIAL DISTRIBUTION AND SPAWNING SEASONS OF COMMON SMALL PELAGIC FISH (ORDER: CLUPEIFORMES) IN VIETNAMESE WATER	Sustainable fishing and conservation of marine resources	<b>Sang Q. Tran</b> , My T.L. Nguyen, Trang N.T. Pham, Kien P. Tran, Quan T. Mai, Ha V. Vu, <b>Binh T. Dang</b>
29.	A STUDY ON PREPARING FISH PROTEIN POWDER FROM DARK TUNA MUSCLE AND ADDING IT TO BISCUITS	Sustainable fishing and conservation of marine resources	Tran Duong Tai, Bui Hanh Phuong, Nguyen Huynh Anh Tuan, <b>Huynh Nguyen Duy Bao</b>
30.	SOLAR POWER PREDICTION ON CRUISE SHIP WITH LONG SHORT-TERM MEMORY MODEL	Marine Infrastructure, Transportation, and Smart Aquaculture	Thuc-Minh Bui, Quyet Nguyen Doan, Huy Nguyen Xuan, Huong Le Thi, Trang Nguyen Thi Thu, Ming-Yuan Cho, <b>Thanh-Phuong Nguyen</b>
31.	SEASONAL VARIATION IN BIOCHEMICAL COMPOSITION AND ANTIOXIDANT ACTIVITY OF THE RED SEAWEED TRICLEOCARPA CYLINDRIA	Seafood Processing and Post-harvest	<b>Nguyen The Han</b> , Nguyen Van Minh, Nguyen Thi Thao
32.	EFFECTS OF FEEDING DENSITY AND STOCKING DENSITY ON THE DEVELOPMENT OF HERMIT CRAB CLIBANARIUS LONGITARSUS LARVAE	Aquaculture Technology	<b>Tran Trung Giang</b> , Vu Ngoc Ut

33.	NATURAL-BASED AQUACULTURE: A CASE OF IMPROVED EXTENSIVE AND ALTERNATIVE RICE-SHRIMP FARMING MODEL	Aquaculture Technology	Vo Nam Son, Nguyen Thi Ngoc Anh, Nguyen Thi Kim Ha, Tran Thi Thuy Hang, Nguyen Nhat Hao, Nguyen Do Quynh, Do Thi Thanh Huong, <b>Nguyen Tinh Em</b> , Boripat Lebel, and Nguyen Thanh Phuong
34.	POTENTIAL OF EURYHALINE SPECIES FOR BRACKISHWATER AQUACULTURE: A CASE STUDY OF <i>Pangasius krempfi</i> FARMING PRACTICES IN THE MEKONG RIVER DELTA, VIETNAM	Aquaculture Technology	<b>Nguyen Tinh Em</b> , Bui Thi Bich Hang, Do Thi Thanh Huong, Le Quoc Viet, Duong Thuy Yen, Vo Nam Son, Nguyen Hong Quyet Thang, Nguyen Tan Tai, Frédéric Farnir, Philippe Lebailly and Patrick Kestemont <sup>1</sup> , Nguyen Thanh Phuong
35.	MICROALGAL SELECTION AND FEED PREFERENCE IN BLACK TIGER SHRIMP ( <i>Penaeus monodon</i> ) LARVICULTURE	Aquaculture Technology	<b>Thao Duc Mai</b> , Vy Phuong Le Dang, Kim Jee Lee-Chang, and <b>Hung Quoc Pham</b>
36.	SURVEY ON FOOD SAFETY FACTORS RELATED TO PACIFIC OYSTER ( <i>CRASSOSTREA GIGAS</i> THUNBERG, 1793) RAW MATERIALS CULTIVATED IN FARMING AREAS, NORTHERN KHÁNH HOA, VIETNAM	Seafood Processing and Post-harvest	<b>Ngô T.H Duong</b> , Pham T.M Hai, Bui T.N.T Viet, Tran T. Huyen, Tran T. Giang, Nguyen K. Sanh