

January 13, 2025 (Monday)

Start	End	Activities
13:00	20:00	On-site registration and check-in (Xiamen International Conference Center)
18:30	20:30	Icebreaker (InterContinental Xiamen)

January 14, 2025 (Tuesday)

8:15-8:30	Opening Ceremony STRAITS HALL													
8:30-9:10	KEYNOTE: Unlocking the Mysteries of the Ocean's Largest Reduced Carbon Reservoir - Lihini Aluwihare/University of California San Diego STRAITS HALL													
9:109:50	KEYNOTE: The Ocean's Interior and Its Role in Carbon Cycling - Gerhard J. Herndl/University of Vienna STRAITS HALL													
9:50-10:10	COFFEE BREAK													
	1B 1C 1D 1E 1F-1 1G01 1G02 2A 2C STRAITS HALL 3B 3C													
10:10-11:40	S10 - Biogeochemistry of Trace Metals	S22 - Impacts of Climate Change and Human Activity on Ocean Food Production	S9 - Global Ocean Changes: Regional Processes and Ecological Impacts	S13 - Coastal Environmental Ecology		S61 - Blue Food Futures	S2 - Arctic Ocean: Physical Processes and their Effects on Climate and the Ecosystem	S3 - The Nitrogen Cycle Towards a Sustainable Ocean	S30 - Planktonic and Microbial Contributions to Marine Ecosystems and Biogeochemistry	S25 - IGAC- SOLAS	S65 - Oceanic- Atmospheric Processes Over the Indian and Western Pacific Oceans	S69 - Emerging Contaminants in the Marine Environment and Polar Region		
12:00-13:15			TH1 - What is ASLO and What Can It Do For You?			E3 - SOLAS China Youth Science Committee		E1 - How Can New Technology Assist Oceanographers						
13:30-15:00	S10 - Biogeochemistry of Trace Metals	S8 - Modern and Past Processes of Ocean- Atmosphere-Climate Interactions	S25 - IGAC-SOLAS	S13 - Coastal Environmental Ecology	S9 - Global Ocean Changes: Regional Processes and Ecological Impacts	S61 - Blue Food Futures	S2 - Arctic Ocean: Physical Processes and their Effects on Climate and the Ecosystem	S3 - The Nitrogen Cycle Towards a Sustainable Ocean	S30 - Planktonic and Microbial Contributions to Marine Ecosystems and Biogeochemistry		S65 - Oceanic- Atmospheric Processes Over the Indian and Western Pacific Oceans	S69 - Emerging Contaminants in the Marine Environment and Polar Region		
15:00-15:20					'	<u>'</u>	COFFEE BREAK			'				
15:20-16:50	S10 - Biogeochemistry of Trace Metals	S8 - Modern and Past Processes of Ocean- Atmosphere-Climate Interactions	S25 - IGAC-SOLAS	S13 - Coastal Environmental Ecology	S9 - Global Ocean Changes: Regional Processes and Ecological Impacts	S56 - Marine Microplastics	S2 - Arctic Ocean: Physical Processes and their Effects on Climate and the Ecosystem	S3 - The Nitrogen Cycle Towards a Sustainable Ocean	S62 - Assessment and Simulation of Coupled Human-Sea Systems		S65 - Oceanic- Atmospheric Processes Over the Indian and Western Pacific Oceans	S69 - Emerging Contaminants in the Marine Environment and Polar Region		
16:50-18:30	E6 - Book Launch - "Marine Fishes of China and Adjacent Waters" POSTER SESSION Presentations for S2, S3, S8, S9, S10, S13, S22, S25, S30, S56, S61, S62, S65, S69 POSTER HALL					WS6 - ASEAN Marine Research and Collaborations						WS7 - Asia-Africa International Early Career Scientists Workshop		
18:30-21:00		WS2 - Ocean Science Education and Outreach: Broadening the Reach of Your Science	E4 - Women in Science (1 st Floor Dining Area)											



January 15, 2025 (Wednesday)

	1B	1C	1D	1E	1F-1	1G01	1G02	2A	2C	STRAITS HALL	3B	3C
8:30- 10:00	S27 - Coastal Evolution	S49 - Neogene Climate-Carbon Dynamics in the Indonesian Seaway	S9 - Global Ocean Changes: Regional Processes and Ecological Impacts	S13 - Coastal Environmental Ecology		S41 - Atlantic Meridional Overturning Circulation, Variability, Impacts	S4 - Extreme Weather and Climate Events	S3 - The Nitrogen Cycle Towards a Sustainable Ocean	S45 - New Data and Technologies in Marine Organic Matter Cycling	S25 - IGAC- SOLAS	S48 - Importance of Marine Protected Areas	S56 - Marine Microplastics
10:00- 10:20							COFFEE BREAK					
10:20- 11:00		KEY	'NOTE: The Ocean an	d Human Health Ne	xus: Linkages from		to Abyssal Fish and I STRAITS HALL	Biomedical Insight - Joh i	n Stegeman/Woods Hole	Oceanographic In	stitution	
11:00- 11:40				KEYNOTE: Blue Fo	ods: Bringing Fish	•	ure Into Food System STRAITS HALL	Policymaking - James L	eape/Stanford University			
12:00- 13:15							WS4 - How to Write Effective Reviews and Improve Your Own Manuscript					
13:30- 15:00	S27 - Coastal Evolution	S49 - Neogene Climate-Carbon Dynamics in the Indonesian Seaway	\$25 - IGAC-SOLAS	S44 - Western Boundary Currents, Eddies and Their Impacts	S72 - Sea Turtle and Marine Mammal Conservation	S41 - Atlantic Meridional Overturning Circulation, Variability, Impacts	S4 - Extreme Weather and Climate Events	S 12 - Harmful Algal Blooms and a Healthy Ocean	\$45 - New Data and Technologies in Marine Organic Matter Cycling		S48 - Importance of Marine Protected Areas	S32 - Digital Twins of the Ocean (DTO)
15:00- 15:20							COFFEE BREAK				'	
15:20- 16:50	S27 - Coastal Evolution	S53 - Geological Analogues for Future Warm Oceans and Climate	S7 - Ross Sea Oceanography	S44 - Western Boundary Currents, Eddies and Their Impacts	S72 - Sea Turtle and Marine Mammal Conservation	S20 - Decadal Climate Variability: Key Processes	S4 - Extreme Weather and Climate Events	\$12 - Harmful Algal Blooms and a Healthy Ocean	S11 - Modelling the Ocean Carbon Cycle Across Scales		\$39 - Ocean Boundary Layer Turbulence	S32 - Digital Twins of the Ocean (DTO)
16:50- 18:30							E2 - Meet the Editors	WS1- Teaching Introductory Ocean and Environmental Sciences Courses		LIGHTNING TALK LIGHTNING TALK AF		
18:30- 21:00		WS3 - Coastal-SOS Thailand										



January 16, 2025 (Thursday)

	1B	1C	1D	1E	1F-1	1G01	1G02	2A	2C	STRAITS HALL	3B	3C		
8:30- 10:00	S24 - Estuaries and Coastal Environments	S6 - Tropical Cyclone-Ocean Interactions	S18 - Carbon and Nitrogen Cycles in Coastal Ecosystems	S60 - Indian Ocean Dynamics		S20 - Decadal Climate Variability	S21 - Studying Ocean Dynamics with Autonomous Platforms	S46 - Oceanic Mesoscales and Submesoscales	\$23 - Sea Level Rise	S12 - Harmful Algal Blooms and a Healthy Ocean	S32 - Digital Twins of the Ocean (DTO)	S72 - Sea Turtle and Marine Mammal Conservation		
10:00- 10:20	COFFEE BREAK													
10:20- 11:00		KEYNOTE: Nutrient Regulation of Biological Nitrogen Fixation in Present and Future Oceans - Dalin Shi/Xiamen University STRAITS HALL												
11:00- 11:40	KEYNOTE: Ocean Meets Network Science: Exploring Extreme Ocean-Related Events via a Complex Network Approach - Jürgen Kurths/Potsdam Institute for Climate Impact Research STRAITS HALL													
12:00- 13:15	TH2 - Regional Modelling for the East Asian seas and Western Pacific Ocean			WS5 - Tips About Writing and Publishing Your First Paper										
13:30- 15:00	S24 - Estuaries and Coastal Environments	S6 - Tropical Cyclone-Ocean Interactions	\$18 - Carbon and Nitrogen Cycles in Coastal Ecosystems	\$60 - Indian Ocean Dynamics	S70 - Internal Waves and Ocean Mixing	S21 -Studying Ocean Dynamics with Autonomous Platforms	S31 - Blue Carbon	S46 - Oceanic Mesoscales and Submesoscales	\$23 - Sea Level Rise		S33 - Ocean Negative Carbon Emissions	S51 - Changing Coastal Environment		
15:00- 15:20						C	OFFEE BREAK							
15:20- 16:50	S24 - Estuaries and Coastal Environments	S55 - Coastal Zone Evolution and Tipping Process	S54 - Coastal Zone Remote Sensing	S60 - Indian Ocean Dynamics	S70 - Internal Waves and Ocean Mixing	S67 - Early Career Ocean Professional Engagement	S31 - Blue Carbon	S46 - Oceanic Mesoscales and Submesoscales	S29 - Marine Carbon Dioxide Removal (mCDR)		S33 - Ocean Negative Carbon Emissions	S51 - Changing Coastal Environment		
16:50- 18:30	and Clim						S28, S29, S31, S33,	POSTER SESSION 5, S14, S15, S17, S18, S1 , S35, S40, S42, S46, S51 59, S60, S63, S66, S67, S POSTER HALL	., S54, S55, S57, S58,		LIGHTNING TALKS LIGHTNING TALK AR			



January 17, 2025 (Friday)

	1B	1C	1D	1E	1F-1	1G01	1G02	2A	2C	STRAITS HALL	3B	3C	
8:30- 10:00	S57 - Contaminants Across the Marine Continuum	S55 - Coastal Zone Evolution and Tipping Process	S54 - Coastal Zone Remote Sensing	\$17 - Coastal Hydrodynamics for a Sustainable Ocean	S59 - Impacts of Climate and Biogeochemical Extremes	S15 - Ocean Deoxygenation	S 42 - Deep- time Ocean and Climate Changes	S46 - Ocean Mesoscales and Submesoscales	S28 - The Ocean's Biological Carbon Pump		S19 - Marine Plankton Ecosystem and Global Climate Change	S63 -Blue Economy and New Quality Productive Forces	
10:00- 10:20	COFFEE BREAK												
10:20- 11:50	S57 - Contaminants Across the Marine Continuum	S26 - Deep- Sea Microbial Ecology and Biogeochemistry	S35 - Eddy Variability in the Ocean and Atmosphere	\$17 - Coastal Hydrodynamics for a Sustainable Ocean	S59 - Impacts of Climate and Biogeochemical Extremes	S15 - Ocean Deoxygenation	S42 - Deeptime Ocean and Climate Changes	S14 - Benthic Fauna	S28 - The Ocean's Biological Carbon Pump		S19 - Marine Plankton Ecosystem and Global Climate Change	S63 - Blue Economy and New Quality Productive Forces	
13:30- 15:00		S40 - Hydrothermal Geochemistry	S35 - Eddy Variability in the Ocean and Atmosphere			\$15 - Ocean Deoxygenation	S42 - Deeptime Ocean and Climate Changes	S58 - Molecular Approaches to Oceanography	S28 - The Ocean's Biological Carbon Pump	\$17 - Coastal Hydrodynamics for a Sustainable Ocean	S19 - Marine Plankton Ecosystem and Global Climate Change	S66 - Biomarkers in the Sea	
15:00- 15:20		COFFEE BREAK											
15:20- 16:00		KEYNOTE: Frontiers in Global Ocean and Earth Sciences and Cutting-edge Technologies - Jian LIN/Southern University of Science and Technology STRAITS HALL											
16:00- 17:00							entation Awards & Clo STRAITS HALL	osing					