

Agenda

Time	Day 1(Tue) 4/22	Day 2(Wed) 4/23		Time	Day 3(Thu) 4/24			Time	Day 4(Fri) 4/25			Day 5(Sat) 4/26
08:00-09:00		Registration (Exhibition Hall)		08:00-09:00	Registration (Exhibition Hall)			08:00-09:00	Registration (Exhibition Hall)			Yilan fishing village tour (Additional Fee Required)
09:00-09:40		Opening Ceremony (The First Auditorium)		09:00-09:40	Keynote Speak4 (The Second Auditorium) Prof. Sei-Ichi Saitoh			09:00-09:40	Keynote Speak6 (The Second Auditorium) Prof. Young-Je Park			
09:40-10:20		Keynote Speak1 (The First Auditorium) Prof. Naoto Ebuchi		09:40-10:20	Keynote Speak5 (The Second Auditorium) Prof. DanLing Tang			09:40-10:00	Tea Break (Exhibition Hall)			
10:20-10:40		Tea Break (Exhibition Hall)		10:20-10:40	Tea Break			10:00-11:00	M1/M3 (The fourth Auditorium)	C1 (The Second Auditorium)	PORSEC scientific member Regular meeting	
10:40-11:20		Keynote Speak2 (The First Auditorium) Prof. Jong-Shinn Wu		10:40-11:20	M2 (Distance Learning Classroom 201)	P1/F1 (Conference Hall of Pi)	L1/T1/T2 (The Second Auditorium)	11:00-11:40	-			
11:20-12:00		Keynote Speak3 (The First Auditorium) Prof. Wing-Huen Ip		11:20-12:20				11:40-12:00	PORSEC Plenary Meeting & Close (The Second Auditorium)			
12:00-13:20		Lunch (Exhibition Hall)		12:20-13:20	Lunch			12:00-13:20	Lunch (Exhibition Hall)			
13:20-15:00	Registrati on	C1-1 (Conference Hall of Pi)	TASA (The Second Auditorium)	13:20-15:20	O1 (Distance Learning Classroom 201)	F1 (Conference Hall of Pi)	Pacific Saury Fishery Resources and Habitat Environmental Change Adaptation Strategies Workshop (Conducted in Mandarin)	13:20-15:00	Fisheries Research and Marine Science Technology Workshop			
15:00-15:20		Tea Break		15:20-15:50	Poster session (Ocean and Mountain View Corridor)	Tea Break		15:20-15:50				
15:20-17:20		E1 (Conference Hall of Pi)	A1 (The Second Auditorium)	15:50-17:50		-	Pacific Saury Fishery Resources and Habitat Environmental Change Adaptation Strategies Workshop (Conducted in Mandarin)	15:50-17:50				
18:00-20:30	-	Welcome Dinner		18:30-21:00	-			18:30-21:00	Poster & Oral Awarding Ceremony/ Farewell party (Aloha Seafood View)			

Keynote Speak Topic

April 23, 2025 (Wednesday)

Location: The First Auditorium (一講)

Time	Keynote Speaker	Presenter	Title
09:40-10:20	1	Prof. Naoto Ebuchi Introducer: Prof. Tai-Wen Hsu	History and Present Status of Jaxa'S Spaceborne Microwave Radiometers (AMSR Series) with Oceanic Applications
10:40-11:20	2	Prof. Jong-Shinn Wu Introducer: Prof. Ming-An Lee	Optical and Microwave Remote Sensing Development at Taiwan Space Agency
11:20-12:00	3	Prof. Wing-Huen Ip Introducer: Prof. Chung-Ru Ho	On the needs for space remote-sensing monitoring of the coastal and marine ecosystems

April 24, 2025 (Thursday)

Location: The Second Auditorium (二講)

Time	Keynote Speaker	Presenter	Title
09:00-09:40	4	Prof. Sei-Ichi Saitoh Introducer: Prof. Chen-Te Tseng	Space × Aquaculture: A New Approach to Select Optimum Aquaculture Site Using SAR Satellite Data
09:40-10:20	5	Prof. DanLing Tang Introducer: Dr. Gad Levy	Satellite Remote Sensing: Typhoon Wind Pump Impact on Marine Ecological Environment

April 25, 2025 (Friday)

Location: The Second Auditorium (二講)

Time	Keynote Speaker	Presenter	Title
09:40-10:20	6	Prof. Young-Je Park Introducer: Prof. Ming-An Lee	Leveraging of Multi-satellite Data for Monitoring Coastal Ocean Issues

Technical Program

Each oral presenter is allocated a total of 20 minutes, which includes 15 minutes for the presentation and 5 minutes for the Q&A session. Additionally, presenter number marked with an asterisk (*) indicate participation in the oral presentation contest.

All participants are required to **upload their PowerPoint slides (PPT) before the session begins**. The session hall will open 30 minutes prior to the start of the presentations, providing time for you to upload your materials. Please note that uploading slides during the presentation is strictly prohibited to avoid any delays, so it is essential to arrive early.

April 23, 2025 (Wednesday)

Location: Conference Hall of Pi (畢東江)

Session C1-1		Chairs: Prof. Bambang Semedi & Prof. Muhamad Naimullah	
Time	Number	Presenter	Title
13:20~13:40 Invited speaker	C1-01	Bambang Semedi	The Impact of Enso and IOD Phenomena on the Variability of Oceanographic Parameters In Indonesian Waters
13:40~14:00	C1-03*	Marwin s del Rosario	Assessing the Experiences and Perspectives of LGUs and Law Enforcers in the Management and Implementation of MSP in the Philippines
14:00~14:20 Invited speaker	C1-05	Muhamad Naimullah	Effect of The El Niño Southern Oscillation (ENSO) Event on The Catch and Distribution Pattern of Yellowfin Tuna (<i>Thunnus Albacares</i>) In the South Pacific Ocean
14:20~14:40	C1-04	Husniyah Binti Mahmud	Coastal Inundation Prediction in Kelantan, Malaysia Using Sentinel-2 and ALOS-PALSAR RTC DEM Data
14:40~15:00	C1-02	Wei-Ting Chao	Typhoon Wave Prediction Using Long Short-Term Memory Networks for Offshore Windfarm on Western Coast of Taiwan
15:00~15:20	Tea Break		

Session E1		Chairs: Prof. Anindya Wirasatriya & Prof. Patrichat Wetchayont	
Time	Number	Presenter	Title
15:20~15:40 Invited speaker	E1-06	Anindya Wirasatriya	The Possible Contribution of Marine Heatwave on the Declining Healthy Coral Cover in Nusa Dua, Bali, Indonesia
15:40~16:00	E1-07*	Wiliam	Evaluating the Impact of Marine Heatwaves, Cumulative Thermal Stress, and Upwelling on Coral Habitats in the Malacca Strait
16:00~16:20 Invited speaker	E1-08	Parichat Wetchayont	Extremely Long-Lived and Record-Breaking Marine Heatwave During Rainy 2020 in the Gulf of Thailand
16:20~16:40	E1-09*	Faqih Musyaffa	Long-Term Sea Surface Temperature Trends and Unprecedented Marine Heatwaves Along the Western Coast of Aceh
16:40~17:00	E1-10*	Thi-Kieu-Diem Nguyen	Characteristics and Analysis of Marine Heatwaves and Subsurface Warming Under Climate Variability Trends
17:00~17:20	E1-11*	Naydeline Teresita Smith	Evaluating Climate and Environmental Drivers of Coral Bleaching in the Belize Barrier Reef System

April 23, 2025 (Wednesday)

Location: The Second Auditorium (二講)

Session: TASA		Chairs: Prof. Li-Yu Chang & Prof. Wen-Hao Yeh	
Time	Number	Presenter	Title
13:20~13:40	TA-12	Wen-Hao Yeh	Ocean Surface Wind Speed Retrieval Process of TRITON
13:40~14:00	TA-13	Meng-Che Wu	Image Interpretation of Synthetic Aperture Radar and Applications
14:00~14:20	TA-14	Yung-Fu Tsai	Next Step for GNSS Remote Sensing Mission in Taiwan
14:20~14:40	TA-15	Jung-Chien Hung	Detecting and Monitoring Marine Oil Pollution Using Multi-Sensor Satellite Data
14:40~15:00	TA-16	Hsuan-Cheng Wei	Vessel Target Detection and Information Management Using Data Cube Satellite Imagery
15:00~15:20	Tea Break		
Session A1		Chairs: Prof. Xiaofeng Li & Prof. Wei-Ting Chao	
Time	Number	Presenter	Title
15:20~15:40 Invited speaker	A1-17	Xiaofeng Li	New Advances in Artificial Intelligence Oceanographic Forecasting Research
15:40~16:00	A1-18*	Anna Yakusheva & Ermakov D.M.	Localization of the Center of Tropical Cyclones Based on Infrared Satellite Images Using Machine Learning and Computer Vision
16:00~16:20	A1-19*	Yakusheva A.N.	Modern Methods of River Plume Segmentation
16:20~16:40	A1-20*	Po Yuan, Hsiao	Projected ENSO Impacts on Commercial Fish in the Northern South China Sea under Climate Change Simulations
16:40~17:00 Invited speaker	A1-57	HaoNan Chen	Using Deep Learning to Improve Geostationary Satellite Remote Sensing of Ocean Precipitation

17:00~17:20	A1-22*	Thunchanok Thammasanya	Seagrass Species Classification Using Random Forest and U-Net Models on Multiple Satellite Images
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April 24, 2025 (Thursday)

Location: Distance Learning Classroom 201 (葉森然)

Session M2		Chairs: Prof. Stefano Vignudelli & Prof. Nurul Hazrina Idris	
Time	Number	Presenter	Title
10:40~11:00 Invited speaker	M2-23	Stefano Vignudelli	Coastal Lagoon Altimetry to Measure Improved Sea Level from Space at the Land-Sea Interface
11:00~11:20	M2-24	Kaoru Ichikawa	Mean Seasonal Sea Surface Height Variations in and Around Makassar Strait Revealed by Coastal Satellite Altimetry Products
11:20~11:40 Invited speaker	M2-25	Nurul Hazrina Idris	Recent Progress on Sea Level Rise Over the Marginal Seas in Southeast Asia
11:40~12:00	M2-26	Suryanarayanacharyulu Phaniharam	Analysis of Extreme Wave Conditions in the Indian Ocean Using Satellite Altimetry in Synergy With Model and Observations
12:00~13:20	Break (Lunch)		
Session O1		Chairs: Prof. Hiroto Abe & Prof. Teruhisa Shimada	
Time	Number	Presenter	Title
13:20~13:40 Invited speaker	O1-27	Hiroto Abe	Ocean Salinity Measurement from Space and Its Application to Oceanography
13:40~14:00	O1-28	Wei-Chuan Chiang	Diving Depth Related Sea Surface Temperature of Five Species of Billfish in the Northwestern Pacific Ocean Inferred from Electronic Tagging
14:00~14:20	O1-29	Xiao-Bo Yang	Approximate Scheme for Two-Dimensional Sea Surface Current Field Retrieval
14:20~14:40	O1-30	Takahiro Osawa	Analysis of Oceanic Eddies, Upwelling, and Ekman Transport Processes in the Southern Sea of Java
14:40~15:00	O1-31*	Tom Avikasis Cohen	A Novel Approach in Oil Spill Detection via Satellite Remote Sensing, Data Fusion, and Deep Learning
15:00~15:20	O1-32*	Misganaw Choto	Initial Trial of Sparse Identification-Based Model for Estimating Phytoplankton Species Using IOPs From GCOM-C in Lake Kasumigaura

April 24, 2025 (Thursday)

Location: Conference Hall of Pi (畢東江)

Session P1 & F1		Chairs: Prof. Hsueh-Jung Lu & Prof. Yi-Jay Chang	
Time	Number	Presenter	Title
10:40~11:00 Invited speaker	P1-33	Yi-Jay Chang	Application of Tuna and Billfish Joint Species Distribution Models for Exploring the Feasibility of Time-Area Closure for Striped Marlin in the Western and Central North Pacific Ocean
11:00~11:20	F1-34	Mubarak Mammel	Assessing the Influence of Sea Surface Temperature Fronts on the Distribution of Large Pelagic Fishes in Taiwanese Waters
11:20~11:40	F1-35*	Chih-Yi Cheng	Evaluating the Impacts of Environmental Variables on Spatial Density Distributions of Pacific Saury by Using Spatio-Temporal Modelling
11:40~12:00 Invited speaker	F1-36	Hsueh-Jung Lu	The Impact of Climate Change on Mackerel Fishing Grounds and Fisheries in Northeastern Taiwan
12:00~12:20	F1-37*	Po-Yen Huang	The Spatial Distribution and Overlap Characteristic of <i>Scomberomorus</i> and Forage Species in the Waters Around Taiwan
12:20~13:20	Break (Lunch)		
Session F1		Chairs: Prof. Yuchun Lin & Prof. Ting-Chun Kuo	
13:20~13:40 Invited speaker	F1-38	Yuchun Lin	Estimating of the habitat of <i>Trichiurus Lepturus</i> northeast Taiwan obtained from commercial data in winter seasons
13:40~14:00	F1-39	Ching-Tsun Chang	Long-Distance Migration and Mesoscale Eddy Use by a Bumphead Sunfish (<i>Mola alexandrini</i>) in the Northwestern Pacific Ocean

14:00~14:20	F1-40*	Kuan-Chun Tseng	Response of Albacore Tuna to Future Climate Scenarios in the North Pacific Ocean
14:20~14:40	F1-41	Tung-Yao Hsu	Comparing Fish Yield and Fishing Effort Data for Species Distribution Modeling of Tropical Tunas in the Western and Central Pacific Ocean
14:40~15:00	F1-42*	Irene Chia Ling, Lim	Vulnerability Assessment of Crab Communities in the southern East China Sea
15:00~15:20	F1-43*	Hui Xu	The Improvement of the Prediction Accuracy of Yellowfin Tuna Resource Abundance in Longline Fisheries Using VMS Data

April 24, 2025 (Thursday)

Location: The Second Auditorium (二講)

Session L1, T1 & T2		Chairs: Prof. Carlos Gabriel & Prof. Chang Ming Dong	
Time	Number	Presenter	Title
10:40~11:00 Invited speaker	L1-44	Carlos Gabriel	The COSPAR Capacity Building Initiative – What Can We Do in Oceanography
11:00~11:20	L1-45*	Tzu-Wei Hung	Advancing Small Satellite Development and Educational Training Through International Collaboration – The INSPIRE Summer Internship Program
11:20~11:40	L1-46	Loren C. Chang	Developing Hands-On Space Education and Small Satellite Capacity Building at National Central University Through International Networking and Collaborations
11:40~12:00 Invited speaker	T2-47	Chang Ming Dong	Rotating Tank Experiments for the Study of Geophysical Fluid Dynamics
12:00~12:20	T1-48	Iam-Fei Pun	Marine Heatwave: A Supercharger for Typhoons

April 25, 2025 (Friday)

Location: The fourth Auditorium (四講)

Session M1 / M3 / A1-2		Chairs: Prof. Hwa Chien & Prof. You-Ren Wang	
Time	Number	Presenter	Title
10:00~10:20 Invited speaker	M1-49	Hwa Chien	Recent Advances in Taiwanese HF Coastal Radar: Bistatic Developments and Applications
10:20~10:40	M1-50*	Shin-Yi Chen	The Physical Coastal Vulnerability Assessment Along the Coast of Terengganu, Malaysia, Using Remotely Sensed Data
10:40~11:00	M3-51	You-Ren Wang	Two-Decade Satellite Observations of Arctic CO ₂ and CH ₄ (2002–2020): Advancing Insights into Permafrost Thaw and Coastal Emissions
11:00~11:20 Invited speaker	A1-58	Tony Wen-Wei Liao	Lifelong Learning for Improved Radar Retrievals of Precipitation in Different Precipitation Regimes
11:20~11:40	A1-21*	Zalfa Afifah Zahra	A Deep Learning Model for Detecting and Classifying Sea Temperature Rise Using Satellite Imagery

April 25, 2025 (Friday)

Location: The Second Auditorium (二講)

Session C1-2		Chairs: Prof. Norhadija Darwin & Prof. Sandipan Mondal	
Time	Number	Presenter	Title
10:00~10:20	C1-52	Norhadija Darwin	Advancing Coastal Geomorphology Analysis Using Lidar and Low-Altitude Remote Sensing: A Case Study of Kelantan, Malaysia.
10:20~10:40	C1-53*	Jen-Han Yang	From Tradition to Innovation: Sustainable Oyster Farming with HDPE Rafts, IoT Tracking, and Remote Sensing
10:40~11:00	C1-54	Sandipan Mondal	Is the North-Western Pacific Sea Bream Fishery Primarily Affected by Global Change-Induced Extreme Events: Potentially Single or Multiple Climatic Variabilities
11:00~11:20	C1-55*	Oktif Rafiqka Fiddien	Utilizing Lidar to Analyze Topographic Changes: A Case Study and Its Implications for Coastal Management
11:20~11:40	C1-56	Hiroto Abe	Multi-Month Prediction of Summertime Hypoxia Occurrence in the Bottom of Funka Bay, Japan, Using Satellite Remote Sensing

Poster Session

April 24, 2025 (Thursday)

Time: 15:20-17:20

Location: Ocean and Mountain View Corridor (山海迴廊)

Participants in the poster session must ensure that each poster is presented by at least one of its authors. The presenter should prepare a short talk (around 3 minutes) to summarize their work clearly and must be available during the session to discuss their posters and answer questions from attendees.

Participants will be divided into two groups: Group I will present from 15:20 to 16:20, and Group II will present from 16:20 to 17:20. Additionally, presenter number marked with an asterisk (*) indicate participation in the poster contest. Please ensure that your poster is displayed according to your assigned presenter number.

Posters can be displayed immediately after registration on April 22nd, and it is essential that all posters are set up by 15:00 on April 23rd. Presenters may arrange their posters prior to the opening ceremony or during designated lunch and break times, with tape provided for securing the posters.

April 24, 2025 (Thursday)

Time: 15:20-17:20

Location: Ocean and Mountain View Corridor (山海迴廊)

Number	Presenter	Title	Group
PA-01	Guang-Jun Xu	Deep Learning-based Real-time Surf Detection Model During Typhoon Events	I
PA-02*	Jeong-Eon Moon	Characterization of data obtained from ESOOB (East Sea Ocean Optical Buoy) for validation of ocean color satellite data	II
PA-03*	Yu-Chao Zhang	Innovative Research on Multi-Modal Deep Learning-based Public Health Surveillance Frameworks Driven by Remote Sensing Data	I
PA-04	Hyeong-Tak Lee	Application of Neural Networks for Estimating Absorption Coefficients Using In-Situ Data from Korean Coastal Waters	II

Number	Presenter	Title	Group
PB-05	Chia-Hsiang Chen	A Bibliometric Analysis of Knowledge Production Trends in Blue Carbon Science, with Applications of Remote Sensing Tools	I
PC-42*	Li-Ya Tseng	Research on the Application of Visual Sensory Characteristics of Land Crabs and Portunidae in Ecological Conservation	II
PE-06	Teruhisa Shimada	Climatology of Sea Surface Winds and Cold Surges in the Maritime Continent	I
PE-07	Jie Feng	Two Types of the East Asian Cold Surge and Their Impacts on El Niño	II
PE-39*	Ting-Yu, Liang	Abundance Variability of Predators: Asynchronous Fluctuation of Tuna Species in the Atlantic Ocean due to Predation Strategies and Climatic Effects	I
PE-08*	Hui Xu	Impact of Spatial Scale Variations on the Standardization of Yellowfin Tuna (<i>Thunnus albacares</i>) CPUE in Longline Fisheries	II
PE-46*	Po Yuan, Hsiao	Projected ENSO Impacts on Commercial Fish in the Northern South China Sea under Climate Change Simulations	I
PF-09*	Lu-Chi Chen	Exploring the Relationship Between Scomberomorus Species and Oceanographic Factors in the Waters Off Taiwan	II
PF-10	Chih-Hsien Chang	Analysis of Resource and Environmental Dynamics for Grey Mulletts (<i>Mugil cephalus</i>) in Taiwan from 2014 to 2023	I
PF-11	Sandipan Mondal	Impact of Global Climate Change on Apex Pelagic Predators of the World's Oceans: Potential Adaptation or Tropicalization	II
PF-12*	Chia-Wei Hu	Cluster Analysis of Fishing Composition in the Yunchang Rise Area of the Taiwan Strait and Its Relationship with Environmental Factors	I

Number	Presenter	Title	Group
PF-40*	Alakesh Pradhan	Effects of Oceanographic Conditions on Indo-Pacific King Mackerel (<i>Scomberomorus guttatus</i>) Fishery Distribution in the Taiwan Strait using Remote Sensing Data	II
PF-13	Chien-Pang Chin	Climate Change and the Future Distribution and Fishing Seasons of Two Swimming Crabs, <i>Portunus sanguinolentus</i> and <i>Charybdis feriatus</i> , in the Northwestern Taiwan Waters	I
PF-14	Ke Yang Chang	Remote Sensing Data in the Application of Taiwan squid Fisheries	II
PF-15	Sandipan Mondal	Teleconnection Impacts of Climatic Variability on Tuna and Billfish Fisheries of the South Atlantic and Indian Ocean: A Study Towards Sustainable Fisheries Management	I
PF-16*	Arpita Ghosh	Remote Sensing Analysis of Oceanographic Conditions on Chub Mackerel (<i>Scomber japonicus</i>) Fishery Distribution in Northeastern Taiwan	II
PF- 41*	Ipsita Biswas	Climate-Proofing Fisheries: Leveraging Remote Sensing and Ensemble Modelling to safeguard Spanish Mackerel habitats in the Taiwan Strait	I
PF-17	Shian-Jhong Lin	Thermal Influences on the Vertical Movement Patterns of Dolphinfin (<i>Coryphaena hippurus</i>) Off Eastern Taiwan	II
PF-18*	Irene Chia Ling, Lim	Exposure and Climate Change Impacts on Three Swimming Crab Species in Taiwanese Waters	I
PF-19*	Lim Chang Xin	UAV Innovations for Sustainable Oil Palm Plantation Management: A Systematic Review	II

Number	Presenter	Title	Group
PF-43*	Pin-Ling Chen	Variations in Migratory Fish Species in Set-Net along the Northeastern Coast of Taiwan under Climate Change	I
PF-44*	Peng-Yu Sun	Impact of Fishing Pressure on the Ecological Structure and Keystone Species around Western and Central Pacific Ocean	II
PF-45*	You-De Lin	Impacts of Climate Change on the Abundance and Habitat of Shark in Indian Ocean	I
PF-47*	Wei-Yu Lee	Using animal trajectory tracking software to compare the effects of different baits on the behavior of <i>Chionoecetes bairdi</i>	II
PM-21	Lele Li	Estimation of Arctic Sea Ice Thickness Using HY-2B Altimeter Data	I
PM-22	Hai-Yan Li	Melt Pond Observation from SAR Data Using the Segment Anything Model	II
PO-23*	Kwangseok Kim	A Spatial Context-Driven Deep Neural Network for Sea Ice Detection in Liaodong Bay Using GOCI-II	I
PO-24	Feng-Mei Yao	Data Reconstruction of Daily MODIS Chlorophyll-a Concentration and the Impact of Typical Typhoon Events on Upper-Ocean Chlorophyll-a in the Northwestern Pacific Region	II
PO-25*	Suk Yoon	Monitoring Seasonal Changes in Fishing Ground Distribution Using DNB Satellite Data in the Korean Sea	I
PO-26	Hee-Jeong Han	Optimization Approaches for Deriving Accurate Inherent Optical Properties from Ocean Color Satellite Observations	II
PO-27	Hua-Bing Xu	Phytoplankton Biomass Variability in the Eastern Hainan Upwelling Region: A 20-Year Analysis (2003-2022)	I

Number	Presenter	Title	Group
PO-28	Sheng-Nan Zhou	Variations in Contemporary Benthic Habitat of the Shallow Coral Reef Platform in the Southern South China Sea Under Global Warming: Insights from Ximen Reef in the Nansha Islands	II
PO-29*	Wei Lee	Development of the Realistic Parameterization Model (REP) for Enhancing Typhoon Wind Field Accuracy and Storm Surge Forecasting	I
PO-30	Kuo-Wei Yen	Generalized Additive Modeling of Chlorophyll-a Concentrations in the Taiwan Strait: Insights from Remote Sensing and Fluorescence-Based Quantification	II
PO-31	Chung-Ru Ho	Negative Vorticity Increase in the West Luzon Strait Induced by Cyclonic Mesoscale Eddies East of Taiwan	I
PO-32*	Myeongseop Kim	Long-Term Trends of Phytoplankton Protein Concentration in the East Sea/Japan Sea Based on Ocean Color Remote Sensing	II
PO-33*	Yu-Chien Cheng	Can Machine Learning Integrate Physical Principles for Accurate Reconstruction of Satellite-Derived Sea Surface Temperature in Cloudy Areas?	I
PO-34*	Wei-Chih Lin	Measuring the Atlantic Meridional Overturning Circulation Using Sea Surface Height Anomaly Data	II
PO-37*	Pei-Hua Wu	Impact of ENSO on Long-Term Environmental Changes in Taiwan Waters and Its Response Strategies	I
PO-38*	Xing-Han Wu	Chlorophyll-a (Chl-a) Concentration Retrieval and Its Spatial-Temporal Variation Based on Geostationary Satellite Observations in the Taiwan Strait	II

Number	Presenter	Title	Group
PT-35*	Yen-Chun Chen	Influence of Environmental Conditions on the Rapid Intensification of Tropical Cyclones in the Northwest Pacific	I
PT-36*	Jia-En Lin	High Chlorophyll Responses to Category 1 Typhoon Nalgae (2022) in the Northern South China Sea	II
PA-20	Xiaohui Zhu	Using Time-Series Neural Networks to Retrieve CH ₄ Concentration in Global Surface Ocean	I