

**Symposium Schedule**  
**The 5<sup>th</sup> Asian Marine Biology Symposium (AMBS 2024)**  
**October 27-30, 2024, The Emerald Hotel, Bangkok**

Time	Grand Ballroom I, 3rd Fl.
	<i>Sunday 27<sup>th</sup> October 2024</i>
14.00-17.00	Registration/Poster set up
	<i>Monday 28<sup>th</sup> October 2024</i>
08.00-09.00	Registration/Poster set up
09.00-09.30	Opening Ceremony
	<ul style="list-style-type: none"> <li>○ <b>Report from the 5<sup>th</sup> AMBS Organizing Committee</b>  <i>Thamasak Yeemin</i>  Chairman of the 5<sup>th</sup> AMBS Organizing Committee  President of Marine Science Association of Thailand</li> </ul>
	<ul style="list-style-type: none"> <li>○ <b>Welcome Remark</b>  <i>Suriyan Tunkijjanukij</i>  Dean of Faculty of Fisheries, Kasetsart University, Bangkok, Thailand</li> </ul>
	<ul style="list-style-type: none"> <li>○ <b>Opening Remark</b>  <i>Hiroaki Tsutsumi</i>  Professor, President of the Prefectural University of Kumamoto, Japan</li> </ul>
	<ul style="list-style-type: none"> <li>○ <b>Plaques of Appreciation to the Symposium Supporters:</b>  <i>Hiroaki Tsutsumi</i>  Professor, President of the Prefectural University of Kumamoto, Japan</li> </ul>
09.30-10.00	<ul style="list-style-type: none"> <li>○ <b>Keynote Speech</b>  <b>“Patterning the Multitrophic Community and Food-Web Structure of an Estuarine System: An Isotopic Approach”</b>  <i>Chang-Keun Kang</i>  Professor, School of Environment and Energy Engineering,  Gwangju Institute of Science and Technology, Republic of Korea</li> </ul>
10.00-10.30	<ul style="list-style-type: none"> <li>○ <b>Keynote Speech</b>  <b>“Mangrove Carbon Budgets Suggest the Estimation of Net Production and Carbon Burial by Quantifying Litterfall”</b>  <i>Hsing-Juh Lin</i>  Professor, Department of Life Sciences, National Chung Hsing University,  Taichung City, Taiwan</li> </ul>
10.30-11.00	<b>Group Photo - Coffee Break</b>
11.00-11.30	<ul style="list-style-type: none"> <li>○ <b>Keynote Speech</b>  <b>“Marine Biodiversity Research to Support Sustainable Aquaculture and Tourism in Small Islands in Malaysia”</b>  <i>Aileen Tan Shau Hwai</i>  Professor, Centre for Marine &amp; Coastal Studies (CEMACS),  Universiti Sains Malaysia, Penang, Malaysia</li> </ul>
11.30-12.00	<ul style="list-style-type: none"> <li>○ <b>Keynote Speech</b>  <b>“When the Ocean is Warmer than in Hell”</b>  <i>Thon Thamrongnawasawat</i>  Associate Dean of Faculty of Fisheries, Kasetsart University, Thailand</li> </ul>
12.00-12.30	<ul style="list-style-type: none"> <li>○ <b>Keynote Speech</b>  <b>“Ocean Acidification and Ocean Warming and its Potential Impacts on Coastal Ecosystem and Human Society”</b>  <i>Haruko Kurihara</i>  Professor, Department of Chemistry, Biology and Marine Science  Faculty of Science, University of the Ryukyus, Okinawa, Japan</li> </ul>
<b>12.30-13.30</b>	<b>Lunch (Arcade Room, Underground Fl.)</b>

## Oral Presentations

**October 28, 2024**

**Time 13.30-15.15; Grand Ballroom I, 3rd Floor**

**Chaired by** Dr. Osamu Miura, Japan

Dr. Sakanan Plathong, Thailand

<b>Session A. Biology, Ecology, and Taxonomy of Marine Organisms</b>			
<b>Time</b>		<b>Presentation title</b>	<b>Speaker</b>
13.30	A1-SC	Analyzing latitudinal diversity gradients in marine benthos: insights from Japan coasts	<b>Beverly Tudence Jaspe</b> , Kochi University, Japan
13.45	A2-SC	The recovery and impact on macrobenthic communities in lake Shihwa and the outer sea from the operation of the Shihwa Tidal Power Plant	<b>Chae-Lin Lee</b> , Korea Institute of Coastal Ecology, Republic of Korea
14.15	A3	Social organization of trematodes in marine and freshwater snails	<b>Osamu Miura</b> , Kochi University, Japan
14.30	A4	DNA barcoding of intertidal annelids in the Japanese Archipelago	<b>Genki Kobayashi</b> , National Museum of Nature and Science, Tokyo, Japan
14.45	A5	The biodiversity hotspot of Polychaetes and other benthic fauna in the Gulf of Thailand	<b>Sakanan Plathong</b> , Prince of Songkla University, Thailand
15.00	A6-SC	Factors influencing the presence of <i>Lysidice unicornis</i> (Polychaeta: Family Eunicidae) in tape seagrass beds ( <i>Enhalus acoroides</i> )	<b>Apichan Thongkrajang</b> , Kasetsart University, Thailand
<b>15.15-15.45</b>		<b>Coffee Break</b>	

**Time 15.45-17.00; Grand Ballroom I, 3rd Floor**

**Chaired by** Dr. Jae-Sang Hong, Republic of Korea

Dr. Napakhwan Whanpetch, Thailand

<b>Session A. Biology, Ecology, and Taxonomy of Marine Organisms</b>			
15.45	A7-SC	Unveiling the species diversity of Phascolosoma (Annelida: Phascolosomatidae), Sipunculan worms inhabiting hard substrates, in Japan	<b>Chiharu Shinomiya</b> , Kyoto University, Japan
16.00	A8-SC	Influence of trematode parasitism on <i>Batillaria multiformis</i> distribution in the intertidal habitat	<b>Sandy Rey B. Bradecina</b> , Kochi University, Japan
16.15	A9	Organ-specific metabolic responses to marine anoxia in the blood clam <i>Anadara kagoshimensis</i>	<b>Ryo Orita</b> , Saga University, Japan
16.30	A10-SC	Physiological responses to salinity changes in <i>Sinonovacula constricta</i> : Metabolic dynamics involved in energy production	<b>Hikaru Shinjo</b> , Saga University, Japan
16.45	A11-SC	Impact of duck predation on the population of short-neck clam ( <i>Ruditapes philippinarum</i> ) in tidal flat	<b>Rikuto Honda</b> , Prefectural University of Kumamoto, Japan
<b>17.00-18.30</b>		<b>Poster Session I (Odd Numbers)</b>	<b>Grand Ballroom 3rd Fl.</b>
<b>18.30-23.00</b>		<b>Welcome Dinner</b>	<b>Grand Panorama 14th Fl.</b>

October 28, 2024

Time 13.30-15.15; Morakot Room; 3rd Floor

Chaired by Dr. Waka Sato-Okoshi, Japan

Dr. Teerapong Duangdee, Thailand

<b>Session D. Biogeochemistry of Coastal Ecosystem</b>			
<b>Time</b>		<b>Presentation title</b>	<b>Speaker</b>
13.30	D1-SC	Primary production on tidal flats in relation to tidal cycle: machine learning and continuous observation approach	<b>Tatsuya Ozaki</b> , Prefectural University of Kumamoto, Japan
<b>Session F. Marine Pollution and Ecotoxicology</b>			
13.45	F1	Metallic footprints: mapping trace metal distribution, source and human-ecological risk in South-eastern coastal sediments next to heavy industrial area in Bangladesh	<b>Md. Samrat Mohay Menul Islam</b> , Bangladesh Council of Scientific and Industrial Research, Bangladesh
14.00	F2-SC	Comparison of abundance and spatial distribution of microplastics along the river-estuary-marine continuum in Bangladesh with the assessment of potential ecological risk	<b>Saikat Das</b> , Department of Fisheries, University of Dhaka, Bangladesh
<b>Session H. Marine Omics</b>			
14.15	H1	Volatile and non-volatile metabolites profiling of marine sponge <i>Clathria Reinwardti</i> via mass spectrometry	<b>Muhammad Dawood Shah</b> , Universiti Malaysia Sabah, Malaysia
14.30	H2	Genetic diversity and relationships of <i>Pteria penguin</i> population	<b>Piengtawan Tappiban</b> , Mahidol University, Nakhon Pathom, Thailand
14.45	H3	Marine genomics: approaches to strengthen marine biodiversity database in Thailand	<b>Isara Arsiranant</b> , Department of Marine and Coastal Resources, Thailand
<b>Session I. Marine Bioinvasion</b>			
15.00	I1	A simple method for controlling the marine invasive species <i>Mytilus galloprovincialis</i> on Korean coasts	<b>Il-Hoi Kim</b> , Nugraha, Korea Institute of Coastal Ecology, Republic of Korea
15.15-15.45		<b>Coffee Break</b>	

Time 15.45-17.00; Morakot Room; 3rd Floor

Chaired by Dr. Naoko Isomura, Japan

Dr. Laddawan Sangsawang, Thailand

<b>Session G. Impact of Climate Change on Marine Organisms and Ecosystems</b>			
15.45	G1-SC	Ocean acidification has a dual effect on the visual function of chiton: GABAA impairment function and clouding of their lenses	<b>Ryo Matsumoto</b> , Tokyo University of Marine Science and Technology, Japan
16.00	G2	Effects of environmental factors and global warming on seasonal variation of three bivalve species dominating in the macrobenthic community on sandy tidal flats, western Japan	<b>Hiroaki Tsutsumi</b> , Prefectural University of Kumamoto, Japan

<b>Time</b>		<b>Presentation title</b>	<b>Speaker</b>
16.15	G3-SC	Physiological responses of three reef-building species to low oxygen conditions	<b>Long Ying</b> , Prince of Songkla University, Songkhla, Thailand
16.30	G4-SC	Rubbing salt into the wound: cold stress impedes recovery of injured coral <i>Acropora digitifera</i>	<b>Jake Ivan Perez Baquiran</b> , University of the Ryukyus, Japan
<b>Session C. Physical Oceanography (Remote Sensing)</b>			
16.45	C1	Implication of filamentous algae blooming on mapping of seagrass beds at Pari Island, Jakarta Bay, Indonesia	<b>Wawan Kiswara</b> , Indonesian Seagrass Foundation, Indonesia
<b>17.00-18.30</b>		<b>Poster Session I (Odd Numbers)</b>	<b>Grand Ballroom I 3rd Fl.</b>
<b>18.30-23.00</b>		<i>Welcome Dinner</i>	<i>Grand Panorama 14th Fl.</i>

## Oral Presentations

**October 29, 2024**

**Time 09.00-10.15; Grand Ballroom I; 3rd Floor**

**Chaired by** Dr. Masako Nakamura, Japan

Dr. Vararin Vongpanich, Thailand

<b>Session A. Biology, Ecology, and Taxonomy of Marine Organisms</b>			
<b>Time</b>		<b>Presentation title</b>	<b>Speaker</b>
09.00	A12	Diving into the shrimp hole: the hidden diversity and evolution of commensal galeommatid bivalves dwelling in snapping shrimp burrows	<b>Ryutaro Goto</b> , Kyoto University, Japan
09.15	A13-SC	Linking local and macro-scale processes: how environmental gradients and biogeographic affinities influence benthic amphipod community structure in Akkeshi Bay	<b>Tomonori Sekioka</b> , Hokkaido University, Japan
09.30	A14-SC	Biocoenotic benthos found with Japanese hermit crabs	<b>Theo Ward</b> , Kyoto University, Japan
09.45	A15	Symbionts associated with sea urchins	<b>Lunac Yamamori</b> , Kyoto University, Japan
10.00	A16	Taxonomy and phylogenetic identity of overharvested sea cucumber (Stichopodidae) in the Straits of Malacca	<b>Sau Pinn Woo</b> , CEMACS, Universiti Sains Malaysia, Malaysia
<b>10.15-10.45</b>		<b>Coffee Break</b>	

**Time 10.45-12.15; Grand Ballroom I, 3rd Floor**

**Chaired by** Dr. Tomohiro Komorita, Japan

Dr. Jamrern Buarueng, Thailand

10.45	A17	Composition and distribution of fish larvae in the Timor Sea, Timor-Leste	<b>Sakda Arbsuwan</b> , Department of Fisheries, Bangkok, Thailand
11.00	A18	Species diversity and genetic resource evaluation of the green macroalgal genus <i>Caulerpa</i> (Caulerpaceae, Chlorophyta) in Thailand	<b>Suttikarn Sutti</b> , National Science Museum, Thailand
11.15	A19	Biodiversity at coral restoration area	<b>Se Songploy</b> , Aquatic Resources Research Institute, Chulalongkorn University, Thailand
11.30	A20	Recent endosymbiosis between a haptophyte and a Kareniacean dinoflagellate and “Full-furnished apartment hypothesis”	<b>Yuji Inagaki</b> , University of Tsukuba, Japan
11.45	A21-SC	Potential Evidence of <i>Noctiluca scintillans</i> Dispersal via Ocean Currents from Jakarta to Japan across approx. 6000 km	<b>Muhammad Izzat Nugraha</b> , Tohoku University, Japan
<b>Session J. General Session of Marine Biology</b>			
12.00	J1	Temporal changes in the microplankton community due to Kuroshio branch current inflow	<b>Tomohiro Komorita</b> , Prefectural University of Kumamoto, Japan

Time		Presentation title	Speaker
12.30-13.30		Lunch	Arcade Room, Underground Fl.
13.30-15.00		<i>Special Session I: MBON &amp; ML2030: Networking marine biodiversity research in East and Southeast Asia</i> Masahiro Nakaoka, Hokkaido University, Japan	Grand Ballroom I, 3rd Fl.
15.00-16.30		Coffee Break / Poster Session II (Even numbers)	Grand Ballroom I, 3rd Fl.
16.30-17.30		Closing Ceremony	Grand Ballroom I, 3rd Fl.
18.00-20.00		<i>Symposium Banquet</i>	Kuang Seafood Restaurant, Rachadapisek Soi 10

**October 29, 2024**

**Time 09.00-10.15; Morakot Room; 3rd Floor**

**Chaired by** Dr. Tomoko Yamamoto, Japan

Dr. Pailin Jitchum Thailand

Time		Presentation title	Speaker
<b>Session B. Fisheries, Mariculture and Ocean Farming</b>			
09.00	B1	Preliminary survey on the efficiency of modified trammel net with the bottom guarding net to reduce bycatch in small-scale fishery, coastal area of Phang-Nga Province, Thailand	<b>Phatcharapol Boonserm</b> , Kasetsart University, Thailand
09.15	B2	A technical note on the population studies of seasonal growth in marine animals	<b>Do Wan Kim</b> , Inha University, Republic of Korea
<b>Session E. Marine Conservation and Management</b>			
09.30	E1	The recreational value of Bryde's whale watching in Thailand	<b>Patcharaporn Yaowasooth</b> , Department of Marine and Coastal Resources, Thailand
09.45	E2	Community structure of benthic infauna at tidal flats ecosystem of Ariake Bay, Kyushu, Japan	<b>Katsumasa Yamada</b> , Kumamoto University, Japan
10.00	E3-SC	Pivotal assessment of ecosystem services and economic valuation of mangrove in silvofishery areas: hypothetical evidence in the north coast of Central Java, Indonesia	<b>Laila Sari Andhika</b> , Bogor Agricultural University, Indonesia
10.15-10.45		Coffee Break	

**Time 10.45-12.15; Morakot Room; 3rd Floor**

Chaired by Dr. Pei-Luen Lu, Republic of China (Taiwan)

Dr. Tanuspong Pokavanich Thailand

Time		Presentation title	Speaker
10.45	E4	Public and private involvement in mangrove rehabilitation and conservation efforts is a pathway to increasing community well-being: case study in Tangerang regency	<b>Isdahartati Ibnu Izhar</b> , IPB University, Bogor, Indonesia
11.00	E5	Synthesized occurrence data of two rocky seagrass species ( <i>Phyllospadix iwatensis</i> and <i>P. japonicus</i> ) based on online databases: implications for IUCN conservation status reassessment	<b>Minako Abe Ito</b> , National Museum of Nature and Science, Japan
11.15	E6-SC	Combining ecological and sociocultural factors into seagrass restoration site selection in Raja Ampat, Indonesia	<b>Robba Fahrisy Darus</b> , Bogor Agricultural University, Indonesia
11.30	E7	Prospects for tropical seagrass conservation and management in Taiwan	<b>Pei-Luen Lu</b> , National Taitung University, Taitung, Taiwan
11.45	E8	Integrating UAV imagery and field data for accurate mapping of coral reef benthic communities	<b>Wei Sheng Chong</b> , Universiti Malaysia Sabah, Malaysia
12.00	E9-SC	Streamlining UAV-based coastal mapping: Pix4Dmapper photogrammetry workflow optimization	<b>Imelus Nius</b> , Universiti Malaysia Sabah, Malaysia
12.15	E10	Study of water quality observation methods and evaluation of primary production in coastal area for seasonal operation of sewage treatment plants	<b>Akira Umehara</b> , Hiroshima University, Japan
<b>12.30-13.30</b>		<b>Lunch</b>	<b>Arcade Room, Underground Fl.</b>
<b>13.30-15.00</b>		<i>Special Session II: Collaboration Networking of the Research in Blue Ocean: the Thailand Reinventing University</i>	<b>Morakot Room, 3rd Fl.</b>
<b>15.00-16.30</b>		<b>Poster Session II (Even numbers)/ Coffee Break</b>	<b>Grand Ballroom I, 3rd Fl.</b>
<b>16.30-17.30</b>		<i>Closing Ceremony</i>	<b>Grand Ballroom I, 3rd Fl.</b>
<b>18.00-20.00</b>		<i>Symposium Banquet</i>	<b>Kuang Seafood Restaurant, Rachadapisek Soi 10</b>

**Symposium Sessions**

- A: Biology, Ecology, and Taxonomy of Marine Organisms
- B: Fisheries, Mariculture and Ocean Farming
- C: Physical Oceanography (Remote Sensing)
- D: Biogeochemistry of Coastal Ecosystem
- E: Marine Conservation and Management
- F: Marine Pollution and Ecotoxicology
- G: Impact of Climate Change on Marine Organisms and Ecosystems
- H: Marine Omics
- I: Marine Bioinvasion
- J: General Session of Marine Biology
- \*SC: Student Competition

## Special Session I

### MBON & ML2030: Networking marine biodiversity research in East and Southeast Asia

Date: October 29, 2024; Time 13.30 – 15.00; Grand Ballroom I

No.	Presentation title	Speaker
1	Networking marine biodiversity research in Asia: Past, current and future activities of Asia-Pacific Marine Biodiversity Observation Network (APMBON)	Masahiro Nakaoka (Hokkaido University, Japan)
2	Efforts to Support Development of ECOP in Systematics and Taxonomic Study to Enhance Biodiversity Monitoring in Southeast Asia.	Abe Woo (Universiti Sains Malaysia)
3	Towards revolutionizing Philippine biodiversity research and development programs through environmental DNA	Venus Leopardas (Mindanao State University at Naawan, the Philippines)
4	Promoting nature-based solutions and nature positive tourism: development of coral restoration projects to support marine biodiversity in the Gulf of Thailand	Thamasak Yeemin (Ramkhamhaeng University, Thailand)
5	Spatiotemporal variation in the macrozoobenthic biodiversity and community structure in Japanese tidal flats: Analyses based on data from the Monitoring Sites 1000 Project	Gen Kanaya (National Institute of Environmental Studies, Japan)
6	Species identification and spatio-temporal distribution of cephalopod paralarvae (Incirrata and Myopsina) in the surrounding waters of Taiwan	Chuan-Wen Ho (National Chung Hsing University)

## Special Session II

Round-Table-Conference:

"Collaboration Networking of the Research in Blue Ocean: the Thailand Reinventing University"

Date: October 29, 2024; Time 13.30 – 15.00; Morakot Room; 3rd Floor

Key Organizers

### Walailak University

- 1.Assoc.Prof.Dr. Siwarit Pongsakornrungsilp
- 2.Assoc.Prof.Dr. Mullica Jaroensutasinee
- 3.Assoc.Prof.Dr. Krisanadej Jaroensutasinee
- 4.Asst.Prof.Dr. Uthai Kuhapong

### Suranaree University of Technology

1. Dr. Sirilak Chumkiew
2. Asst.Prof.Dr. Rattanaporn Kasemsri

### 5<sup>th</sup> AMBS Participants

To be determined



## Poster Presentation Schedule

**October 28, 2024**

**Poster Session I (Odd Numbers)**

**Time 17.00-18.30; Grand Ballroom I, 3rd Floor**

**October 29, 2024**

**Poster Session II (Even Numbers)**

**Time 15.00-16.30; Grand Ballroom I, 3rd Floor**

**\*SC: Student Competition**

No.	Poster Presentation
	<b>A: Biology, Ecology, and Taxonomy of Marine Organisms</b>
<b>P01</b>	<b><i>Tsuyoshi Takano</i>, Meguro Parasitological Museum, Japan</b> Diversity of eulimid gastropods parasitizing the black sea cucumbers <i>Holothuria atra</i> and <i>H. leucospilota</i> in the West Pacific
<b>P02</b>	<b><i>Shun Kawaida</i>, Shimane University Japan</b> Cellulose digestion abilities determine trophic segregation of crabs and gastropods in a marsh-dominated estuarine tidal flat
<b>P03</b>	<b><i>Masako Nakamura</i>, Tokai University, Japan</b> Coral recruitment patterns in upper mesophotic and shallow reefs in Amitori Bay, Iriomote Island, Japan
<b>P04</b>	<b><i>Naoko Isomura</i>, National Institute of Technology, Okinawa College, Japan</b> Estimation of the mechanisms for creation and maintenance of regional populations of <i>Porites cylindrica</i>
<b>P05-SC</b>	<b><i>Tokio Isakari</i>, Kumamoto University, Japan</b> Effect of sediment on the epifaunal community structure in eelgrass beds: comparison between mud and sand in Yatsusiro Bay, Kyusyu, Japan
<b>P06</b>	<b><i>Fery Kurniawan</i>, IPB University, Indonesia</b> First record of <i>Ruppia brevipedunculata</i> in Indonesia
<b>P07-SC</b>	<b><i>Haruka Omikawa</i>, Isinomaki Senshu University, Japan</b> Evaluation of the predation avoidance function of the conglobation behavior of the marine isopod <i>Gnorimosphaeroma</i> spp.
<b>P08</b>	<b><i>Daishi Yamazaki</i>, Toho University, Japan</b> Common genetic border of the intertidal snail species found in the geopark including two different coastal landscapes: a case of genus <i>Littorina</i> & <i>Nucella</i>
<b>P09-SC</b>	<b><i>Haruto Oda</i>, Ishinomaki Senshu University, Japan</b> Sexual dimorphism in the bristles on the walking legs of the semi-terrestrial sesarmid crab <i>Orisarma dehaani</i>
<b>P10</b>	<b><i>Nantapong Kimpai</i>, Kasetsart University, Ranong, Thailand</b> Seasonal variation of primary production in tropical mangrove and coastal area in the Andaman Sea, Thailand
<b>P11-SC</b>	<b><i>Kaiki Miyamoto</i>, Kagoshima University, Japan</b> Population and reproductive ecology of Soldier crab ( <i>Myctyrus guinotae</i> ) in tidal flats of Amami Oshima Island
<b>P12</b>	<b><i>Wang-Ling Tsai</i>, National Chung Hsing University, Taiwan</b> Diversity of cephalopod paralarvae ( <i>Incirrata</i> and <i>Myopsina</i> ) in Taiwanese waters
<b>P13</b>	<b><i>Aphitsada Thongpiam</i>, Kasetsart University, Ranong, Thailand</b> Seasonal variation in micro-zooplankton community structure in tropical mangrove and coastal areas of the Andaman Sea

No.	Poster Presentation
P14	<b>Worawit Pannak</b> , Kasetsart University, Ranong, Thailand Seasonal variations of fish larvae abundance and diversity in tropical mangrove and coastal areas in Andaman Sea, Thailand
P15	<b>Pailin Jitchum</b> , Kasetsart University, Bangkok, Thailand Seasonal production of microplankton in the tropical Chao Phraya estuary, the Gulf of Thailand
P16	<b>Porntep Punnarak</b> , Chulalongkorn University, Bangkok, Thailand Seasonal variability and anthropogenic impact on zooplankton communities along coastal areas of Chonburi and Rayong Provinces, Thailand
P17	<b>Tomoko Yamamoto</b> , Kagoshima University, Japan Distribution of the soldier crab ( <i>Mictyris guinotae</i> ) and the transportation route of their planktonic larvae
P18	<b>Chinda Srisupphatphong</b> , Marine National Park Operation Center 3, Trang Province, Thailand Maya shark watch project
P19-SC	<b>Jae-bin Jang</b> , Gwangju Institute of Science and Technology, Republic of Korea Effects of riverine discharge on planktonic food web in a temperate estuarine bay
P20	<b>Goutam K. Kundu</b> , University of Dhaka, Bangladesh Seasonal and spatial variation in trophic niche of fish food webs in the continental shelf of the Southern Sea of Korea
P21	<b>Taehyun Lee</b> , Korea Institute of Coastal Ecology, Republic of Korea Spatiotemporal distribution characteristics of macroinvertebrate communities in brackish wetlands
P22	<b>Sungtae Kim</b> , Korea Institute of Coastal Ecology, Republic of Korea A discovery of an unknown Assimineid Gastropod of the Genus <i>Sculptassimineia</i> from a Korean salt marsh in the eastern Yellow Sea
P23	<b>Charernmee Chamchoy</b> , Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand Comparisons of genetic diversity in <i>Galaxea fascicularis</i> between artificial and natural reefs in the Upper Gulf of Thailand
P24	<b>Laongdow Jungrak</b> , Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand The density of benthic amphipod crustaceans from coral reefs in Trat Province, the Eastern Gulf of Thailand
P25-SC	<b>Chanansiri Phutthaphibankun</b> , Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand Comparing meiofauna communities from a coral reef and an underwater pinnacle in Chanthaburi Province, the Eastern Gulf of Thailand
P26	<b>Makamas Sutthacheep</b> , Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand Macrobenthic infauna communities from the underwater pinnacles in Krabi Province, the Andaman Sea
P27	<b>Maneerat Sukkeaw</b> , Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand Diversity and density of macrobenthic invertebrates on the underwater pinnacles in Krabi Province, the Andaman Sea
P28	<b>Wiphawan Aunkhongthong</b> , Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand Community structure and species diversity of scleractinian corals on underwater pinnacles in Mu Ko Si Chang, the Upper Gulf of Thailand
P29	<b>Makamas Sutthacheep</b> , Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand

No.	Poster Presentation
	The harpacticoid copepod communities on coral reefs at Mu Ko Kood, Trat Province, the Eastern Gulf of Thailand
P30	<b>Bancha Lawang</b> , Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand Comparing diversity and abundance of corallivorous fish in the Family Chaetodontidae on underwater pinnacles with different levels of tourism potential in Trang Province
P31	<b>Laongdow Jungrak</b> , Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand Comparing composition and abundance of coral reef associated infaunal bivalves in Rayong Province, the Eastern Gulf of Thailand
P32	<b>Thamasak Yeemin</b> , Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand Distribution and abundance of free-living corals <i>Heterocyathus aequicostatus</i> and <i>Heteropsammia cochlea</i> in underwater pinnacle ecosystems in Thai waters
P33	<b>Makamas Sutthacheep</b> , Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand A newly discovered underwater pinnacle in the Upper Gulf of Thailand
<b>B: Fisheries, Mariculture and Ocean Farming</b>	
P34	<b>Asato Kyohei</b> , National Institute of Technology, Okinawa College, Japan Seasonal changes in growth rate of high-density cultured Malabar grouper ( <i>Epinephelus malabaricus</i> )
<b>D: Biogeochemistry of Coastal Ecosystem</b>	
P35	<b>Wei-Jen Lin</b> , National Sun Yat-sen University, Kaohsiung, Taiwan Impact of mangrove removal on carbon sink in the Jhuoshuei river estuary, Taiwan
P36	<b>Chiao-Wen Lin</b> , National Sun Yat-sen University, Taiwan Study of greenhouse gas emissions of <i>Lumnitzera racemosa</i> mangroves in Taiwan
P37-SC	<b>Chen-Ying Ko</b> National Sun Yat-sen University, Taiwan Greenhouse gas emissions of <i>Rhizophora stylosa</i> mangroves in Taiwan
P38	<b>Kai Hsuan Huang</b> , National Sun Yat-Sen University, Taiwan Greenhouse gas investigation of coastal wetland in Taiwan
P39	<b>Su-Young Jeong</b> : Korea Institute of Coastal Ecology, Republic of Korea Determining the origin of organic source in coastal brackish wetlands by environmental DNA analysis
<b>E: Marine Conservation and Management</b>	
P40	<b>Hirokazu Abe</b> , Ishinomaki Senshu University, Japan Long-term changes of intertidal macrozoobenthic communities at each site in the tidal flat survey of the Monitoring Sites 1000 Project in Japan
P41	<b>Takao Suzuki</b> , Michinoku Research Institute for Benthos, Japan Long-term monitoring of benthic communities in Matsukawaura tidal flats, northeastern Japan, under the Monitoring Site 1000 Project
P42	<b>Chi-Mei Chia</b> , National Chung Hsing University, Taiwan Ecological monitoring of mangrove removal in the estuary of Jhuoshuei River, Taiwan
P43-SC	<b>Akari Yamahira</b> , Kumamoto University, Japan Differences in habitat structure and ecological function between two seagrass habitats ( <i>Zostera marina</i> and <i>Z. japonica</i> ) in terms of fish utilization patterns in Yatsushiro Bay, Kyusyu, Japan
P44	<b>Nuttapong Limusunno</b> , Department of Marine and Coastal Resources, Thailand Studying applying fixed-wing unmanned aerial vehicle (Fixed-wing UAV) technology on the marine endangered species distribution in the Koh Mook and Laem Yong Lam areas, Trang Province, Thailand
P45	<b>Laddawan Sangsawang</b> , Department of Marine and Coastal Resources, Thailand The spatial change of the seagrass area at Neon Kho, Rayong Province

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P46	<i>Wichin Suebpala, Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand</i> Developing ecotourism opportunities for the underwater pinnacle ecosystem at Hin Hu Chang, Chonburi Province in the Upper Gulf of Thailand
P47-SC	<i>Chae-Lin Lee, Korea Institute of Coastal Ecology, Republic of Korea</i> Organic carbon stock and sequestration rate of brackish wetlands
P48	<i>Nuttawat Limsuntorn, Marine National Park Operation Center, Trat Thailand</i> Assessment and management of coral reefs in the Eastern Marine National Parks
P49-SC	<i>Phatthira Karnpakob, Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand</i> Effects of artificial reefs on the meiofaunal community at Ko Saket, Rayong Province, the Eastern Gulf of Thailand
P50	<i>Morakot Jowantha, Marine National Park Operation Center 1 Chumphon, Thailand</i> Monitoring changes in beach conditions at Laem Son Beach National Park, Ranong Province
P51	<i>Sittiporn Pingsakun, Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand</i> Carbon neutral marine tourism: a case study of nature positive tourism in Chumphon Province
P52	<i>Sittiporn Pingsakun, Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand</i> The importance of underwater pinnacles in marine ecosystems: potential for fisheries and recreational activities
P53	<i>Thamasak Yeemin, Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand</i> Survival and growth rates of coral micro-fragments for coral reef restoration at Ko Kham Noi, Chonburi Province, the Upper Gulf of Thailand
<b>H: Marine Omics</b>	
P54	<i>Nattaya Srisawad, Department of Marine and Coastal Resources, Thailand</i> Metazoan diversity investigation at Koh He, Phuket Thailand using eDNA metabarcoding
<b>F: Marine Pollution and Ecotoxicology</b>	
P55-SC	<i>Kenta Asanuma, Tohoku University, Japan</i> Microplastic ingestion by polychaetes inhabiting Gamo Lagoon, Miyagi, northeastern Japan
<b>I: Marine Bioinvasion</b>	
P56	<i>Kyosuke Kitabatake, Toho University, Japan</i> Sedimentary DNA reveals the presence of the invasive moon snail <i>Laguncula pulchella</i>
<b>G: Impact of Climate Change on Marine Organisms and Ecosystems</b>	
P57	<i>Jamrearn Buaruang, Marine Microbe Environment Research Unit, Division of Environmental, Faculty of Science, Ramkhamhaeng University, Bangkok, Thailand</i> Effects of seawater temperature on diversity of marine sponge-associated fungi in coral community from underwater pinnacle, Rayong Province
P58	<i>Phattarapan Mongkonpattarasuk, PTT Public Company Limited, Thailand</i> Effects of dissolved carbon dioxide (CO <sub>2</sub> ) on Marine Organisms under the Gulf of Thailand condition
P59	<i>Wanlaya Klinthong, Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand</i> Evaluating the coral bleaching event in 2024 at Ko Rang Kachiu, Chumphon Province, in the Western Gulf of Thailand
P60	<i>Ornanong Bundit, Department of Marine and Coastal Resource, Thailand</i> Seagrass degradation in Trang Province, Thailand
P61	<i>Jirachaya Yeemin, Burapha University, Sakaeo, Thailand</i>

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	Photosynthetic Efficiency and Health of Seagrass in Ao Khung Kraben, Chanthaburi, Thailand
<b>P62</b>	<b>Wiphawan Aunkhongthong</b> , <i>Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand</i> The impacts of coral bleaching event in 2024 at an island group in Prachuap Khiri Khan Province, the Gulf of Thailand
<b>P63</b>	<b>Charernmee Chamchoy</b> , <i>Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand</i> Species composition and population density of juvenile corals on reef flats and reef slopes in Chumphon Province following the 2024 coral bleaching event
<b>P64</b>	<b>Wichin Suebpala</b> , <i>Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand</i> Assessing blue carbon storage in marine sediments of underwater pinnacle ecosystems in Trang Province, the Andaman Sea
<b>P65</b>	<b>Wichin Suebpala</b> , <i>Marine Biodiversity Research Group, Ramkhamhaeng University, Bangkok, Thailand</i> Impacts of the coral bleaching in 2024 on the giant clams <i>Tridacna squarrosa</i> in Prachuap Khiri Khan Province, the Gulf of Thailand

**October 30, 2024**

**Time 08.30-12.00; Excursion**

**“Cultural Tour in Bangkok”**