

INTERNATIONAL FISHERIES SYMPOSIUM (IFS 2023)

22-24 November 2023

Novotel Bangkok Future Park Rangsit

Opening Session venue: **Nakhon Rangsit Ballroom**

Parallel session venues:

Nakhon Rangsit 1

Nakhon Rangsit 2

Nakhon Rangsit 3

Tanyaburi 1

Tanyaburi 2

ORAL PRESENTATION AT VENUE: NAKHON RANGSIT 1

DAY 1 : 22 November 2023 (WEDNESDAY)	
Parallel Session 1: Aquaculture Biotechnology and Engineering	
Chair: Yeong Yik Sung	
11:00-11:20	SALINITY TOLERANCE OF RED TILAPIA (<i>OREOCHROMIS SP.</i>) SEED FROM SELECTION-SYNTHETIC HYBRIDIZATION OF FOUR DIFFERENT STRAINS USING THE LC 50 METHOD <i>Afida s*, Triyatmo, Bambang, Rustadi</i>
11.20-11.40	EFFECT OF TANK COLOUR ON GROWTH PERFORMANCE, SURVIVAL RATE AND DEFORMATION OF JUVENILE GOLDEN TREVALLY GNATHANODON SPECIOSUS UNDER ELEVATED TEMPERATURE <i>Chau Bich Lien*, Ngo Van Manh, Hoang Thi Thanh, Le Minh Hoang</i>
11.40-12.00	CHARACTERIZATION OF MICROBIOME ASSOCIATED WITH POLYCHAETE (<i>NAMALYCASTIS SP.</i>) GUT AND ENVIRONMENTAL SAMPLE FROM SETIU WETLAND, TERENGGANU <i>Shumpei Iehata*</i>
12.00-12.20	EFFECTS OF 17 β -ESTRADIOL ON FEMINIZATION, GROWTH, AND SURVIVAL OF SALINE-TOLERANT NILE TILAPIA <i>Lumayno, Sanny David P.*; Estrada, Regie A.; Fontanilla, Maria Alexandra G.; Ferriols, Victor Marco Emmanuel N.; Failaman, Alan N.; Traifalgar, Rex Ferdinand M.</i>
12.20-12.40	EFFECTS OF SALINITY ON CYST PRODUCTION OF THE BRINE SHRIMP <i>ARTEMIA FRANCISCANA</i> IN TANK CULTURE <i>Sarah Sabrina Romlan*, Yeong Yik Sung, Mimi Iryani Mat Taib</i>
12:40-13:30	LUNCH

Parallel Session 2: Aquaculture Biotechnology and Engineering

Chair: Sanny David P. Lumayno

13.30-13.50	AN INVESTIGATION OF OIL-DEGRADING BACTERIAL COMMUNITIES IN PHILIPPINE CUPPED OYSTER <i>MAGALLANA BILINEATA</i> (RÖDING, 1798) FROM OIL-POLLUTED AREAS ALONG ILOILO STRAIT, PHILIPPINES Mueda, Camille Rose* T., Nuñal, Sharon N., Ferriols, Victor Marco Emmanuel N., Regalado, Julia Theresa, Monaya, Karmelie Jane, Javier, Ma. Carmel, and Opulencia, Rina B.
13.50-14.10	GROWTH AND SURVIVAL RATE OF SUB-ADULT OYSTERS (<i>CRASSOSTREA BELCHERI</i>) IN THE EARTHEN POND Supatcha, Chooseangjaew* , Worawut Kerdprang, Suwat Tanyaros, and Kattinat Sagulsawasdipan
14.10-14.30	EXTREME TEMPERATURES REDUCE COPEPOD PERFORMANCE, BUT INDUCE INCREASE IN THERMOPHILIC PROTEOBACTERIA IN THE GUT MICROBIOME Quyên D.H. Vu, Linh P. Pham* , Oanh T. Truong, Sang Q. Tran, Canh V. Bui, Minh-Hoang Le, Binh T. Dang, Khuong V. Dinh
14.30-14.50	ADMINISTRATION OF PROBIOTICS AND PREBIOTICS TARO TUBER EXTRACT (<i>COLOCASIA ESCULENTA</i>) ON BLOOD PROFILE, GROWTH AND SURVIVAL RATE OF WHITE SHRIMP (<i>LITOPENAEUS VANNAMEI</i>) Satyantini, Woro Hastuti* , Elisafitri, Mirda, Nugroho, Vishnu Pandu, Sulmartiwi, Laksmi
14.50-15.10	CHARACTERIZATION OF TOLL-LIKE RECEPTOR 18 (TLR-18) IN STRIPED CATFISH (<i>PANGASIANODON HYPOPHthalmus</i>) To Vu Thien Tam* , Tu Thanh Dung Tran Ngoc Hai, Tran Thi Tuyet Hoa, Nguyen Van Thanh and Nguyen Bao Trung
15:10-15:30	COFFEE

Parallel Session 3: Aquaculture Biotechnology and Engineering

Chair: Sanny David P. Lumayno

15.30-15.50	THE NEARLY COMPLETE MITOGENOME OF THE RHIZOCEPHALAN PARASITE, <i>SACCULINA BEAUFORTI</i> Mohd Fazhan Bin Mohd Hana* ; Gusti-Afiz G.R.N.; Ismail, Nurulhayati.; Ikhwanuddin M.; And Waiho K.
15.50-16.10	COST-RETURN ANALYSIS OF A SMALL-SCALE BERRIED FEMALE MUD CRAB (<i>SCYLLA PARAMAMOSAIN</i>) PRODUCTION USING A WATER RECIRCULATION SYSTEM Hafeezee Chema* Supat Khongpuang Sukree Hajisamae
16.10-16.30	EFFECTS OF WATER SPINACH (<i>IPOMOEA AQUATICA</i>) AND SWEET POTATO (<i>IPOMOEA BATATAS</i>) STARCH ON THE GROWTH PERFORMANCE OF NILE TILAPIA (<i>OREOCHROMIS NILOTICUS</i>) FRY Mary Ann B Madeja*
16.30-16.50	DEVELOPING ULTRASOUND TECHNIQUES IN STUDYING THE OVARY OF <i>HEMIBAGRUS WYCKIODES</i> FISH Nguyen Phu Hoa* , Bui Ngoc Thuy Linh, Nguyen Thi Thanh Hien

16.50-17.10	EFFECTS OF FEEDING PERIOD, NUTRITIONAL ENRICHMENT OF ROTIFER AND ARTEMIA ON SURVIVAL AND GROWTH PERFORMANCE OF FALSE CLOWN FISH AMPHIPRION OCELLARIS. <i>Nguyen Bao Khang, Ha Quang Thai, Nguyen Nhat Anh, Tran Van Dung, Nguyen Si Thanh, Sahabhop Dokkaew, Hon Jung Liew, Pham Thanh Liem, Pham Minh Duc and Hua Thai Nhan*</i>
DAY 2 : 23 November 2023 (THURSDAY)	
Parallel Session 4: Special Session - ASACHA Network	
<i>Chair: Jean-Michel Montillaro</i>	
09.00-09.20	PILOT PROJECT: DEVELOPMENT OF THE RICE - FISH FIELD AND EDUCATION TOURISM CONCEPT IN WEST JAVA INDONESIA <i>Sri Pudji Sinarni Dewi*, Reza Samsudin, Anang Hari Kristanto, Angela Mariana Lusiastuti, Tatang</i>
09.20-09.40	FOOD WEBS OF INTEGRATED RICE FISH FARMING IN CAMBODIA <i>Jean-Michel Montillaro*, Kazi Ahmed Kabir, Vaian Va, Dorian Dejece, Somony Thay & Domenico Caruso</i>
09.40-10.00	DISTRIBUTION AND ANTIBIOTIC RESISTANT OF <i>AEROMONAS SPP.</i> IN CHANNA MICROPELTES AQUACULTURE FARMS IN CAMBODIA <i>Heng Oudam*, Peng Chanthol, Khut Pisey S., Heng Vathanak, Hor Menghouy, Pa Sreyppich, Caruso Domenico</i>
10.00-10.20	COLUMNARIS: RE-EMERGING DISEASE FOR FRESHWATER FISH IN VIETNAM: DISEASE STATUS AND SOLUTIONS <i>Truong Dinh Hoai*, Nguyen Thi Huong Giang, Dang Thi Hoa, Doan Thi Ninh</i>
10.20-10.40	EFFECTS OF HIGH TEMPERATURE ON THE NUTRIENT REQUIREMENT AND PERFORMANCE OF STRIPPED CATFISH <i>Tran Le Cam Tu, Duong Hoai Nhan*, Ho Tuyet Ngoc, Nguyen Thi My A, Tran Huu Tinh, Tran Thi Thanh Hien, Kazi Admed Kabir</i>
10.40-11.00	COFFEE
Parallel Session 5: Special Session - ASACHA Network	
<i>Chair: Jean-Michel Montillaro</i>	
11.00-11.20	WOMEN AND SMALL-SCALE FISHERIES: A CASE STUDY IN THE CAMBODIAN FLOODPLAINS IN KANDAL PROVINCE, SOUTH CAMBODIA <i>Raksmey Phoeurk*, Kimchhin Sok, Somaly Oum, Jean-Philippe Venot</i>
11.20-11.40	MORPHOMETRIC RELATIONSHIPS, SEX RATIO AND RELATIVE CONDITION FACTOR OF THE BLUE SWIMMING CRAB <i>PORTUNUS PELAGICUS</i> IN THE MUNICIPAL WATERS OF TOLOSA, LEYTE, PHILIPPINES <i>Rizalyn M*. Picoy-Gonzales, Harold M. Monteclaro</i>
11.40-12.00	DETERMINATION OF SEXUAL DIMORPHISM IN SPAWNERS OF THE CULTURED FISH <i>HETEROTIS NILOTICUS</i> USING MORPHOMETRIC APPROACHES <i>Boussou*, Charles K., Kone Moussa, Djirieoulou Claver K., Kouadio Antoine K.</i>

12.00-12.20	ASSESSING POLICY RELATED TO ORNAMENTAL FISH MANAGEMENT IN CAMBODIA Channa Chhin* , Kakada Pin, Zeb S Hogan, Leakhina Chin, Peng Bun Ngor
12.20-12.40	EFFECT OF PROCESSING TIME AND TEMPERATURE ON THE NUTRIENT COMPOSITION OF RED AND GREEN MACROALGAE Tran Le Cam Tu* , Nguyen Thi My A, Nguyen Nhut, Tran Huu Tinh, Tran Thi Thanh Hien, Kazi Admed Kabir
12.40-13.30	LUNCH
Parallel Session 6: Special Session - Genetics and Breeding	
Chair: Siti Azizah Mohd Nor	
13.30-13.50	ALL-FEMALE GROW-OUT IN THE FRESHWATER PRAWN <i>MACROBRACHIUM ROSENBERGII</i> : A COMPARATIVE COMMERCIAL-SCALE STUDY Melody Wahl* , Roi Kozlowsky, Jiratchai Charoenching, Eliahu D. Aflalo, Kritsada Hongrath, Assaf Shechter, Amir Sagi
13.50-14.10	GENOMIC IMPRINTS FOR IDENTIFYING CANDIDATE GENES INVOLVED WITH SPECIFIC DISEASE RESISTANCE IN BLACK TIGER SHRIMP (<i>PENAEUS MONODON</i>) Md Lifat Rahi*
14.10-14.30	IDENTIFYING SNPS FOR RESISTANCE TO HEPATOPANCREATIC PARVOVIRUS IN FARMED <i>FENNEROPENAEUS MERGUIENSIS</i> Phuthaworn, Chontida* ; Nguyen, Hong Nguyen; Powell, Daniel; Knibb, Wayne
14.30-14.50	GENOMIC PREDICTION FOR FILLET TRAITS IN ASIAN SEABASS (<i>LATES CALCARIFER</i> , BLOCH 1790) Sukhavachana Sila* , Pattarapanyawong Naurechon, Senanan Wansuk, Poompuang Supawadee
14.50-15.10	GROWTH CHARACTERIZATION AND GENETICS OF RED TILAPIA (<i>OREOCHROMIS SP.</i>) FROM HYBRIDISATION THREE DIFFERENT STRAINS Farkhana Laily*
15.10-15.30	COFFEE
Parallel Session 7: Special Session - Genetics and Breeding	
Chair: Siti Azizah Mohd Nor	
15.30-15.50	SUSTAINABLE BREEDING OF ORNAMENTAL FISHES IN THE PERUVIAN AMAZON: HELPING TO REDUCE THE IMPACT OF WILD CAUGHT SPECIES Anthony Mazeroll* , Carlos Chuquiondo G
15.50-16.10	IN VIVO STUDY ON FACTORS RELATE TO OOCYTE MATURATION DURING SPAWNING CYCLE OF NILE TILAPIA Chak Aranyakanont* , Shigeo Ijiri, Shinji Adachi
16.10-16.30	REGULATION OF GONAD MATURATION IN <i>PANGASIUS NASUTUS</i> (BLEEKER 1863) BY GNRHA-EVAC IMPLANT Zulperi Zarirah* , Zamri Amirah S., Sahadan Fatin N., Esa Yuzine, Christianus Annie, Ismail Fadhil S.

<p>16.30-16.50</p>	<p>A NOVEL APPROACH TO DETECT SHRIMP PONDS USING SYNTHETIC APERTURE RADAR Sumesh, M*; Ramachnadran, R.; Rakshit, B., Rohit Pingale</p>
<p>16.50-17.10</p>	<p>MOLECULAR TAXONOMY OF THE ECONOMICALLY VALUABLE SPECIES OF THE FEATHERBACK GENUS CHITALA (<i>OSTEOGLOSSOMORPHA</i>; <i>NOTOPTERIDAE</i>) IN PENINSULAR MALAYSIA Sebastien Lavoue*, Ruzman, Luqman Hakim, Jamaluddin, Jamsari Amirul Firdaus, Muhammad-Rasul, Abdullah Halim, Khaironizam, Md. Zain</p>



ORAL PRESENTATION AT VENUE: NAKHON RANGSIT 2

DAY 1 : 22 November 2023 (WEDNESDAY)	
Parallel Session 1 : Aquaculture Nutrition and Physiology	
<i>Chair: Iris Ann G. Borlongan</i>	
11:00-11:20	CLOSING THE LOOP: PROBIOTICS AND PREBIOTICS FROM ONION WASTES FOR TILAPIA CULTURE Ronalie Rafael* , Velasco, Ravelina R., Rafael, Rosalie R
11:20-11:40	EVALUATION OF FERMENTED NONI (<i>MORINDA CITRIFOLIA</i>) LEAF MEAL AS PARTIAL SUBSTITUTE FOR SOYBEAN MEAL IN PRACTICAL DIETS OF BONYLIP BARB (<i>OSTEOCHILUS HASSELTII</i>) FRY Indra Suharman* , Prischilla Nur Hawa, Adelina Adelina, Netti Aryani, Bustari Hasan
11:40-12:00	FUNCTIONAL FEED FORMULATION: COMPARATIVE GROWTH, INNATE IMMUNITY, DIGESTIVE ENZYME INDICES AND BODY COMPOSITION OF NILE TILAPIA (<i>OREOCHROMIS NILOTICUS</i>) UNDER 75% FISH MEAL REPLACEMENT WITH SOYBEAN MEAL Abdul Mateen*
12:00-12:20	NUTRITIONAL VALUE OF HYDROLYSED CHICKEN FEATHER MEAL FOR FISH FEED Handayani, Desy Putri* ; Isnansetyo, Alim; Helmiati, Senny; Al Anas, Muhsin; Fahlefi, Muhammad Rizal; Haris, Muhammad Razan; Fiasti, Salsabila Aulia; Widowati, Aulia Sari
12:20-12:40	INTESTINE HISTOMORPHOLOGICAL CHANGES IN RED HYBRID TILAPIA (<i>OREOCHROMIS MOSSAMBICUS</i> × <i>OREOCHROMIS NILOTICUS</i>) FED WITH PROBIOTIC, HERBAL EXTRACT AND DRIED PAPAYA LEAVES (<i>CARICA PAPAYA</i>) Omar, Muhammad Arif; Somdare, Peace O.; Hamid, Noor K. A.* ; Kari, Zulhisham A
12:40-13:30	LUNCH
Parallel Session 2: Aquaculture Nutrition and Physiology	
<i>Chair: Iris Ann G. Borlongan</i>	
13.30-13.50	TOWARDS SUSTAINABILITY OF THE GREEN MUSSEL (<i>PERNA VIRIDIS</i>) PRODUCTION: TESTING THE GROWTH PERFORMANCE, AMYLASE AND PROTEASE ACTIVITY OF SPATS FED WITH FRESH AND ALGAL PASTE FORMS OF <i>ISOCHRYSIS GALBANA</i> Ma Novem Grace Ylayron*
13.50-14.10	EFFECT OF PURPLE NON SULFUR BACTERIA (<i>RHODOPSEUDOMONAS</i> SP.) FEED ON ARTEMIA FITNESS AND NUTRITIONAL VALUES Athirah Zaidi* , Jasnizat Saidin
14.10-14.30	EFFECT OF DIETARY ENHANCED <i>THERMOCYCLOPS CRASSUS</i> (FISCHER, 1853) ON THE GROWTH, SURVIVAL AND LIFE HISTORY PARAMETERS Amirah, Yuslan* , Nadiah, W. Rasdi

14.30-14.50	EFFECT OF DIFFERENT DIETS ON THE POPULATION GROWTH, SURVIVAL AND LIFE HISTORY PARAMETERS OF <i>OITHONA SIMPLEX</i> (FARRAN, 1913) Hidayu Suhaimi* , <i>Nadiyah W Rasdi</i>
14.50-15.10	ENDOPHYTIC FUNGAL EXTRACT HAS THE ABILITY TO IMPACT THE MICROBIAL DIVERSITY ASSOCIATED WITH FISH GUTS AS A FISH FEED ADDITIVE Zarkasi, Kamarul Z* ; <i>Mokhtar, Nur A.A.; Ibrahim, Darah; Zulfakar, Siti S.</i>
15.10-15.30	COFFEE
Parallel Session 3: Aquaculture Nutrition and Physiology	
Chair: Tan Min Pau	
15.30-15.50	INFLUENCES OF FEED ADDITIVES AS A DIETARY SUPPLEMENT ON GROWTH PERFORMANCE AND BODY INDICES IN HYBRID CATFISH <i>CLARIAS MACROCEPHALUS</i> × <i>C. GARIEPINUS</i> Kroesna, Mon* ; <i>Hamid, N.K.A</i>
15.50-16.10	NUTRITIONAL PROFILE AND HEAVY METAL ANALYSIS OF WILD AND FARMED ASIAN SEABASS <i>LATES CALCARIFER</i> Nurzafirah, Mazlan* , <i>Ching, Fui Fui, Rafidah, Othman</i>
16.10-16.30	BIOFLOC TECHNOLOGY APPLICATION AND MICROSCOPIC ORGANISMS IDENTIFICATION AS NUTRITIOUS DIET IN <i>PENAEUS VANNAMEI</i> , WHITE LEG SHRIMP GROW-OUT CULTURE POND OF KEDAH, MALAYSIA Hidayah Manan* ; <i>Nor Azman Kasan; Mhd Ikhwanuddin; Tuan Ismarani Tuan Ismail; Ashraf Suloma</i>
16.30-16.50	STUDY OF FATTY ACID CONTENT OF SEAWEED <i>SARGASSUM</i> SP. (PHAEOPHYCEAE) AND <i>ULVA</i> SP. (ULVOPHYCEAE) IN THE DRY SEASON AND RAINY SEASON Mochammad Amin Alamsjah*
16.50-17.10	CHARACTERIZATION OF NATURAL FOOD COMPOSITION OF BLOOD COCKLE <i>TEGILLARCA GRANOSA</i> IN ZARRAGA, ILOILO, PHILIPPINES Allena Esther D. Arteta* , <i>Ecel T. Resano, Rowena E. Cadiz, Cherry Pilapil Añasco</i>
DAY 2 : 23 November 2023 (THURSDAY)	
Parallel Session 4: Special Session - Shrimp Farming, the Way Forward	
Chair: Olivier Decamp	
09.00 – 09.20	Keynote presentation CHALLENGES IN SHRIMP FARMING: FOCUS ON IMPROVED EFFICIENCY Olivier Decamp*
09.20 – 09.40	CURRENT PRODUCTION, CHALLENGES, AND PROSPECTS OF THE GLOBAL SHRIMP FARMING INDUSTRY Soraphat Panakorn*

09.40 - 10.00	OVERPRODUCTION IN SHRIMP FARMING: GOOD, BAD, OR UGLY? Manoj Sharma*
10.00 - 10.20	SUSTAINABLE BLACK TIGER SHRIMP FARMING IN VIETNAM Do Vu Linh*
10.20 - 10.40	FEED DESIGN FOR SHRIMP: WHAT IS MISSING FOR SUSTAINABLE FEED PRODUCTION Piet Jozef M Verstraete*
10.40 - 11.00	COFFEE
Parallel Session 5: Special Session - Shrimp Farming, the Way Forward	
<i>Chair: Olivier Decamp</i>	
11.00-11.20	EFFECTS OF INSECT MEAL AND INSECT OIL ON GROWTH PERFORMANCE, PROTEIN DIGESTIBILITY, AND RESPONSE TO CHALLENGE TEST WITH VIBRIO PARAHAEMOLYTICUS IN WHITE SHRIMP Romain Menard*
11.20-11.40	MAPPING AQUACULTURE PONDS USING DEEP LEARNING FOR INDIAN SUBCONTINENT Aman Bagrecha, Rohit Pingale
11.40-12.00	COMMUNITY OF MICROBIOME CONTRIBUTES TO AMMONIA REMOVAL IN PRODUCTIVE SHRIMP PONDS Indah Istigomah*
12.00-12.20	THE EFFECTS OF DIFFERENT AERATION AND STOCKING DENSITY ON PERFORMANCES AND RESPONSE STRESS OF VANAME SHRIMP (<i>LITOPENAEUS VANNAMEI</i> , BOONE, 1931) CULTIVATION Rustadi Rustadi* ; AA, Arif Marwan; Bambang Triatmo and Susilo Priyono
12.20-12.40	A NOVEL APPROACH TO ESTIMATE WATER QUALITY OF INLAND AQUACULTURE PONDS USING SATELLITE DATA AND WQI MODEL <i>Sumesh, M, Ramachnadran, R., Rakshit, B., Rohit P*</i>
12.40-13.30	LUNCH
Parallel Session 6 : Aquaculture Nutrition and Physiology	
<i>Chair: Yew-Hu-Chien</i>	
13.30-13.50	A STUDY ON GROWTH OF INDIAN MAJOR CARP <i>LABEO CATLA</i> FED WITH EFFECTIVE MICROORGANISMS FERMENTED SUPPLEMENTAL FEED Rajdeep Dutta; Bhagabati, Sarada K.; Islam, Jeherul; Kahle, Jens; Sinha, Pratap; Nath, Dipanka, Sarmah, Raktim & Singha, Sanayaima
13.50-14.10	FISH MEAL REPLACEMENT BY POULTRY OFFAL MEAL IN JUVENILE RED TILAPIA (<i>OREOCHROMIS NILOTICUS X MOSSAMBICUS</i>) DIET Preeda Phumee*and Nooree Thodeng
14.10-14.30	PARTIAL AND COMPLETE REPLACEMENT OF COMMERCIAL FISH MEAL BY <i>S. MELANOTHERON</i> MEAL FOR <i>MOLOBICUS</i> FINGERLINGS DIET Danica May Lawagan* , Ravelina Velasco, Lorenz Fajardo, Alvin Reyes

14.30-14.50	FISH MEAL SUBSTITUTION WITH INSECT MEAL (<i>TENEBRIO MOLITOR</i>) IN RAINBOW TROUT (<i>ONCORHYNCHUS MYKISS</i>): A COMPREHENSIVE ASSESSMENT OF GROWTH PERFORMANCE FROM A STABLE ISOTOPE PERSPECTIVE <i>Sukumaran, Elavarasi</i> *; <i>Montblanch, Manel</i> ; <i>Gutiérrez, Joaquín</i> ; <i>de Diego, Savas</i> ; <i>Gisbert, Enric</i> ; <i>Blasco, Josefina</i>
14.50-15.10	THE EFFECT OF USE OF BLACK SOLDIER FLY MAGGOT WITH PROBIOTIC ON THE GROWTH AND HEALTH STATUS OF CATFISH (<i>CLARIAS SP.</i>) <i>Tiara Putri Faralovrisya</i> ; <i>Senny Helmiati</i> *; <i>Tony Budi Satriyo</i>
15.30-15.50	COFFEE
15.30-17.10	ASEAN-FEN Board Meeting



ORAL PRESENTATION AT VENUE: NAKHON RANGSIT 3

DAY 1 : 22 November 2023 (WEDNESDAY)	
Parallel Session 1: Aquatic Animal Health Management	
<i>Chairs: Mohd Effendy Abd Wahid and Ha Thanh Dong</i>	
11.00-11.20	Keynote presentation TRANSLOCATION OF TILAPIA'S TINY TERRORS: NILE TILAPIA AND ITS PARASITES <i>Andrew Shinn*</i>
11.20-11.40	<i>FUSARIUM SPP. IN SETIU WETLANDS' RIVERS: INSIGHTS INTO THEIR ISOLATION, ENVIRONMENTAL TOLERANCE, AND EXTRACELLULAR ENZYME PRODUCTION</i> <i>Mohd Naqib*, Azfar Bin Mohd Roslan, Noorfarina Aini Ahmad Arabi, Najiah Musa, Nurul Aqilah Ibrahlim</i>
11.40-12.00	IDENTIFICATION AND INTENSITY OF THE OCTOLASMIS ECTOPARASITE IN SAND LOBSTERS (<i>PANULIRUS HOMARUS</i>) USING DIFFERENT CULTIVATION METHODS <i>Kismiyati*and Sri Subekti</i>
12.00-12.20	PHILOMETRID NEMATODE INFECTING THE OVARIES OF <i>NEMIPTERUS JAPONICUS</i> AND ITS EFFECT ON HOST FECUNDITY <i>Junard Catabay*, Loinda Baldrias, and Vachel Gay Paller</i>
12.20-12.40	THE INFLUENCE OF BANANA STEM FOR CONTROLLING <i>ARGULUS JAPONICUS</i> ECTOPARASITE IN GOLDFISH (<i>CARASSIUS AURATUS</i>) <i>Sri Subekti*, Risky Yuli Andari, Sri Subekti, Kismiyati</i>
12.40-13.30	LUNCH
Parallel Session 2: Aquatic Animal Health Management	
<i>Chairs: Andy Shinn and Ha Thanh Dong</i>	
13.30-13.50	EXPLORING THE IDEAL VACCINATION WINDOW FOR YOUNG ASIAN SEABASS (<i>LATES CALCARIFER</i> , BLOCH 1790) <i>Nguyen Tien Vinh*, Ha Thanh Dong, Nguyen Giang Thu Lan, Pakkakul Sangsuriya, Krishna R. Salin, Satid Chatchaiphon, Saengchan Senapin</i>
13.50-14.10	IMMERSION PRIME AND ORAL BOOST VACCINATION WITH AN INACTIVATED <i>VIBRIO HARVEYI</i> VACCINE CONFERS PROTECTION IN ASIAN SEABASS (<i>LATES CALCARIFER</i>) <i>Nguyen Giang Thu Lan*, Ha Thanh Dong, Nguyen Tien Vinh, Saengchan Senapin, Andrew P. Shinn, Krishna R. Salin, Channarong Rodkhum</i>
14.10-14.30	FIELD EFFICACY OF VIVACUPM, FEED-BASED VACCINE AGAINST VIBRIOSIS IN ASIAN SEABASS, <i>LATES CALCARIFER</i> <i>Muhammad Farhan Nazarudin *, Ina Salwany Md Yasin, Mohammad Noor Azmai Amal and Mohammed Aliyu-Paiko</i>
14.30-14.50	EFFICACY OF AN INACTIVATED VACCINE AGAINST <i>EDWARDSIELLA ICTALURI</i> IN TILAPIA (<i>OREOCHROMIS SP.</i>) BY INTRAPERITONEAL ADMINISTRATION <i>Truong Dinh Hoai*, Nguyen Thi Huong Giang, Dang Thi Hoa1, Doan Thi Ninh</i>

14.50-15.10	ISOLATION OF LYTIC BACTERIOPHAGE SPECIFIC TO <i>VIBRIO PARAHAEMOLYTICUS</i> FROM AQUACULTURE ENVIRONMENT <i>Asep Awaludin Prihanto*</i> , <i>Ananda S Kinanti</i> , <i>Asep A Prihanto</i>
15.10-15.30	COFFEE
Parallel Session 3: Aquatic Animal Health Management	
<i>Chairs: Andy Shinn and Ha Thanh Dong</i>	
15.30-15.50	PRODUCTION OF BIOACTIVE PEPTIDE FROM CATFISH (<i>CLARIAS SP.</i>) GILL AND ARBORESCENT BY ENZYMATIC HYDROLISIS <i>Muhammad Prima*</i>
15.50-16.10	AN INSIGHT TO GILL MICROBIOME OF RED TILAPIA (<i>OREOCHROMIS SP.</i>) BY APPLYING 16S RIBOSOMAL RNA GENES METAGENOMIC AMPLICON SEQUENCING <i>Dayrit*</i> , <i>Geraldine M</i> ; <i>Chaiyapechara, Sage</i> ; <i>Rodkhum, Channarong</i>
16.10-16.30	EVALUATION OF THE PATHOGENICITY OF <i>STREPTOCOCCUS AGALACTIAE</i> SEROTYPE IA AND III IN TILAPIA IN THE EXPERIMENTAL CHALLENGES <i>Truong Dinh Hoai*</i> , <i>Nguyen Thi Huong Giang</i> , <i>Dang Thi Hoa1</i> , <i>Doan Thi Ninh</i>
16.30-16.50	A PRELIMINARY STUDY OF SADDLEBACK SYNDROME IN STRIPED CATFISH <i>PANGASIANODON HYPOPHthalmus</i> (SAUVAGE, 1878) FROM THE MEKONG DELTA, VIETNAM <i>Nguyen T. Suong*</i> , <i>Truyen N. D. Hue</i> , <i>Le T. Luong</i> , <i>Nguyen H. Thinh</i> , <i>Nguyen H. Duy</i> , <i>Pham D. Khoa</i> , <i>Nguyen C. Trang</i> and <i>Nguyen P. Thuong</i>
16.50-17.10	TARGET ORGAN LYMPHOCYTIC DISEASE VIRUS REPLICATION IN GOURAMY (<i>OSPHRONEMUS GORAMY</i>), TILAPIA (<i>OREOCHROMIS SP.</i>), CATFISH (<i>CLARIAS SP.</i>), KOI (<i>CYPRINUS CARPIO</i>), AND BETTA (<i>BETTA SP.</i>) <i>Nikmah*</i> , <i>Nur L.F</i> ; <i>Isnasetyo</i> , <i>Alim</i> ; <i>Istiqomah</i> , <i>Indah</i> ; <i>Murwantoko</i>
DAY 2 : 23 November 2023 (THURSDAY)	
Parallel Session 4: Special Session - Aquaculture Welfare	
<i>Chairs: Pau Badia and Krishna R Salin</i>	
09.00 - 09.10	SESSION INTRODUCTION <i>Pau Badia</i>
09.10 - 09.30	THE GROWING CONSIDERATION OF WELFARE IN THE AQUACULTURE INDUSTRY: CHALLENGES AND OPPORTUNITIES <i>Anton Immink*</i>
09.30 - 09.50	EUROPEAN UNION POLICIES ON AQUATIC ANIMAL WELFARE - UPCOMING LEGISLATION, RULES FOR IMPORTS, AND LEVERAGING EU RESOURCES <i>Douglas Waley*</i>
09.50 - 10.10	ONE HEALTH APPROACH: ANIMAL WELFARE, FOOD SECURITY AND FOOD SAFETY IN TILAPIA FARMS <i>Win Surachetpong*</i>
10.10 - 10.30	USE OF NON-ABLATION IN SHRIMP HATCHERIES: PRODUCTION AND ANIMAL WELFARE <i>Simao Zacarias*</i>
10.30 - 10.40	Q & A

10.40 - 11.00	COFFEE
Parallel Session 5: Special Session - Aquaculture Welfare	
<i>Chairs: Pau Badia and Krishna R Salin</i>	
11.00-11.20	CAN WELFARE CONCEPTS CONTRIBUTE TO BETTER SUSTAINABILITY OF FRESHWATER PRAWN VALUE CHAIN? <i>Krishna R. Salin*</i>
11.20-11.40	EDUCATING AND TRAINING FARMERS ON GOOD WELFARE PRACTICES TO ELEVATE THE AQUACULTURE INDUSTRY <i>Ralf Onken*</i>
11.40-12.40	PANEL DISCUSSION <i>Anton Immink and Ralf Onken</i>
12.40-13.30	LUNCH
Parallel Session 6: Aquatic Animal Health Management	
<i>Chairs: Ha Thanh Dong and Truong Dinh Hoai</i>	
13.30-13.50	<i>PANDANUS TECTORIUS</i> LEAF EXTRACT ENHANCES HSP70 EXPRESSION AND TOLERANCE OF THE WHITE LEG SHRIMP <i>P. VANNAMEI</i> AGAINST VIBRIOSIS <i>Anupa Anirudhan, Saranya Sinnasamy, Mat Taib Mimi Iryania, Yosie Andriani, Tengku Sifzizul Tengku Muhammad, Yeong Yik Sung*</i>
13.50-14.10	OCCURRENCE OF THE WHITE SPOT SYNDROME VIRUS (WSSV) IN THE FARMED BLOOD COCKLE (<i>TEGILARCA GRANOSA</i>) IN THE NORTH COAST OF CENTRAL JAVA INDONESIA <i>Desrina*; Fahira, Arifa Nur; Nurhayati Dewi; Amalia, Rosa</i>
14.10-14.30	HEPATOPANCREAS ORGAN DAMAGE AS A DIAGNOSTIC INDICATOR FOR WHITE FECES DISEASE IN VANAME (<i>L. VANNAMEI</i>) <i>Maimunah, Yunita*; Kilawati, Yuni; Atriskya Fainta; Wiratno, Ekwan N.</i>
14.30-14.50	ANTIMICROBIAL ACTIVITIES AND MECHANISM OF ACTION OF KIAM (<i>COTYLEOBIUM LANCEOTATUM</i>) WOOD EXTRACT AGAINST <i>VIBRIO PARAHAEMOLYTICUS</i> <i>Muhamad Amin*; Wattana Temdee; Jirayu Buatong; Sootawat Benjakul</i>
14.50-15.10	EFFECTS OF DIETARY SUPPLEMENTATION WITH FREEZE-DRIED <i>LACTIPLANTIBACILLUS PLANTARUM</i> ON THE IMMUNE GENE EXPRESSION AND RESISTANCE OF WHITELEG SHRIMP (<i>PENAEUS VANNAMEI</i>) AGAINST DISEASES <i>Guzman, John Paul Matthew D.; Nozaki, Reiko; Aoki, Mikio; Kuwahara, Hiroshi; Mikata, Kazuki; Koiwai, Keiichiro; Hidehiro, Kondo; Hirono, Ikuro</i>
15.10-15.30	COFFEE

Parallel Session 7: Aquatic Animal Health Management

Chairs: Saengchan Senapin and Truong Dinh Hoai

15.30-15.50	APPLICATION OF PROBIOTIC BACTERIA <i>BACILLUS SAFENSIS</i> VQV8 AS FEED ADDITIVE IN WHITE-LEG SHRIMP <i>PENAEUS VANNAMEI</i> CULTURE TO AGAINST <i>VIBRIO HARVEY</i> Huynh Phuoc Vinh , Quyen, Ly Thuyen; Purbiantoro, Wahyu; Ut, Vu Ngoc; Ta-Chih, Cheng
15.50-16.10	ANTIBACTERIAL ACTIVITY OF THE BLACK SOLDIER FLY (<i>HERMETIA ILLUCENS</i>) LARVA PROTEIN HYDROLYSATES AGAINST SOME PATHOGENIC BACTERIA STRAINS ON FARMED AQUATIC ANIMAL Ho Thi Truong Thy , Nhu L. K. N., Duyen T. M. T., and Tam P. B. N.
16.10-16.30	PROBIOTIC AND PREBIOTIC APPLICATION TO IMPROVE GROWTH, IMMUNE RESPONSES, AND RESISTANCE OF NILE TILAPIA AGAINST <i>STREPTOCOCCUS AGALACTIAE</i> Chitmanat, Chanagun* ; Panase, Arporn; Promya, Jongkon; Thirabunyanon, Mongkol
16.30-16.50	IMMUNE GENE EXPRESSION OF GIANT GOURAMI <i>OSPHRONEMUS GORAMY</i> LAC. WITH HEMORRHAGIC SYNDROME Lalla K. Yulanda, Indah Istiqomah, Murwantoko
16.50-17.10	MARINE BIOPROSPECTING FOR AQUACULTURE: POTENTIAL AND CHALLENGES Noer Kasanah* and Triyanto



ORAL PRESENTATION AT VENUE: TANYABURI 1

DAY 1 : 22 November 2023 (WEDNESDAY)

Parallel Session 1: Aquatic Ecology, Pollution, and Climate Change

Chairs: Mustafa and Emienour-Muzalina

11.00-11.20	DO ENVIRONMENTAL CHANGES AFFECT YELLOWFIN TUNA (<i>THUNNUS ALBACARES</i>) IN THE INDIAN OCEAN?: USING GENERALIZED ADDITIVE MODEL IN THE STATISTICAL ESTIMATION OF ITS CURRENT AND FUTURE SPATIAL DISTRIBUTION <i>Lurkpranee, Supatcha*</i> ; Kitakado, Toshihide
11.20-11.40	EFFECT OF CLIMATE CHANGE ON THE FUTURE HABITAT SUITABILITY AND CATCH RATES OF THREE SWIMMING CRABS IN THE TAIWAN STRAIT <i>Muhamad Naimullah*</i> , Kuo-Wei Lan
11.40-12.00	THE DYNAMICS OF MACROALGAE COMMUNITY STRUCTURE ON THE SOUTH COAST OF YOGYAKARTA, INDONESIA <i>Adharini, Ratih Ida*</i> ; Probosunu, Namastra
12.00-12.20	STRUCTURE OF BENTHOS COMMUNITY IN ESTUARY OF BEGAWAN SOLO RIVER, INDONESIA <i>Dewi, Nina Nurmalia*</i> , Mubarak, Achmad S, Sulistiono, Cahyadi, Firman, Almira, Prima, Fu'adah, Elva Q.
12.20-12.40	CLASSIFICATION, COMPOSITION, AND SOURCES OF MARINE LITTER ON BEACH SEDIMENT OF KONDANG MERAK COAST, MALANG, INDONESIA <i>Yona, Defri*</i> ; Sari, Syarifah H.J.; Riyanto, A.V.; Ratna, Oktavia; Estina; Lestariadi, Riski A.; Amiruddin, Akhmad
13.00-13.30	LUNCH

Parallel Session 2: Aquatic Ecology, Pollution, and Climate Change

Chair: Qi Zizhong

13.30-13.50	DEMYSTIFYING MICROPLASTIC CONTAMINATION IN MANGROVE HABITATS: INSIGHTS FROM BUTUAN BAY, PHILIPPINES <i>Capangpangan, Rey Y*</i> ; Inocente, Sherley Ann T.; Keleste, Ethel P.; Banda, Marybeth Hope T.; Aporbo, Jhon Carlo P.; Vales, Temmy P.; Jumawan, Joycelyn C.; Seronay, Romell; Latayada, Felmer S.
13.50-14.10	MICROPLASTICS CONTENT IN WATER, SEDIMENT, AND FISH IN THE ANCAR RIVER, MATARAM CITY, WEST NUSA TENGGARA <i>Khairunnisa*</i> , Eko Setyobudi, Ratih Ida Adharini, Ega Adhi Wicaksono
14.10-14.30	PLASTIC DEBRIS INGESTION OF MUD CRABS, <i>SCYLLA SPP</i> IN THAILAND COASTAL WATERS <i>Kay Khine Soe*</i> ; Sofiyudin Maae; Zeehan Jaafar; Pornpimon Chuaduangpui; Sitthisak Jantararat; Sukree Hajisamae
14.30-14.50	DISTRIBUTION OF CU IN THE ORGANS OF MANGROVE FROM GENUS AVICENNIACEAE IN THE WONOREJO MANGROVE ECOSYSTEM, EAST SURABAYA, INDONESIA <i>Syarifah Hikmah Julinda Sari*</i> ; Defri Yona; Viky Vidayanti

14.50-15.10	HEAVY METAL CONCENTRATION IN OYSTER (<i>CRASSOSTREA</i> SPP.) AND CULTURED WATER AREA USING TIRE SUBSTRATES FROM CAN GIO COASTAL ZONE OF VIETNAM <i>Vu Cam Luong*</i> , <i>Nguyen Nhu Tri</i> , <i>Nguyen Hoang Nam Kha</i>
15:10-15:30	COFFEE
Parallel Session 3: Aquatic Ecology, Pollution, and Climate Change	
<i>Chair: Alim Isnansetyo</i>	
15.30-15.50	IMPACTS OF TROPICAL CYCLONE SEROJA ON THE PHYTOPLANKTON CHLOROPHYLL-A AND SEA SURFACE TEMPERATURE IN THE SAVU SEA, INDONESIA <i>Riza Yuliratno Setiawan*</i>
15.50-16.10	INVESTIGATE THE PELAGIC ECOSYSTEM VARIATION UNDER THE CLIMATE CHANGE BY USING THE WESTERN PACIFIC OCEAN REGION FOR A CASE STUDY <i>Yan-Lun, Wu*</i> , <i>Julia Blanchard</i> , <i>Phoebe Woodworth-Jefcoats</i> , <i>Kuo-Wei, Lan</i>
16.10-16.30	THERMAL FRONT ANALYSIS AND ITS ASSOCIATION WITH <i>SARDINELLA LEMURU</i> FISHERY IN BALI STRAIT, INDONESIA <i>Mochamad Arif Zainul Fuad Fatimah*</i> ; <i>Dhira Khurniawan Saputra</i>
16.30-16.50	MODIFICATION OF CULTURE CONDITIONS FOR ADAPTATION OF CLIMATE CHANGE IN FRESHWATER MICROALGAE, <i>CHLOROCOCCUM SP.</i> USED AS FEED IN THE AQUACULTURE INDUSTRY <i>Mustafa, Emienour-Muzalina*</i> , <i>Zainon</i> , <i>Muhamad-Zuraidi</i> , <i>Muhd Musir</i> , <i>Nur-Nadirah & Kari</i> , <i>Aisyah</i>
16.50-17.10	MICROPLASTIC CONTAMINATION ON CORAL REEF ECOSYSTEM IN TIDUNG ISLAND, JAKARTA BAY, INDONESIA <i>Sulistiowati*</i> , <i>Neviaty Putri Zamani</i> , <i>Dietriech Geoffrey Bengen</i> , & <i>Muhammad Reza Cordova</i>
DAY 2 : 23 November 2023 (THURSDAY)	
Parallel Session 4: Fish Processing, Trade, and Value-addition	
<i>Chair: Encarnacion Emilia S. Yap</i>	
09.00-09.20	Keynote presentation INNOVATIONS IN FISH PROCESSING AND VALUE ADDITION <i>Ravishankar C.N*</i>
09.20-09.40	ANALYSIS OF THE EXPORT COMPETITIVENESS OF MAJOR SHRIMP PRODUCERS IN INDONESIA <i>Riski Agung Lestariadi*</i> ; <i>Lina Asmara Wati</i>
09.40-10.00	APPLICATION OF BIOCOMPOSITE CASSAVA STARCH AND ALGINATE AS ACTIVE PACKAGING CANDIDATES FOR PACKAGING FRESH TUNA PRODUCTS <i>E. Waluyo*</i> , <i>A. Mulyasuryani</i> , <i>Y.P. Prananto</i> , <i>H. Nursyam</i>
10.00-10.20	ASSESSMENT OF KNOWLEDGE AND PRACTICES IN THE SEA CUCUMBER <i>STICHOPUS</i> SPP. PROCESSING INDUSTRY IN PALAWAN, PHILIPPINES <i>Escalante, Gladys Hannah S. *</i> ; <i>Tejano, Lhumen A.</i> ; <i>Endoma, Leonilo F. Jr.</i> ; <i>Yap, Encarnacion Emilia S.</i>

10.20-10.30	POTENTIAL LIPID PRODUCING THRAUSTOCHYTRIDS FROM SEVERAL MANGROVE AREA IN EAST JAWA, INDONESIA Retno Tri Astuti* , Hefti Salis Yufidasari ¹ , Mochamad Bagus Hermanto, Igaf Dhefi Septiantika ¹ , Abdillah Hanan Ash Shufi ¹ , Aris Putra Handika ¹ , Happy Nursyam
10.30-11.00	COFFEE
Parallel Session 5: Fish Processing, Trade, and Value-addition	
Chair: Encarnacion Emilia S. Yap	
11.00-11.20	CAN A DIGITAL MARKETING PLATFORM VALORIZE THE PHILIPPINE SARDINE INDUSTRY? Encarnacion Emilia Yap*
11.20-11.40	CHARACTERIZATION OF CHITOSAN BASED FILM AND ITS APPLICATION ON <i>LITOPANAEUS VANNAMEI</i> PRESERVATION Karim, Nurul Ulfah* ; Satyarani, Raihanasywa; Wardani, Mutiara Alya+; Bakar, Kamariah; Abu Bakar, Nur Shafinaz; Pujiastuti, Dwi Yuli
11.40-12.00	CHEMICAL CHARACTERISTICS, ANTIOXIDANT ACTIVITY, AND CONSUMER ACCEPTANCE OF KOMBUCHA FROM <i>SARGASSUM CRISTAEFOLIUM</i> SEAWEED TEA Sri Lestari, Amir Husni*
12.00-12.20	IN VITRO, IN SILICO AND IN VIVO ANTIDIABETIC ACTIVITY OF <i>OCIMUM BASILICUM</i> INTERVENTION ON <i>SPIRULINA PLATENSIS</i> Agustini, Tri W* ; Dewi, Eko N.; Afifah, Diana N.; Susanto, E1; Yuliani
12.20-12.40	THE EFFECT OF <i>GRACILARIA</i> SP. EXTRACT AS AN ANTIBACTERIAL AGENT IN HAND SANITIZER GEL Renanda Rizky Putra, Lailatul Lutfiyah* , Dwitha Nirmala
13.00-13.30	LUNCH
Parallel Session 6: Fish Processing, Trade, and Value-addition	
Chair: Encarnacion Emilia S. Yap	
13.30-13.50	PREDICTIVE MODEL OF <i>KLEBSIELLA AEROGENES</i> E.1 AND <i>PSEUDOMONAS</i> SP. TN3 1.2 GROWTH ON YELLOWFIN TUNA FLESH MODEL IN A FUNCTION OF TEMPERATURE Indun Dewi Puspita*
13.50-14.10	THE ADDITION OF ANGKAK (RED FERMENTED RICE) EXTRACT AS A CHOCOLATE COLOR STABILIZER FOR <i>ARTHROSPIRA PLATENSIS</i> CHOCOLATE ICE CREAM INCREASES CONSUMER PREFERENCE Resa A. Salindri; Nurfitri Ekantari*
14.10-14.30	CAROTENOIDS MICROEMULSION OF <i>ARTHROSPIRA PLATENSIS</i> AS AN INHIBITION OF PHOTOOXIDATIVE DAMAGE IN GELATO DURING STORAGE Siti Ari Budhiyanti*
14.30-14.50	OPTIMIZATION OF THE MECHANICAL PROPERTIES OF SEAWEED-BASED BIOPLASTIC USING RESPONSE SURFACE METHODOLOGY Jhoanna Faye P. Jacinto* , Lhumen A. Tejano, Leonilo F. Endoma Jr., Encarnacion Emilia S. Yap
14.50-15.10	CHARACTERISTICS OF <i>PANGASIUS</i> SP. SKIN GELATIN-BASED EDIBLE FILM ENRICHED WITH SILVER NANOPARTICLES Rahmi Nurdiani, Asep* , A Prihanto, M. Firdaus, Faridatul. N. Aini, Fajrin. A. Nabilah, Rosnita A. Talib, Nurul Huda
15.10-15.30	COFFEE

Parallel Session 7: Fish Processing, Trade, and Value-addition

Chair: Encarnacion Emilia S. Yap

15.30-15.50	THE EFFECT OF MALTODEXTRIN ON THE QUALITY OF FLAVOUR POWDER FROM FISH HEAD BOILED WATER OF BIGEYE TUNA <i>Tifani, R. Arini; Mustav, A. Wulandari; Pujiastuti, Dwi Yuli*; Patmawati.</i>
15.50-16.10	ANTIBACTERIAL ACTIVITY OF <i>SARGASSUM HYSTRIX</i> ETHANOLIC EXTRACT AND IT'S EFFECT ON RED TILAPIA FILLET SHELF LIFE AT COLD TEMPERATURES Kristiani, T. A. Dea* ; Husni, Amir
16.10-16.30	MEAT QUALITY OF SELECTED BIVALVE SHELLFISH DURING DEPURATION WITH DIFFERENT SUCROSE CONCENTRATIONS Mueda, Rose T* , Naqita, Janice S., Santacera, Pearl Aljean S.
16.30-16.50	ASSESSING FLESH QUALITY AND NUTRITIONAL CHARACTERISTICS IN WILD AND CULTURED NILE TILAPIA (<i>OREOCHROMIS NILOTICUS</i>): A COMPARATIVE STUDY Rafidah O* , Fui CF, Mohd Fareed A, Perticia ES, Mazlan N and Azhar K
16.50-17.10	EFFECT OF DRYING TIME TO THE SENSORY QUALITIES OF DRIED BALI SARDINES <i>SARDINELLA LEMURU</i> INFUSED WITH HERBS AND SPICES Silvano, Brandon Briggs C* ; Alibangbang, Maria Dulce L.



ORAL PRESENTATION AT VENUE: TANYABURI 2

DAY 1 : 22 November 2023 (WEDNESDAY)	
Parallel Session 1 : Fisheries Resources, Technology, and Management	
Chair: Suriyan Tunkijjanukij	
11.00-11.20	STATUS OF TRASH FISH ORIGINATING FROM TRAWL FISHERIES IN THE GULF OF THAILAND <i>Jeeratorn Yuttharax*</i> , Pavarot Noranarttragoon, Weerapol Thitipongtrakul, Chonlada Meeanan, Matsuishi Takashi Fritz
11.20-11.40	FACTORS AFFECTING COMPLIANCE TOWARD REGULATION ON LOBSTER FISHERIES IN SOUTHERN COAST OF JAVA INDONESIA <i>Annes Dwi Jayanti; Suadi*</i> ; Riza Y. Setiawan; Indah Istiqomah
11.40-12.00	ANALYSIS OF THE VALUE AND EFFICIENCY OF MARINE TOURISM IN THE GILI KETAPANG CONSERVATION AREA, PROBOLINGGO DISTRICT <i>Erlinda Indrayani*</i> , Edi Susilo, Jumanah, Fania Rahma, Umrotul Yaumil Fitri
12.00-12.20	CHANGES IN TROPICAL TUNA ABUNDANCES AND FORAGE COMMUNITY CHARACTERISTICS AFFECTED BY CLIMATE VARIATION IN THE WESTERN INDIAN OCEAN <i>Ting-Yu, Liang*</i> , Yan-Lun Wu, Kuo-Wei, Lan, Muhamad Naimullah
12.20-12.40	THE ROLE OF SELECTIVE FISHING IN INCREASING THE SUSTAINABILITY OF MACKEREL (<i>SCOMBEROMORUS</i> SP) IN KEPULAUAN RIAU WATERS <i>T Ersti Yulika Sari*</i> , Muhammad Fajar Fajri Fardillah, Agus Suherman
12.40-13.30	LUNCH
Parallel Session 2 : Fisheries Resources, Technology, and Management	
Chair: Takashi Fritz Matsuishi	
13.30-13.50	POTENTIAL DISTRIBUTION AREA OF GREEN MUSSEL <i>PERNA VIRIDIS</i> AND WHITE SCAR OYSTER <i>CRASSOSTREA BELCHERI</i> IN PATTANI BAY, THAILAND <i>Supat, Khongpuang*</i> ; Sarawuth, Chesoh; Somporn, Chuai-aree; Jitima, Suwanmala
13.50-14.10	INVESTIGATING CATCH COMPOSITION IN ILOILO RIVER ESTUARY: IMPLICATIONS ON ESTUARINE HEALTH AND SPECIES INVASION <i>Precious Nikola B*</i> . Gaurana, Sheila Mae Santander-de Leon, Harold M. Monteclaro, Liberty Napilan-Espectato
14.10-14.30	APPLICABILITY OF RIVERINE GIANT FRESHWATER PRAWN <i>MACROBRACHIUM ROSENBERGII</i> TO DEVELOP CULTURE-BASED FISHERIES IN RESERVOIRS OF SRI LANKA <i>Jayasinghe, Asanka*</i> ; Yomal, G.A.T.K.; Sanuja, R.G.; Deepananda, K.H.M.A.
14.30-14.50	MONITORING OF FRESHWATER FISH IN SEMPOR RIVER, YOGYAKARTA, INDONESIA <i>Tony Budi Satriyo*</i> , M. Rifki Al Mahendra
14.50-15.10	SPECIES COMPOSITION, ABUNDANCE AND SPATIAL DISTRIBUTION OF PLANKTON, LITTORAL PLANTS AND AQUATIC INSECTS IN MOUNT PINATUBO CRATER LAKE, CENTRAL LUZON, PHILIPPINES <i>Mark Joseph R. Rafael*</i> , Jennie B. Fernandez, Paloma D. De Chavez, Miguel D. Visca Jr., Dennis A. Mateo

15.10-15.30	COFFEE
Parallel Session 3: Fisheries Resources, Technology, and Management	
<i>Chair: Sukree Hajisamae</i>	
15.30-15.50	SOCIOECONOMIC OF SMALL-SCALE FISHERIES RESOURCES BASED ON SELECTED FISHING <i>Atikah Nurhayati*</i> , Nora Akbarsyah , Asep Agus Handaka Suryana , Wahyuniar Pamungkas , Titin Herawati
15.50-16.10	SOCIAL-ECOLOGICAL MISMATCH: EXPLORING THE INVOLVEMENT OF LOCAL GOVERNMENT IN INDONESIA'S MOST AFFLUENT COMMUNITY-CENTRIC FISHERIES DISTRICT <i>Mukti Aprian*</i> , Luky Adrianto, Mennofatria Boer, Fery Kurniawan
16.10-16.30	ETHICS OF MORALITY OF THE SASAK COMMUNITY IN RICE FIELDS AND COASTAL SASAK IN RELATION TO STUNTING CASES IN EAST LOMBOK, NTB <i>Adriana Monica Sahidu*</i>
16.30-16.50	FINANCIAL LITERACY TO BUILD AN ECONOMIC RESILIENCE FOR INDONESIAN SMALL SCALE FISHERIES <i>Nora Akbarsyah*</i> , Atikah Nurhayati, Wahyuniar Pamungkas, Asep Agus Handaka Suryana
16.50-17.10	COASTAL WOMEN'S ECONOMIC PARTICIPATION: A SYSTEMATIC-BASED REVIEW OF GENDER IN AQUACULTURE AND FISHERIES <i>Endah Prihatiningtyastuti*</i>
DAY 2 : 23 November 2023 (THURSDAY)	
Parallel session 4: Fisheries Resources, Technology, and Management	
<i>Chair: Sukree Hajisamae</i>	
09.00-09.20	Keynote presentation MARINE FISHERIES IN BAY OF BENGAL REGION: STATUS, CHALLENGES AND OPPORTUNITIES <i>Krishnan P*</i> .
09.20-09.40	THE FIRST RECORD OF SEABASS PEACOCK (<i>CICHLA OCELLARIS</i>) FROM THE GEDOG RIVER IN YOGYAKARTA, INDONESIA REVEALED BY DNA BARCODING <i>Sapto Andriyono*</i> , Himawan Akhmad, Edi Santoso, Md. Jobaidul Alam, Wahyu Isoni, Nina Nurmalia Dewi, Lailatul Lutfiyah, Suciyono
09.40-10.00	TWO NOVEL DOTHIDEOMYCETOUS TAXA FROM MARINE HABITATS IN THAILAND: <i>CONIOTHYRIOIDES THAILANDICA</i> GEN. ET SP. NOV. AND <i>PARAHELICOMYCES DICTYOSPORUS</i> SP. NOV. <i>Mark Calabon*</i>
10.00-10.20	ESTIMATION OF SPATIOTEMPORAL DISTRIBUTION OF FISH AND FISHING GROUNDS FROM SURVEILLANCE INFORMATION USING MACHINE LEARNING: THE CASE OF SHORT MACKEREL (<i>RASTRELLIGER BRACHYSOMA</i>) IN THE ANDAMAN SEA <i>Chonlada Meeanan*</i> , Pavarot Noranartragoon, Piyachoke Sinanun, Takahashi Yuki, Methee Kaewnern, Matsuishi Takashi Fritz

10.20-10.40	PREDICTION MODEL OF YELLOWFIN TUNA (THUNNUS ALBACARES) DISTRIBUTION USING OCEANOGRAPHIC AND CATCH DATA IN THE SOUTHERN WATERS OFF JAVA ISLAND <i>Semedi, Bambang*</i> ; Yamindago, Ade; As'adi, M. Arif; Saputra, Dhira Khurniawan; Dewi, Citra Satrya Utama; Rijal, Seftiawan Samsu; Aliviyanti, Dian1; Setyawan, Fahreza Okta; Diza, Novia Fara
10.30-11.00	COFFEE
Parallel session 5: Fisheries Resources, Technology, and Management	
Chair: Mohd Fazhan Bin Mohd Hanafiah	
11.00-11.20	A NOVEL LENGTH-BASED REFERENCE POINT FOR ROBUST OPTIMIZATION OF YIELDS IN DATA-POOR FISHERIES MANAGEMENT <i>Kanno Hayato*</i> , matsuishii Takashi Fritz
11.20-11.40	APPLYING A LENGTH-BASED METHOD FOR STOCK ASSESSMENT OF DATA-LIMITED ENCRASICHOLINA SPECIES (<i>ENCRASICHOLINA DEVISI</i> AND <i>E. PUNCTIFER</i>) OF THE TANZANIAN COASTAL MARINE WATERS <i>Changoma, Fransis M.*</i> ; Matsuishii, Takashi F.
11.40-12.00	MORPHOMETRIC OTOLITH BIGEYE SCAD IN THE SOUTHERN COASTAL OF YOGYAKARTA SPECIAL TERRITORY INDONESIA <i>Djumanto*</i>
12.00-12.20	<i>SCYLLA SERRATA</i> (FORSSKAL, 1755) IN BISLIG BAY, PHILIPPINES: DESCRIBING ASYMMETRY IN THE SHAPE OF ITS ABDOMEN <i>Castrence-Gonzales, Ruby*</i> ; Gorospe, Jessie G.; Vicente, Helen J.; Roa, Elnor C; Demayo, Cesar A.; Torres, Mark Anthony J.; Gonzales, Daniel D.
12.20-12.40	FISHERIES BIOLOGY OF <i>PORTUNUS PELAGICUS</i> IN COASTAL FISHERIES AND THE CATCH SELECTIVITY OF ESCAPE DEVICES USING CRAB TRAPS IN TAIWAN <i>Wei-Yu Lee Kuo-Wei Lan*</i> , Wen-He Kao, MuhamadNaimullah, Mhd Ikhwanuddin, Khor Waiho, Hanafiah Fazhan, Sukree Hajisamae
13.00-13.30	LUNCH
Parallel Session 6: Fisheries Resources, Technology and Management	
Chair: Shumpei lehata	
13.30-13.50	Y-ORGANS IN ORANGE MUD CRAB <i>SCYLLA OLIVACEA</i> <i>Muhammad Achdiat, Yushinta Fujaya, Hanafiah Fazhan, Khor Waiho*</i>
13.50-14.10	REPRODUCTIVE BIOLOGY OF GOLDEN SNAPPER <i>LUTJANUS JOHNI</i> (BLOCH, 1792) FROM TERENGGANU WATERS OF SOUTH CHINA SEA, MALAYSIA <i>Ahasan Habib*</i> , Md. Moshiur Rahma, Nur Asma Ariffin, Seah Ying Giat, Tun Nurul Aimi Mat Jaafar, Hassan Ibrahi
14.10-14.30	INTRASPECIFIC PHENOTYPIC PLASTICITY OF HERMAPRHODITE FISH <i>ELEUTHERONEMA TERADACTYLUM</i> FROM COASTAL WATERS OF THAILAND <i>Teuku Haris Iqbal*</i> , Sukree Hajisamae, Apiradee Lim, Wen-Xiong Wang, Karl W. K. Tsim
14.30-14.50	ASYNCHRONOUS FLUCTUATION PATTERNS OF TUNA POPULATION AND MARINE ECOSYSTEMS EFFECTED BY THE CLIMATE CHANGE IN THE PACIFIC OCEAN <i>Kuo-Wei Lan*</i> , Yan-Lun Wu, Ting-Yu Liang and Lu-Chi Chen

14.50-15.10	UTILIZING BOOTSTRAPPING ON LENGTH DATA FOR IMPROVED YELLOWFIN TUNA <i>THUNNUS ALBACARES</i> RESOURCE MANAGEMENT IN INDONESIA Wiwiet Teguh Taufani* , Matsuishi Takashi Fritz
15.10-15.30	COFFEE
Parallel Session 7: Special Session - Seaweed Value Chain	
Chairs: Mustafa and Emienour-Muzalina	
15.30-15.50	CHARACTERIZATION OF SEAWEED AGAR WASTE FROM <i>GRACILARIA EDULIS</i> Tadeo, Faith S.; Tadeo, Andie John D* ; Velasco, Ravelina R.
15.50-16.10	PHOTOSYNTHESIS PROFILES OF FARM-SOURCED CARRAGEENOPHYTES <i>KAPPAPHYCUS ALVAREZII</i> AND <i>EUCHEUMA DENTICULATUM</i> TREATED WITH ASCOPHYLLUM MARINE PLANT EXTRACT POWDER (AMPEP) Iris Ann Borlongan* , Hazel Coleen Gaya, Gregory Nishihara, Ryuta Terada
16.10-16.30	SEAWEED LIQUID EXTRACT FROM <i>ULVA</i> SPP IMPROVED THE GROWTH AND CHLOROPHYLL-A CONTENT OF <i>EUCHEUMA DENTICULATUM</i> IN TISSUE CULTURE Leannah Andrea Toroy* ; Iris Ann Borlongan; Obi Roco
16.30-16.50	THE BROWN SEAWEED <i>SARGASSUM POLYCYSTUM</i> FROM BONE BAY SOUTH SULAWESI WATER: ANALYSIS OF PROXIMATE, MINERAL, AMINO ACID, AND FATTY ACID COMPOSITIONS Kasmiati Kasmiati* , Afifa Anas, Syahrul Syahrul, Nursinah Amir, Metusalach Metusalach
16.50-17.10	PAKCOY (<i>BRASSICA RAPA</i>) CROP GROWTH STIMULATED WITH <i>GRACILARIA</i> SP. LIQUID ORGANIC FERTILIZER FERMENTED BY VARIOUS STARTERS Eko Nurcahya Dewi* , Aulia Rahmawati Tsaniya, Lukita Purnamayati

