



UMS
UNIVERSITI MALAYSIA SABAH

VICOMSA



2022



08 - 10 MARCH
2022



[Virtual]

International Conference on Marine Science & Aquaculture

"The Ocean We Want Towards Sustainable Development"

Co-organizers



UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERAKTI

UNIMAS
UNIVERSITI MALAYSIA SARAWAK



Graduate School of
Integrated Sciences for Life
Hiroshima University



MSMS
Malaysian Society of Marine Sciences
Persatuan Sains Lautan Malaysia

KINDAI
UNIVERSITY



汕頭大學
SHANTOU UNIVERSITY



國立臺灣海洋大學
National Taiwan Ocean University



MABIK
NATIONAL MARINE BIODIVERSITY INSTITUTE OF KOREA

CONFERENCE PROGRAMME AT A GLANCE

DAY 1: 8 MAC 2022 (TUESDAY)			
0830-0900	Entrance of the Participant		
0900-0930	OPENING CEREMONY		
0930-1015	KEYNOTE 1: Research Progress on Sex Determination and Differentiation of The Mud Crab (<i>Scylla paramamosain</i>) Speaker: Prof. Dr. Hongyu Ma (Shantou University)		
1015-1230	Session Break (Preparation)		
	Oral Session 1	Oral Session 2	Oral Session 3
	Marine Biodiversity and Conservation	Nutrition and Feed Technology	Marine Pollution and Ocean Health
1230-1330	LUNCH BREAK		
1330-1430	(Announcement/Others)		
	PLENARY 1: Marine Microorganisms and Their Bioremediation Potential Speaker: Dr. Pooja Shivanand (Universiti Brunei Darussalam)	PLENARY 2: Seagrass Monitoring and Transplanting for Assisted Recovery Speaker: Prof. Dr. Muta Harah Zakaria (Universiti Putra Malaysia)	
1430-1625	Session Break (Preparation/Announcement/Others)		
	Oral Session 4	Oral Session 5	Oral Session 6
	MSMS Special Session	PBAF Special Session	IOI Special Session
1625-1730	Session Break (Preparation/Announcement/Others)		
	Poster Session 1	Poster Session 2	Poster Session 3
	Marine Biodiversity and Conservation	Nutrition and Feed Technology & Seafood Safety and Security	Marine Biodiversity and Conservation, Marine Pollution and Ocean Health, Climate Change: Mitigation and Adaptation, Remote Sensing and Coastal Oceanography
FINAL ANNOUNCEMENT AND END OF DAY 1			

DAY 2: 9 MAC 2022 (WEDNESDAY)			
0815-0830	(Preparation/Announcement/Others)		
0830-0915	KEYNOTE 2: How to Manage Coastal and Marine Resources After Pandemic Speaker: Dr. Yudi Nurul Ihsan (Universitas Padjadjaran)		
0915-1110	Session Break (Preparation/Announcement/Others)		
	Oral Session 7	Oral Session 8	Oral Session 9
	Marine Biodiversity and Conservation	Aquaculture & Fisheries	Climate Change: Mitigation and Adaptation, Citizen Science, Awareness and Education, Blue Economy of Coastal Community
1110-1240	Session Break (Announcement/10 Min break)		
	Oral Session 10	Oral Session 11	Oral Session 12
	Marine Biodiversity and Conservation	Aquaculture & Fisheries	Aquaculture & Fisheries
1240-1330	LUNCH BREAK		
1330-1345	(Preparation/Announcement/Others)		
1345-1430	PLENARY 3: Love: Driving Partnerships for The Ocean We Want Speaker: Dr. Aazani Mujahid (Universiti Malaysia Sarawak)		
1430-1625	Session Break (Preparation/Announcement/Others)		
	Oral Session 13	Oral Session 14	Oral Session 15
	Marine Biodiversity and Conservation	CTC Special Session	Aquaculture & Fisheries
1625-1730	Session Break (Preparation/Announcement/Others)		
	Poster Session 4	Poster Session 5	Poster Session 6
	Marine Biodiversity and Conservation	Aquaculture Diseases and Health Management	Aquaculture & Fisheries
FINAL ANNOUNCEMENT AND END OF DAY 2			

DAY 3: 10 MAC 2022 (THURSDAY)			
0815-0830	(Preparation/Announcement/Others)		
0830-0915	KEYNOTE 3: Global Spread of Aquatic Parasites Via Aquaculture, Aquarium and Game Fishing Speaker: Prof. Dr. Susumu Ohtsuka (Hiroshima University)		
0915-1110	Session Break (Preparation/Announcement/Others)		
	Oral Session 16	Oral Session 17	Oral Session 18
	Marine Pollution and Ocean Health	Aquaculture Diseases and Health Management	Aquaculture & Fisheries
1110-1240	Session Break (Announcement/10 Min break)		
	Oral Session 19	Oral Session 20	Oral Session 21
	Marine Pollution and Ocean Health	Aquaculture Diseases and Health Management	Aquaculture & Fisheries
1240-1330	LUNCH BREAK		
1330-1345	Session Break (Preparation/Announcement/Others)		
1345-1430	PLENARY 4: Blue Revolution in Tuna Aquaculture – Full Cycle Culture Technology of Pacific Bluefin Tuna – Activities so Far, at Present, in the Future Speaker: Prof. Dr. Yoshifumi Sawada (Kindai University)		
1430-1625	Session Break (Preparation/Announcement/Others)		
	Oral Session 22	Oral Session 23	Oral Session 24
	Remote Sensing and Coastal Oceanography	Aquaculture Diseases and Health Management	Aquaculture & Fisheries, Seafood Safety and Security
1625-1700	AWARD AND CLOSING CEREMONY		

vICOMSA 2022 SCIENTIFIC SESSION

DAY 1: 8 MAC 2022 (TUESDAY)			
0930-1015	KEYNOTE 1: Research Progress on Sex Determination and Differentiation of The Mud Crab (<i>Scylla paramamosain</i>) Speaker: Prof. Dr. Hongyu Ma (Shantou University) Chairperson: Assoc. Prof. Ts. Dr. Sitti Raehanah Muhamad Shaleh		
1015-1230	Oral Session 1	Oral Session 2	Oral Session 3
	Chairperson: Dr. John Madin OMBC-1 OMBC-2 OMBC-3 OMBC-4 OMBC-5 OMBC-6	Chairperson: Prof. Dr. Rossita Shapawi ONFT-1 ONFT-2 ONFT-3 ONFT-4 ONFT-5 ONFT-6	Chairperson: Assoc. Prof. Dr. Abentin Estim OMPOH-1 OMPOH-2 OMPOH-3 OMPOH-4 OMPOH-5 OMPOH-6
1230-1330	LUNCH BREAK		
1330-1430	PLENARY 1: Marine Microorganisms and Their Bioremediation Potential Speaker: Dr. Pooja Shivanand (Universiti Brunei Darussalam) Chairperson: Assoc. Prof. Dr. Julian Ransangan		PLENARY 2: Seagrass Monitoring and Transplanting for Assisted Recovery Speaker: Prof. Dr. Muta Harah Zakaria (Universiti Putra Malaysia) Chairperson: Assoc. Prof. Dr. B Mabel Manjaji Matsumoto
1430-1625	Oral Session 4	Oral Session 5	Oral Session 6
	Chairperson: Dr. Aazani Mujahid MSMS-1 MSMS-2 MSMS-3 MSMS-4 MSMS-5	Chairperson: Dr. Mohammad Tamrin bin Mohamad Lal PBAF-1 PBAF-2 PBAF-3 PBAF-4 PBAF-5	Chairperson: Ms. Antonella Vassallo IOI-1 IOI-2 IOI-3 IOI-4 IOI-5
1625-1730	Poster Session 1	Poster Session 2	Poster Session 3
	Chairperson: Dr. John Madin PMBC-1 PMBC-2 PMBC-3 PMBC-4 PMBC-5 PMBC-6 PMBC-7 PMBC-8 PMBC-9 PMBC-10	Chairperson: Dr. Audrey Daning Tuzan PNFT-1 PNFT-2 PNFT-3 PNFT-4 PNFT-5 PNFT-6 PSSS-1 PSSS-2 PSSS-3	Chairperson: Dr. Zarinah Waheed PCCMA-1 PMPOH-1 PMPOH-2 PMPOH-3 PRSCO-1 PRSCO-2 PRSCO-3 PRSCO-4 PRSCO-5
FINAL ANNOUNCEMENT AND END OF DAY 1			

DAY 2: 9 MAC 2022 (WEDNESDAY)			
0830-0915	KEYNOTE 2: How to Manage Coastal and Marine Resources After Pandemic Speaker: Dr. Yudi Nurul Ihsan (Universitas Padjadjaran) Chairperson: Assoc. Prof. Dr. Ejria Saleh		
0915-1110	Oral Session 7	Oral Session 8	Oral Session 9
	Chairperson: Dr. Zarinah Waheed OMBC-7 OMBC-8 OMBC-9 OMBC-10 OMBC-11	Chairperson: Dr. Nazia Abdul Kadar OAF-1 OAF-2 OAF-3 OAF-4 OAF-5	Chairperson: Assoc. Prof. Dr. Teruaki Yoshida OBECC-1 OCSAE-1 OCCMA-1 OCCMA-2 OCCMA-3
1110-1240	Oral Session 10	Oral Session 11	Oral Session 12
	Chairperson: Mr. Muhammad Ali Syed Hussein OMBC-12 OMBC-13 OMBC-14 OMBC-15	Chairperson: Dr. Fikri Akmal Khodzori OAF-6 OAF-7 OAF-8 OAF-9	Chairperson: Dr. Norfazreena Mohd Faudzi OAF-10 OAF-11 OAF-12 OAF-13
1240-1330	LUNCH BREAK		
1345-1430	PLENARY 3: Love: Driving Partnerships For The Ocean We Want Speaker: Dr. Aazani Mughid (Universiti Malaysia Sarawak) Chairperson: Assoc. Prof. Dr. Teruaki Yoshida		
1430-1625	Oral Session 13	Oral Session 14	Oral Session 15
	Chairperson: Dr. Pushpa M. Palaniappan OMBC-16 OMBC-17 OMBC-18 OMBC-19 OMBC-20	Chairperson: Dr. Lim Leong Seng CTC-1 CTC-2 CTC-3 CTC-4 CTC-5	Chairperson: Assoc. Prof. Dr. Annita Yong Seok Kian OAF-14 OAF-15 OAF-16 OAF-17 OAF-18
1625-1730	Poster Session 4	Poster Session 5	Poster Session 6
	Chairperson: Mr. Muhammad Ali Syed Hussein PMBC-11 PMBC-12 PMBC-13 PMBC-14 PMBC-15 PMBC-16 PMBC-17 PMBC-18 PMBC-19 PMBC-20	Chairperson: Dr. Muhammad Dawood Shah PADHM-1 PADHM-2 PADHM-3 PADHM-4 PADHM-5 PADHM-6 PADHM-7	Chairperson: Dr. Chong Wei Sheng PAF-1 PAF-2 PAF-3 PAF-4 PAF-5 PAF-6 PAF-7 PAF-8 PAF-9 PAF-10 PAF-11
FINAL ANNOUNCEMENT AND END OF DAY 2			

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	Chairperson: Dr. Nurzafirah Binti Mazlan OMPOH-7 OMPOH-8 OMPOH-9 OMPOH-10 OMPOH-11	Chairperson: Dr. Rafidah Binti Othman OADHM-1 OADHM-2 OADHM-3 OADHM-4 OADHM-5	Chairperson: Dr. Sujjat Al-Azad OAF-19 OAF-20 OAF-21 OAF-22 OAF-23
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1430-1625	Oral Session 22	Oral Session 23	Oral Session 24
	Chairperson: Dr. Madihah Jafar Sidik ORSCO-1 ORSCO-2 ORSCO-3 ORSCO-4 ORSCO-5	Chairperson: Assoc. Prof. Dr. Balu Alagar Venmathi Maran OADHM-10 OADHM-11 OADHM-12 OADHM-13 OADHM-14	Chairperson: Wahidatul Husna Zuldin OAF-28 OSSS-1 OSSS-2 OSSS-3 OSSS-4
1625-1700	AWARD AND CLOSING CEREMONY		

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PROGRAMME

**ORAL PRESENTATION
(SESSION 1-6)**

08TH MARCH 2022

DAY 1 (8TH MARCH 2022)**ORAL SESSION 1: MARINE BIODIVERSITY AND CONSERVATIONS**

Time	Code	Presenter	Title
1030-1045	OMBC-1	Hoang Dinh Chieu	The Remarkable Results of Marine Biodiversity and Conservation in Vietnam from 2010 – 2020
1045-1100	OMBC-2	Jinwook Back	Introduction Of Taxonomic Research Trends in Korea: Focus on Harpacticoids
1100-1115	OMBC-3	Saleem Mustafa	Marine Biodiversity And Climate Change – Perils Of Managing In Silos, And Imperatives For Blending Multidimensional Approaches For 'The Ocean We Want ' By 2030
1115-1130	OMBC-4	Syazana Jeffry	A Small Mangrove Island of Port Dickson, Negeri Sembilan
1130-1145	OMBC-5	Mohd Fikri Akmal Mohd Khodzori	Coral Community Structure in Tioman Island Marine Park, Malaysia
1145-1200	OMBC-6	B Mabel Manjaji Matsumoto	Whale Sharks in Malaysia: What We Know
1200-1230	DISCUSSION (Question and Answer)		

DAY 1 (8TH MARCH 2022)**ORAL SESSION 2: NUTRITION AND FEED TECHNOLOGY**

Time	Code	Presenter	Title
1030-1045	ONFT-1	Christian Larbi Ayisi	Effects Of Dietary Probiotic Supplementation (<i>Bacillus subtilis</i> 200 And <i>Saccharomyces cerevisiae</i>) on Growth, Feed Utilization and Proximate Composition of African Bony Tongue (<i>Heterotis niloticus</i>)
1045-1100	ONFT-2	Muhammad Abduh Bin Yazed	Effects Of Dietary Lipid Levels on Gonad Development and Maturation of Female Malaysian Mahseer (<i>Tor tambroides</i>) in Captive Condition
1100-1115	ONFT-3	Ahmad Shahroom	The Effects of Egg-And Sea-Shells Powder as Natural Calcium Supplements in The Diets on Growth Performance, Molting Frequency, Survival Rate, and Body Composition of Juvenile Crayfish, <i>Cherax quadricarinatus</i>
1115-1130	ONFT-4	Hasniyati Binti Muin	Supplementation of Red Seaweed (<i>Gracilaria changii</i>) in Black Soldier Fly Larvae Based Feed Improved Growth and Feed Efficiency of Red Hybrid Tilapia
1130-1145	ONFT-5	Muhammad Shukri Bin Mohd Yusof	Potential of Fly Larva and Anchovy Process Waste Powder as Protein Source in Tilapia Fish Pellet.
1145-1200	ONFT-6	Dayang Nur Jazlyn Binti Abang Zamhari	Dietary Butyric Acid Supplementation in High Plant Protein Diets on Giant Grouper (<i>Epinephelus lanceolatus</i>) Juveniles
1200-1230	DISCUSSION (Question and Answer)		

DAY 1 (8TH MARCH 2022)**ORAL SESSION 3: MARINE POLLUTION AND OCEAN HEALTH**

Time	Code	Presenter	Title
1030-1045	OMPOH-1	Adiana Ghazali	The Geochemistry Exploration of Metals in Brunei Bay
1045-1100	OMPOH-2	Shellyn Prastisia Mberato	Study of Water Quality Level Using Diversity and Saprobic Indexes of Phytoplankton in Manado Bay, North Sulawesi
1100-1115	OMPOH-3	Jeszy Novianti Andakke	Characteristics of Macro and Meso Debris Along the Coast of Manado Bay, North Sulawesi, Indonesia
1115-1130	OMPOH-4	Dede Falahudin	Persistent Organic Pollutants in Mangrove Sediments From Bintan Island, Indonesia: Characteristics, Potential Sources, And Ecological Risk Assessment
1130-1145	OMPOH-5	Ong Meng Chuan	Heavy Metals Level in Oyster (<i>Crassostrea</i> spp.) of the South China Sea Region
1145-1200	OMPOH-6	Lavannia Ravikumar	Determination of Heavy Metals Concentration in Green-Lipped Mussels, <i>Perna viridis</i> (Linnaeus), From Straits of Johor
1200-1230	DISCUSSION (Question and Answer)		

DAY 1 (8TH MARCH 2022)**ORAL SESSION 4: SPECIAL SESSION – BEACONS OF HOPE:
SECURING OUR MARINE ECOSYSTEMS FOR A BRIGHTER FUTURE**

Time	Code	Presenter	Title
1445-1500	MSMS-1	Zarinah Waheed	Coral Reefs of Malaysia: Status and Trends
1500-1515	MSMS-2	Muhammad Ali Syed Hussein	Mangrove Forest Utilisation in Sabah
1515-1530	MSMS-3	Jillian Ooi	Splendor in the Seagrasslands of Mersing
1530-1545	MSMS-4	Irwan Isnain	Sipadan Island, Malaysia: An Important Sea Turtle Nesting and Foraging Grounds in The Celebes Sea
1545-1600	MSMS-5	Affendi Yang Amri	Knowing Malaysia's Important Marine Areas
1600-1625	DISCUSSION (Question and Answer)		

DAY 1 (8TH MARCH 2022)**ORAL SESSION 5: SPECIAL SESSION – PHYSIOLOGY AND
BEHAVIOUR IN AQUACULTURE AND FISHERIES**

Time	Code	Presenter	Title
1445-1500	PBAF-1	Lim Leong Seng	Sugars Are Potential Chemoattractant to Mud Crab, <i>Scylla tranquebarica</i> as Determined Behaviourally
1500-1515	PBAF-2	Karsoon Tan	Impacts of Severe Winter on Bivalve Aquaculture
1515-1530	PBAF-3	Tan Kian Ann	The Sex Reversal of Male <i>Macrobrachium rosenbergii</i> via siRNA Knockdown
1530-1545	PBAF-4	Liew Hon Jung	Climate Warming Induces Air-Breathing Fish Remodel Their Physiological Response and Social Courtship Differently
1545-1600	PBAF-5	ZhenHua Ma	Acute Acidification Stress Weakens The Head Kidney Immune Function of Juvenile <i>Lates calcarifer</i>
1600-1625	DISCUSSION (Question and Answer)		

DAY 1 (8TH MARCH 2022)**ORAL SESSION 6: SPECIAL SESSION – CHALLENGES OF
SUSTAINABLE BLUE ECONOMY
IN MARINE TRADE, SCIENCE AND AQUACULTURE**

Time	Code	Presenter	Title
1500-1505	Welcome and Introduction Awni Behnam, Honorary President, International Ocean Institute; Malta		
1505-1516	IOI-1	Alan Deidun	The Extraction of Bams (Biologically Active Molecules) From Aquaculture and Fishing Discards
1516-1527	IOI-2	Sirikan Prasertying	Perspective on Blue Economy Development Framework: Approaching Sustainable Economic Growth in Southeast Asia.
1527-1538	IOI-3	Elif Ozgur	The EU Project Results of the " <i>Climate Change Adaptation for the Sea and Coasts of Antalya</i> " with Special Emphasis on the Ocean Literacy for the Development of Blue Economy
1538-1549	IOI-4	Lamiaa Mohamedien	Impact of Marine pollution on Fisheries and Aquaculture, Another Challenge to Achieving a Sustainable Blue Economy
1549-1600	IOI-5	Cherdsak Virapat	Current Challenges of Sustainable Blue Economy in Aquaculture
1600-1610	DISCUSSION (Question and Answer)		

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PROGRAMME

**ORAL PRESENTATION
(SESSION 7-15)**

09TH MARCH 2022

DAY 2 (9TH MARCH 2022)**SESSION 7: MARINE BIODIVERSITY AND CONSERVATIONS**

Time	Code	Presenter	Title
0930-0945	OMBC-7	Roswati Md Amin	Bioluminescent Plankton, <i>Noctiluca scintillans</i> in Perak Coastal Water
0945-1000	OMBC-8	Sujjat Al Azad	Distribution Pattern of Dissolved Inorganic Nutrients and Phytoplankton Diversity in River Estuary, Kota Kinabalu, Sabah, Malaysia
1000-1015	OMBC-9	Yuki Hayami	Characterization of Microbial Community Associated With Marine Sponges in Karah Island, Peninsular Malaysia
1015-1030	OMBC-10	Nur Airie Bin Zainudin	Preliminary Observation on The Diatom Diversity Associated With The Decomposition of Partially Submerged Buried Cadaver
1030-1045	OMBC-11	Nurul Nur Farahin Binti Syed	Seagrass Vegetative Morphological Variability Related to Habitat Type and Water Depth
1045-1110	DISCUSSION (Question and Answer)		

DAY 2 (9TH MARCH 2022)**SESSION 8: AQUACULTURE AND FISHERIES**

Time	Code	Presenter	Title
0930-0945	OAF-1	Muhamad Naimullah	Unbaited Light-Emitting Diode Traps Performance for Catching Orange Mud Crabs
0945-1000	OAF-2	Kenneth Francis Rodrigues	Genetic Diversity of <i>Tor douronensis</i> Populations in Sabah: Implications for Aquaculture And Conservation
1000-1015	OAF-3	Teoh Chui Fen	Effects of Crystalline Amino Acids on Antennular Grooming Behavior in Slipper Lobster <i>Thenus orientalis</i>
1015-1030	OAF-4	Jia Ju Lee	Effects of Temperatures, Salinities and Diets on The Asexual Reproduction of Moon Jellyfish <i>Aurelia Aurita</i>
1030-1045	OAF-5	Nur Syafiqah Binti Mohamad Zul	Isolation and Characterization of Ten Microsatellite Markers in The Tri-Spine Horseshoe Crab (<i>Tachypleus Tridentatus</i>)
1045-1110	DISCUSSION (Question and Answer)		

DAY 2 (9TH MARCH 2022)**SESSION 9: CLIMATE CHANGE: MITIGATION AND ADAPTATION; CITIZEN SCIENCE, AWARENESS AND EDUCATION; BLUE ECONOMY OF COASTAL COMMUNITY**

Time	Code	Presenter	Title
0930-0945	OBECC-1	Covaci Brindusa	Mountain Lakes, as Support for Blue Economy and Agritourism. Evidence From the European Area
0945-1000	OCSAE-1	Sanen Marshall	Mengarang: The Bajau Laut Approach to Livelihood
1000-1015	OCCMA-1	Po-Yuan Hsiao	Impacts of Climate Change-Induced Environmental Fluctuations on The Structure of Summer Marine Ecosystems Around The Southwest Water of Taiwan
1015-1030	OCCMA-2	Nor Shairah Azura Binti Nazrrol	The Exploitation of Remote Sensing Data for Potential Fishing Zone in East Coast of Peninsular Malaysia During Southwest Monsoon
1030-1045	OCCMA-3	Fazliana binti Mustajap	Bathymetry Derivative Study of Coral Area (Karang Sela), Bidong Island, Terengganu From Sonar Technology
1045-1110	DISCUSSION (Question and Answer)		

DAY 2 (9TH MARCH 2022)**SESSION 10: MARINE BIODIVERSITY AND CONSERVATIONS**

Time	Code	Presenter	Title
1120-1135	OMBC-12	Juanita Joseph	Identification Of Foraging Grounds for Marine Turtles in Malaysia
1135-1150	OMBC-13	Jeethvendra Kirishnamoorthie	Photo Identification and Laser Photogrammetry to Determine Population Demographics Of Green Turtles (<i>Chelonia mydas</i>) in Eastern Sabah
1150-1205	OMBC-14	Tuan Emilia binti Tuan Mohd Noor	Metabolic Heating Event During Incubation Phase and Nest Escaping of Green Sea Turtle Hatchlings
1205-1220	OMBC-15	Mohammad Azuwan Bin Hassan	Density Of Saltwater Crocodile (<i>Crocodylus porosus</i>) Wild Population in Samarahan River Basin, Sarawak
1200-1230	DISCUSSION (Question and Answer)		

DAY 2 (9TH MARCH 2022)**SESSION 11: AQUACULTURE AND FISHERIES**

Time	Code	Presenter	Title
1120-1135	OAF-6	Raymie Bin Nurhasan	The Status of Selected Reef Fishes (Carangidae, Lutjanidae, Serranidae) Stocks in Tun Mustapha Park Analysed Using Swept Area Method
1135-1150	OAF-7	Effarina Bt Mohd Faizal Abdullah	Biological Characteristics of Kawakawa (<i>Euthynnus affinis</i>) in Perak Waters
1150-1205	OAF-8	Nur Hidayah Asgnari	Length - Weight Relationship and Condition Factor of a Dominant Species of Anchovies, <i>Encrasicholina heteroloba</i> in West Coast of Peninsular Malaysia
1205-1220	OAF-9	Muhammad Ikhlas Zabidi	Long-Term Patterns of Fish Landing in Response with ENSO Phenomena in Kota Kinabalu, Sabah, Malaysia
1200-1230	DISCUSSION (Question and Answer)		

DAY 2 (9TH MARCH 2022)**SESSION 12: AQUACULTURE AND FISHERIES**

Time	Code	Presenter	Title
1120-1135	OAF-10	Wei Qing Chloe Lung	Delayed Signs of UV-C Damage to <i>Chlorella</i> sp. Observed Through Fluorescent Staining
1135-1150	OAF-11	Wan Nurizzati Binti W Idris	Development of Sperm Cryopreservation Protocol for <i>Pangasius nasutus</i>
1150-1205	OAF-12	Nazirah Binti Mingu	Comparative Study of Drying Methods on Selected Seaweeds (<i>Kappaphycus</i> sp. and <i>Padina</i> sp.) Based on Their Phytochemical and Carrageenan Located in Sabah
1205-1220	OAF-13	Donald Torsabo	Effects of Smoking and Sun Drying on The Carcass Quality of <i>Oreochromis niloticus</i> (LINNAEUS, 1758)
1200-1230	DISCUSSION (Question and Answer)		

DAY 2 (9TH MARCH 2022)**SESSION 13: MARINE BIODIVERSITY AND CONSERVATIONS**

Time	Code	Presenter	Title
1445-1500	OMBC-16	Moongeun, Yoon	Genetic diversity of <i>Sesarmops intermedius</i> (Crustacea, Brachyura, Sesarmidae) in Korea inferred From Molecular Sequence Variation
1500-1515	OMBC-17	Aiman Amanina binti Amran	Nereididae (Annelida: Phyllodocida) of Intertidal of Buntal Beach.
1515-1530	OMBC-18	Md Yeakub Ali	Identification Keys of Marine Larval Fish of Straits of Malacca
1530-1545	OMBC-19	Hana Kim	Application of eDNA Metabarcoding for Identification of Polychaetes Species in Marine Benthic Community
1545-1600	OMBC-20	Dexter Miller Robben	Construction Of a Recombinant Plasmid pCAMBIA1303 Containing The SARS-COV-2 Nucleocapsid (N) Gene for The Transformation of <i>Chlorella</i> and Spirulina
1600-1625	DISCUSSION (Question and Answer)		

DAY 2 (9TH MARCH 2022)**SESSION 14: SPECIAL SESSION – CORE-TO-CORE PROGRAM: BUILDING UP RESEARCH NETWORK FOR SUCCESSFUL SEED PRODUCTION TECHNOLOGY LEADING SOUTH-EAST ASIAN REGION**

Time	Code	Presenter	Title
1445-1450	CTC-1	Motohiko Sano	Japan Society for the Promotion of Science (JSPS) Core-to-Core Program: Building Up Research Network for Successful Seed Production Technology Leading South-East Asian Region
1450-1505	CTC-2	Mohammad Tamrin Bin Mohamad Lal	First Report of Plant Fungal Pathogen <i>Zasmidium Musae</i> Associated With Moribund Eggs of Ornate Spiny Lobster (<i>Panulirus Ornatus</i>) in Sabah
1505-1520	CTC-3	Thao Duc Mai	Cultivation and Biochemical Composition of The Diatom <i>Chaetoceros muelleri</i> as a Live-Feed Stock for Shrimp Larval Culture in Vietnam
1520-1535	CTC-4	Leobert D. de la Peña	“OPLAN BALIK SUGPO” (Operation Plan for Black Tiger Prawn Revival) in The Philippines: Shrimp Health and Biosecurity Management in Hatchery and Grow-Out Operations
1535-1550	CTC-5	Desrina	Health assessment of Wild and Farmed Blood Cockles <i>Tegilarca granosa</i> in the North Coast of Central Java
1550-1625	DISCUSSION (Question and Answer)		

DAY 2 (9TH MARCH 2022)**SESSION 15: AQUACULTURE AND FISHERIES**

Time	Code	Presenter	Title
1445-1500	OAF-14	Yucheng Lu	ATP Synthase Subunit E is a Shrimp Growth-Associated Breeding Marker
1500-1515	OAF-15	Asra Nor Izaty Binti Aswadi	Banana Leaf <i>Musa acuminata</i> x <i>balbisiana</i> Extract Improved Siamese Fighting Fish <i>Betta splendens</i> Hatching Rate
1515-1530	OAF-16	Amirah Syafiqah Binti Mohd Zamri	Molecular Cloning and Characterization of Gonadotropin-Releasing Hormone (GnRH) Gene in <i>Pangasius nasutus</i>
1530-1545	OAF-17	Amin Safwan Bin Adnan	Histological and Biochemical Changes in The Orange Mud Crab (<i>Scylla olivacea</i>) at Different Ovarian Maturation Stages
1545-1600	OAF-18	Noordiyana Mat Noordin	Development of Broodstock Maturation Diets for Female Orange Mud Crab, <i>Scylla olivacea</i> (HERBST, 1796)
1600-1625	DISCUSSION (Question and Answer)		

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**ORAL PRESENTATION
(SESSION 16-24)**

10TH MARCH 2022

DAY 3 (10TH MARCH 2022)**SESSION 16: MARINE POLLUTION AND OCEAN HEALTH**

Time	Code	Presenter	Title
0930-0945	OMPOH-7	Yusuke Kondo	Seasonal Occurrence of Ctenophores and Their Parasites in The Seto Inland Sea, Japan
0945-1000	OMPOH-8	Sarini Binti Ahmad Wakid	Preliminary Studies on The Expression of Glutathione S-Transferase in <i>Geloina Expansa</i> .
1000-1015	OMPOH-9	Mariche Bandibas Natividad	Toxin-producing phytoplankton in Las Pinas-Paranaque Wetland Park and its surrounding waters (LPPWP)
1015-1030	OMPOH-10	Soo Chen Lin	Phycoremediation of Aquaculture Wastewater Using Alginate-Immobilized Microalgae
1030-1045	OMPOH-11	Fazsa Islamiati Machmud	Utilization of Diatom Silica Modified by Phenylacetic Acid For Polycyclic Aromatic Hydrocarbon (Pahs) Pollutants Adsorption
1045-1110	DISCUSSION (Question and Answer)		

DAY 3 (10TH MARCH 2022)**SESSION 17: AQUACULTURE DISEASES AND HEALTH MANAGEMENT**

Time	Code	Presenter	Title
0930-0945	OADHM-1	Nguyen Tan Phat	TLR23, a Fish-Specific TLR, Recruits MyD88 and TRIF to Activate Expression of a Range of Effectors in Melanomacrophages in Nile Tilapia (<i>Oreochromis niloticus</i>)
0945-1000	OADHM-2	Lau Lik Ming	An Evaluation of Fixation Methods: Application of Anti-Cd4 Antibodies Against Ginbuna Crucian Carp <i>Carassius auratus Langsdorfii</i>
1000-1015	OADHM-3	Fatin Khairah Haron	<i>In Vitro</i> Antiparasitic Efficacy of <i>Sargassum polycystum</i> and <i>Kappaphycus striatum</i> var. Green Flower Seaweed Extracts Against Marine Parasitic Leech <i>Zeylanicobdella arugamensis</i> With LC-QTOF Analysis
1015-1030	OADHM-4	Rosidah	Potential of Aloe Vera for Treatment of Infection With <i>Aeromonas hydrophila</i> Bacteria on Koi Fry
1030-1045	OADHM-5	Fajar Nurul Arifah	Antibacterial Activity Red Algae (<i>Gracilaria</i> Sp.) Extract to Against Pathogenic Bacteria in Aquaculture
1045-1110	DISCUSSION (Question and Answer)		

DAY 3 (10TH MARCH 2022)**SESSION 18: AQUACULTURE AND FISHERIES**

Time	Code	Presenter	Title
0930-0945	OAF-19	Sen Chan	Assessments of Color-Associated Traits in <i>Pseudodiaptomus annandalei</i> (Calanoida, Copepoda)
0945-1000	OAF-20	Nor Syahira Idayu binti Ismail	Feeding Dependency on Food Colour in Seahorse, <i>Hippocampus barbouri</i>
1000-1015	OAF-21	Hazeeqah Filzah Binti Kassim	Culturing of a Free-Living Marine Nematodes in a Laboratory Scale
1015-1030	OAF-22	Dian Yuni Pratiwi	Immunostimulant Activity of Macroalgae on Immune System of <i>Litopenaeus vannamei</i>
1030-1045	OAF-23	Danial Iman Haris B Nor Azman	Growth Performance of Post Larvae White Shrimp (<i>Litopenaeus vannamei</i>) Fed with Micro Feed Incorporated with Probiotic
1045-1110	DISCUSSION (Question and Answer)		

DAY 3 (10TH MARCH 2022)**SESSION 19: MARINE POLLUTION AND OCEAN HEALTH**

Time	Code	Presenter	Title
1120-1135	OMPOH-12	Wan Siti Mardhiah Binti W Johari	Microplastics in Rocky Oyster (<i>Saccostrea cucullata</i>) Along Shoreline of Pahang, Malaysia
1135-1150	OMPOH-13	Tang Chung Ngo	Bioavailability of Microplastics and Ingestion Incidence in Zooplankton in Sabah Coastal Waters
1150-1205	OMPOH-14	Nurzafirah Mazlan	Evaluation of Microplastics Isolated From Sea Cucumber <i>Acaudina molpadioides</i> in Pulau Langkawi, Malaysia
1205-1220	OMPOH-15	Alfinna Yebelanti	Patterns, Types, And Distributions of Macroplastic Debris Based on Oceanographic Conditions and Community Perspectives: Case Studies in Muara Gembong Downstream of Citarum
1200-1230	DISCUSSION (Question and Answer)		

DAY 3 (10TH MARCH 2022)**SESSION 20: AQUACULTURE DISEASES AND HEALTH MANAGEMENT**

Time	Code	Presenter	Title
1120-1135	OADHM-6	Yusuke Nishida	Parasitism of The Non-Indigenous Sea Louse <i>Caligus sclerotinosus</i> Among Wild and Farmed Red Sea Bream <i>Pagrus major</i> in The Seto Inland Sea, Japan
1135-1150	OADHM-7	Nanami Yumura	What Could Have Happened to The Evolution of The Highly Modified Fish Parasite Pennellidae: Implication of Evolutionary Trends Based On Molecular Analysis
1150-1205	OADHM-8	Panakkool Thamban Aneesh	Tropical Fish Parasitic Crustaceans: Parasitic Adaptations and Emerging Paradigms in Research
1205-1220	OADHM-9	Helna A K	A Taxonomic Review of the Copepod Family Chondracanthidae Milne Edwards, 1840(Copepoda: Poecilostomatoida) Parasitizing the Marine Fishes From Indian Waters
1200-1230	DISCUSSION (Question and Answer)		

DAY 3 (10TH MARCH 2022)**SESSION 21: AQUACULTURE AND FISHERIES**

Time	Code	Presenter	Title
1120-1135	OAF-24	Siti Amalia Aisyah Abdul Halim	Revisiting the Taxonomic Relationship Between <i>Pangasius nasutus</i> and <i>P. conchophilus</i> based on Cytochrome C Oxidase Subunit I (COI) GENE
1135-1150	OAF-25	Noorul Azliana Jamaludin	Mitochondrial Markers Revealed Highly Differentiated Lineages of Spotted Sardinella, <i>Amblygaster sirm</i> (Walbaum, 1792) in South China Sea and Andaman Sea
1150-1205	OAF-26	Nuralif Fakhrullah Bin Mohd Nur	High Connectivity of a Stable Population of <i>Carangoides malabaricus</i> in Malaysian Waters
1205-1220	OAF-27	Muhammad Hanif Bin Fadzli	Reproductive Aspects of The Coastal Trevally <i>Carangoides coeruleopinnatus</i> From Terengganu Waters, Malaysia
1200-1230	DISCUSSION (Question and Answer)		

DAY 3 (10TH MARCH 2022)**SESSION 22: MARINE POLLUTION AND OCEAN HEALTH; REMOTE SENSING
AND COASTAL OCEANOGRAPHY**

Time	Code	Presenter	Title
1445-1500	ORSCO-1	Soufiane Hasni	Environmental impact on the Spatio-temporal abundance and distribution of the European Sardine (<i>Sardina pilchardus</i> , Walbaum 1792) in the Southern Alboran Sea.
1500-1515	ORSCO-2	Muhammad Faqih Ahkam	Influence Carbon Dioxide Flux on Primary Productivity in The Java Sea Estimated From Satellite Measurements
1515-1530	ORSCO-3	Sheila Zallesa	Analysis of the Effect of Currents on the Distribution of Bottom Sediment in the Waters of Gili Terawangan Island, Lombok, West Nusa Tenggara
1530-1545	ORSCO-4	Chong Wei Sheng	Optimising The Screening Strategy in UAV Data Prior to Sun Glint Correction for Coral Classification Mapping
1545-1600	ORSCO-5	Ochtoryano Fadhylla	Marine Tourism Suitability Based on Oceanographic Parameters and Hazards Risk Assessment in Pelabuhan Ratu Bay, West Java, Indonesia
1600-1625	DISCUSSION (Question and Answer)		

DAY 3 (10TH MARCH 2022)**SESSION 23: AQUACULTURE DISEASES AND HEALTH MANAGEMENT**

Time	Code	Presenter	Title
1445-1500	OADHM-11	Low Chen Fei	In-Silico Modeling of Anti-Quorum Sensing DNA Aptamers
1500-1515	OADHM-12	Chin Yong Kit	Isolation and Screening of <i>Lactobacillus</i> sp. Against <i>Vibrio parahaemolyticus</i> as Causative Agent of Acute Hepatopancreatic Necrosis Disease (AHPND)
1515-1530	OADHM-13	Shafiq Johar	Screening and Evaluation of Potential Bacteria From <i>Pangasius nasutus</i> as Probiotics Against Pathogenic <i>Aeromonas hydrophila</i> and <i>Streptococcus agalactiae</i>
1530-1545	OADHM-14	Fittrie Meyllianawaty Pratiwy	Isolation and Selection Endophyte Bacteria Genus <i>Pseudomonas</i> Associated with <i>Sargassum</i> Sp. from Pantai Karapyak, Pangandaran District, Indonesia
1545-1600	OADHM-15	Eka Royani	The Potentiality of Bioactive Compounds and Endophytic Bacteria From Brown Algae as Antimicrobial in Aquaculture
1600-1625	DISCUSSION (Question and Answer)		

DAY 3 (10TH MARCH 2022)**SESSION 24: AQUACULTURE AND FISHERIES; SEAFOOD SAFETY AND SECURITY**

Time	Code	Presenter	Title
1445-1500	OAF-28	Mohd Kamel Wan Ibrahim	Underwater LED Illuminance in A Floating Buoyant for Marine Aquaculture Application
1500-1515	OSSS-1	Chong In Lio	Predictive Model for The Quality of White Shrimp Using Traditional Method Combined With Multispectral Image Technology Under Different Storage Temperatures
1515-1530	OSSS-2	Olumide Odeyemi	Microbiological Safety of Seafood Imported to The European Union From Southeast Asia
1530-1545	OSSS-3	Muhammad Dawood Shah	Therapeutical Potential and Nutraceutical Profiling of North Bornean Seaweeds
1545-1600	OSSS-4	Cheng-Quan Chen	The Effect of Thyme and Oregano Essential Oil for Preserving The Shelf Life of White Shrimp Under Low-Temperature Storage
1600-1625	DISCUSSION (Question and Answer)		

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**POSTER PRESENTATION
(SESSION 1-3)**

08TH MARCH 2022

DAY 1 (8TH MARCH 2022)**POSTER SESSION 1: MARINE BIODIVERSITY AND CONSERVATIONS**

Time	Code	Presenter	Title
1640-1645	PMBC-1	Kyeong Mi Kim	Complete Mitochondrial Genomes of Two <i>Sargassum</i> Species, <i>S. nigrifolium</i> and <i>S. yezoense</i> (Fucales, Phaeophyceae)
1645-1650	PMBC-2	Ihsan Hani binti Radzi	Morphology and Genetic Identification of <i>Thenus indicus</i> (Flathead Lobster) in Kota Kinabalu, Sabah
1650-1655	PMBC-3	Byung-Jin Lim	A New Species of The Genus <i>Thompsonopia</i> (Copepoda : Calanoida : Pseudocyclopiidae) From Malaysia
1655-1700	PMBC-4	Melissa Versteeg	<i>Heteractis magnifica</i> Population Assessments at Coral Reefs of Pulau Perhentian, Terengganu, Malaysia.
1700-1705	PMBC-5	Hye-Won Moon	Shallow-Water Black Corals (Anthozoa: Antipatharia) from Korea With Notes on <i>Myriopathes n. sp.</i>
1705-1710	PMBC-6	Amir Asyraf Bin Zainudin	Population Genetics of Wild <i>Pangasius nasutus</i> (Bleeker, 1863) Based on COI Marker Along Pahang River, Malaysia
1710-1715	PMBC-7	Parivaseni Ravichandran	Hermit Crabs in Southeast Asia: A Review on The Status and Trends of Hermit Crab Studies in Southeast Asian Countries
1715-1720	PMBC-8	Cheng-Ann Chen	Meiobenthos in the Hydrothermal Vent of Guishan Island, Taiwan
1720-1725	PMBC-9	Kee Dang Syaryn Kee Mohamad Yasin	Seagrass General Knowledge on Restoration Activities in Sabah
1725-1730	PMBC-10	Arvie Joy Manejar	The Impact of Urbanization on Fishing Communities in the Philippines

DAY 1 (8TH MARCH 2022)**POSTER SESSION 2: NUTRITION AND FEED TECHNOLOGY; SEAFOOD SAFETY AND SECURITY**

Time	Code	Presenter	Title
1640-1645	PNFT-1	Nurul Nadiah Binti MASrialah	Effects of Different Microalgal Diet on The Growth Population of Marine Harpacticoid Copepod <i>Amphiascoides neglectus</i>
1645-1650	PNFT-2	Chua Sing Ying	The Effect of Different Concentration of Probiotics (Lacto-sacc) Mixtures on Growth Performance and Feed Utilization of Empurau (Tor tambroides) Fingerlings
1650-1655	PNFT-3	Rossita Shapawi	Evaluation of Different Levels of Mineral in Anchovy By-Product-Based Diets on Growth Performance of Redclaw Crayfish, <i>Cherax quadricarinatus</i>
1655-1700	PNFT-4	Sitti Raehanah Muhamad Shaleh	Ingestion and Digestion of Diatom Flocs by Juvenile Sea Cucumber <i>Holothuria scabra</i> in Captivity
1700-1705	PNFT-5	Norfazreena Mohd Faudzi	Supplementation of Phytase in Defatted Soybean Meal Feeds in Hybrid Grouper, Tiger Grouper <i>Epinephelus Fuscoguttatus</i> X Giant Grouper <i>E. Lanceolatus</i> Juvenile
1705-1710	PNFT-6	Annita Seok Kian Yong	Utilization of Processed Fish Waste as Feed Alternative in Red Tilapia (<i>Oreochromis</i> sp.) diets
1710-1715	PSSS-1	Siti Nor Fatihah Zakaria	Crude B-Glucan Binding Protein Profiling of Hooded Oyster (<i>Saccostrea cucullata</i>)
1715-1720	PSSS-2	Choirul Anwar	Development and Quantitative Assessment of a High-Performance Liquid Chromatography Method for Determination Potential of Polyphenol in <i>Agardhiella subulate</i>
1720-1725	PSSS-3	Shigeharu Senoo	Amur Catfish (<i>Silurus asotus</i>): Aquaculture Potential and Challenges

DAY 1 (8TH MARCH 2022)**POSTER SESSION 3: MARINE BIODIVERSITY AND CONSERVATION; MARINE POLLUTION AND OCEAN HEALTH; CLIMATE CHANGE: MITIGATION AND ADAPTATION; REMOTE SENSING AND COASTAL OCEANOGRAPHY**

Time	Code	Presenter	Title
1640-1645	PCCMA-1	Elisa Rumpang	Ecosystem Carbon and Nitrogen on Tropical Peatlands
1645-1650	PMPOH-1	Héctor del Castillo	The Abandonment of End-Of-Life Tires (ELTS) on the Spanish Coast: Analysis of the Phenomenon and Identification of High Incidence Areas
1650-1655	PMPOH-2	Thivialosini Siva	Preliminary Data of Physicochemical Changes Associated with Decomposition of Partially Submerged Cadaver Buried at Different Depth in Mangrove Soil
1655-1700	PMPOH-3	Madihah Jafar-Sidik	The variation of environmental profiles during harmful algal bloom in Sepanggar Bay, Sabah, Malaysia
1700-1705	PRSCO-1	Muhammad Mazmirul Bin Abd. Rahman	Reliability of Shoreline Delineation Between Sentinel-2 and Landsat 8 Imagery in Determining Shoreline Evolution for DSAS Method: A Case Study in Pahang Coastline
1705-1710	PRSCO-2	Ashadi Arifin Nur	Numerical Model Around Small Island: Study Case of Kei Island, Indonesia
1710-1715	PRSCO-3	Indrawan Fadhil Pratyaksa	Calculating The Shifting of Mangrove Area Utilizing Satellite Data in Mundu, Cirebon
1715-1720	PRSCO-4	Rima Rachmayani	Indian Ocean's Sea Surface Temperature in The Simulated Freshwater Perturbation
1720-1725	PRSCO-5	Mochamad Riam Badriana	Vertical Distribution of Ocean Parameter in Nusa Dua, Bali, Coastal Area
1725-1730	PRSCO-6	Ashadi Arifin Nur	Biochemistry Parameter on Surface Seawater Around Small Island at Southeast Maluku, Indonesia

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PROGRAMME

**POSTER PRESENTATION
(SESSION 4-6)**

09TH MARCH 2022

DAY 2 (9TH MARCH 2022)**POSTER SESSION 4: MARINE BIODIVERSITY AND CONSERVATIONS**

Time	Code	Presenter	Title
1640-1645	PMBC-11	Hairul Masrini Muhamad	First Description of Biphonal Calls of Irrawaddy Dolphins (<i>Orcaella brevirostris</i>)
1645-1650	PMBC-12	Pushpa Palaniappan	Evidence of Boat Strike Injuries on Green Turtles <i>Chelonia mydas</i> at Mabul Island, Sabah, Malaysia
1650-1655	PMBC-13	Masaki Nawata	Hosts and Seasonal Occurrence of the Planktonic Sea-Louse <i>Caligus undulatus</i> in Japanese Waters
1655-1700	PMBC-14	Ami Shaumi	Fungal Communities Associated with Carapace and Gut of the Marine Crabs <i>Charybdis natator</i> and <i>Monomia haani</i> in Northern Taiwan
1700-1705	PMBC-15	Nur Shahira Bt Idrus	<i>Caulerpa</i> Species From Intertidal and Subtidal Areas
1705-1710	PMBC-16	Ejria Saleh	Occurrence and Distribution of Seagrasses at Northwest of Kudat, Sabah
1710-1715	PMBC-17	John Madin	Multi Type Marine Ecosystem and Biotic Community of a Small Bay in Tropical Waters
1715-1720	PMBC-18	Nazia Abdul Kadar	Sea Cucumber Species Distribution at West Coast of Sabah: A Preliminary Study
1720-1725	PMBC-19	Aimimuliani Adam	Abundance and Size Composition of Billfish By-Catch in Pahang Coastal Waters, Malaysia.
1725-1730	PMBC-20	Louise Matha George	The Diversity of Marine Mangrove of Taiwan

DAY 2 (9TH MARCH 2022)**POSTER SESSION 5: AQUACULTURE DISEASES AND HEALTH MANAGEMENT**

Time	Code	Presenter	Title
1640-1645	PADHM-1	Lein En Yao	<i>In-vitro</i> Isolation and Characterization of Potential Probiotic from Gastrointestinal Tract of Tropical Spiny Lobster <i>Panulirus ornatus</i> Suitable for Spiny Lobster Farming
1645-1650	PADHM-2	Sow Cyn Shieng	Evaluation of Biofilm Formation on Different Probiotics Bacteria for Giant Freshwater Prawn <i>Macrobrachium rosenbergii</i> Culture
1650-1655	PADHM-3	Muhammad Syafiq Aizat Bin Hamid	Assessment of Microalgae-Based Feed, <i>Chlorella vulgaris</i> as Immunostimulant for Red Hybrid Tilapia (<i>Oreochromis</i> sp.) on Growth, Histopathological Change and Disease Resistant
1655-1700	PADHM-4	Clara Edah Norman	Antiparasitic Potential of a Seaweed Against the Parasitic Leech <i>Zeylanicobdella arugamensis</i> (Hirudinea) in Marine Aquaculture
1700-1705	PADHM-5	Balu Alagar Venmathi Maran	A New Species of Parasitic Copepod <i>Nemesis</i> Risso, 1826 (Siphonostomatoida: Eudactylinidae) From the Gills of Coralcat Shark <i>Atelomycterus marmoratus</i> (Anonymous [Bennett], 1830) From Malaysia
1705-1710	PADHM-6	Rafidah Binti Othman	Effect of oral treatment of methyltestosterone (MT) on sex differentiation and growth in juvenile yellow perch (<i>Perca flavescens</i>)
1710-1715	PADHM-7	Md.Safiul Alam Bhuiyan	Optimization Assay for Detection of Avian Infectious Bronchitis Virus (IBV) Using an Electrochemical DNA Biosensor

DAY 2 (9TH MARCH 2022)**POSTER SESSION 6: AQUACULTURE AND FISHERIES**

Time	Code	Presenter	Title
1640-1645	PAF-1	Esraa E. Abouelmaaty	Induce Spawning and Larval Development of <i>Tripneustus gratilla</i> , Red Sea, Egypt
1645-1650	PAF-2	Fatin Nabilah Bt Mohamad Sahadan	Molecular Characterization and Phylogenetic Classification of GNRH Hormones in River Catfish <i>Hemibagrus nemurus</i>
1650-1655	PAF-3	Mohd Akmal Bin Sobari	Preliminary Investigation of Length-Weight, Length-Length Relationships, and Condition Factor of Four <i>Scombridae</i> Species in Kuala Perlis
1655-1700	PAF-4	Muhammad Amir Danial Bin Zahaludin	Field efficacy of an Inactivated <i>Vibrio harveyi</i> against Vibriosis in Cage-Cultured Asian Seabass, <i>Lates calcarifer</i>
1700-1705	PAF-5	Jamil Bin Musel	Length Frequency Distribution and Length-Weight Relationship of <i>Rastrelliger kanagurta</i> in Sarawak, Malaysia
1705-1710	PAF-6	Zaidnuddin Bin Ilias	Recent Observation on <i>Holothuria Scabra</i> Population And Maturity From Johor Straits
1710-1715	PAF-7	Teruaki Yoshida	Ingestion Rate of The Soft Coral <i>Palythoa</i> sp., Fed With <i>Artemia</i> Nauplii
1715-1720	PAF-8	Nur Fatihah Abd Halid	Grading Based on The Body Colouration of <i>Betta splendens</i> Variety Super Red Plakat
1720-1725	PAF-9	Ching Fui Fui	Recovery under Different Stocking Density of Stunted Growth Asian Seabass, <i>Lates calcarifer</i> Juvenile
1725-1730	PAF-10	Julian Ransangan	Effect of Feeding Regime on Growth and Survival of Asiatic Hard Clam, <i>Meretrix meretrix</i> , Larvae in Hatchery Condition
1730-1735	PAF-11	Audrey Daning Tuzan	Biodiversity and Biological Aspects of Spiny Lobster Species at Kota Kinabalu, Sabah, Malaysia: A Preliminary Study



Borneo Marine Research Institute

Universiti Malaysia Sabah
Jalan UMS, 88400 Kota Kinabalu
Sabah, Malaysia

✉ icomsa@ums.edu.my

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☎ +60 88 213 301