



THE 1ST ANNUAL FORUM FOR ECS IN MARINE SCIENCE

14-15 MARCH, 2024, XMUM

Program (page 1)

Day 1, Morning (9:15, Thu, 14 Mar).

Session chairs: Dr. Cheah Wee (UM) & Dr. Mohd Safuan (UMT)

Time	Title	Presenter	Candidature	Affiliation
9:15	Opening speech	Han Lei		CAMS, XMUM
		Wang Hui-Qiong		RPC, XMUM
9:30	Mangrove Species Diversity in Different Geomorphology of Mangrove Forest	Thivyalaxmi Mahendaran	PhD	IOES, UM
9:55	Zoning for Resilience: Sustaining Coral Reef Communities in Pulau Kapas Marine Park through Management Planning	Nur Qamarina Mohmad Fuad	MSc	INOS, UMT
10:20	Biweekly Precipitation Forecast in Peninsular Malaysia	Afiqah Bahirah Ayoub	PhD	FST, UKM
10:45	Session break (Group photo)			
11:00	The Potential Effects of Different Strains of <i>Lactobacillus</i> sp. from Kefir Grains in the Field of Aquaculture	Shu Jin Xiang	MSc	CAMS, XMUM
11:25	Pulau Ketam Mangrove Ecosystem: Development of Electrospun Passive Sampling Membrane for eDNA-based Biodiversity Assessment	Leong Keen Lionel	MSc	IOES, UM
11:50	Distribution of Grouper (Family: Serranidae) In Coral Reef Habitat at Pulau Bidong, Terengganu, Malaysia	Muhammad Afiq Firdaus Aminudin	PhD	INOS, UMT
12:15	End of morning session			





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Program (page 2)

Day 1, Afternoon (14:00, Thu, 14 Mar).

Session chairs: Dr. Liew Ju Neng (UKM) & Dr. Ng Wei Lun (XMUM)

Time	Title	Presenter	Candidature	Affiliation
14:00	Assessing the Impact of Climate Change on Green Turtle Hatchlings at Turtle Islands Park, Malaysia: A Morphometric, Hatching Success and Sex Ratio Analysis	Giorgia Colombo	MSc	BMRI, UMS
14:25	Changes of Wave Characteristics over Equatorial South China Sea	Low Shien Yee	MSc	FST, UKM
14:50	A Systematic Review of the Microbial Diversity Different Mangrove Forest types: What is Known and What is the Way Forward?	Lai Jia Yong	PhD	IOES, UM
15:15	Session break			
15:30	Profiling of Compounds Extracted from Endophytic Fungi of Common Malaysian Mangroves	Han Ming Han	MSc	CAMS, XMUM
15:55	Symbiodiniaceae Diversity hosted by <i>Palythoa tuberculosa</i> of Adjacent Ecoregions – The Straits of Malacca and South China Sea: Environmental and Climate Change Perspectives	Yu Hai Ping	MSc	IPI, UKM
16:20	Phylogenetics and Population Genetics of <i>Bruguiera</i> spp. in the West Coast of Peninsular Malaysia	Tharshini Vilayan	MSc	IOES, UM
16:45	End of afternoon session			





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Program (page 3)

Day 2, Morning (9:30, Fri, 15 Mar).

Session chairs: Dr. Ng Wei Lun (XMUM) & Dr. Liew Ju Neng (UKM)

Time	Title	Presenter	Candidature	Affiliation
9:30	Oxidative Regulation of Protein Thiols in Scleractinian Coral <i>Acropora digitifera</i> From Pulau Bidong Under Thermal Pressure	Muhammad Arif Samshuri	PhD	FSSM, UMT
9:55	Effectiveness of Photosynthetic Bacteria (PSB) and Microalgae in Reducing Nitrogenous Compounds within Aquaculture Systems	Lee Xin You	MSc	CAMS, XMUM
10:20	A Holobiont Perspective of Effects of Elevated Temperature and Irradiance on Soft Corals and Their Zooxanthellae	Alec Liu Yuanwei	PhD	IOES, UM
10:45	Session break			
11:00	Diversity and Abundance of Coral Reef Fishes, Giving Emphasizes on the Large Predators at Chagar Hutang Bay, Redang Island Using Baited Remote Underwater Video Survey	Rahman Syafruddin	MSc	INOS, UMT
11:25	Weather Types and Rainfall Variability during Northeast Monsoon over Malaysia Associated with ENSO	New Xia Yan	MSc	FST, UKM
11:50	Co-culturing of <i>Bacillus amyloliquefaciens</i> and <i>Trichoderma longibrachiatum</i> for Improvement of Chili Crop and resistance against <i>Colletotrichum</i> spp.	Lim Chen Xie	MSc	CAMS, XMUM
12:15	Introduction to Ocean Decade Early Career Ocean Professional Network Programme (ECOP)	Cheah Wee		IOES, UM
12:40	Closing discussion	All		
13:00	End of forum			





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Scientific Advisory Panel

Name	Affiliation	Expertise/ Research Keywords
	(Faculty/Institute, University)	
Zainudin Bin Bachok	Institute of Oceanography and Environment, Universiti Malaysia Terengganu	Marine ecology; Fatty acid biomarkers
Robin Robertson	China-ASEAN College of Marine Sciences, Xiamen University Malaysia	Physical oceanography
Mohammad Rozaimi Jamaludin	Faculty of Science and Technology, Universiti Kebangsaan Malaysia	Seagrass biology and ecology; Macroalgal ecology and blue carbon
Alison Wee Kim Shan	School of Environmental and Geographical Sciences, University of Nottingham Malaysia	Biogeography, adaptation and conservation of coastal ecosystems
Maizah Binti Abdullah	Faculty of Science and Marine Environment, Universiti Malaysia Terengganu	Marine ecology; Trophic level
Kishneth Palavineloo	Institute of Ocean and Earth Sciences, Universiti Malaya	Marine chemical ecology, natural products, mangrove ecology
Wan Mohd Syazwan	Department of Biology, Faculty of Science, Universiti Putra Malaysia	Marine ecology and biodiversity
Tan Boon Chin	Centre for Research in Biotechnology for Agriculture, Universiti Malaya	Molecular biology; Biotechnology
Wee Hin Boo	Institute of Climate Change, Universiti Kebangsaan Malaysia	Marine biology
Teoh Hong Wooi	China-ASEAN College of Marine Sciences, Xiamen University Malaysia	Marine ecology
Tan Suh Nih	China-ASEAN College of Marine Sciences, Xiamen University Malaysia	Algae

Organizing Committee

- Dr. HAN Lei (Chair), CAMS/XMUM
- Dr. NG Wei Lun, CAMS/XMUM
- Dr. CHEAH Wee, IOES/UM
- Dr. LIEW Ju Neng, FST/UKM
- Dr. Mohd SAFUAN, INOS/UMT
- Dr. YOSHIDA Teruaki, BMRI/UMS

