

Poster presenters are expected to be available to answer questions

POSTER SESSION, APRIL 18-19

Session A01: Role of the Indo-Pacific Ocean in Regional Climate Change and Variability

A1-P1	The role of eddy on Leeuwin Current: revisited based on mooring observations	Qinyan Liu
A1-P2	Influence of Indian Ocean Dipole on the tropical cyclone activity over the western North Pacific in boreal autumn	Qun Zhou
A1-P3	The impact of layer perturbation potential energy on the East Asian summer monsoon and the related mechanism	Lidou Huyan
A1-P4	A 1/8° Western-Pacific Ocean and Northern-India Ocean Regional Model for Quantifying Oceanic Transport and Seasonal Circulation	Liang Lin
A1-P5	Mechanisms for a teleconnection pattern in response to the MJO	Kyong Hwan Seo
A1-P6	Variability of sea level anomalies in western Pacific during La Nina events with negative Indian Ocean dipole	Fuwen Qiu
A1-P7	Understanding the mechanism of seasonal upwelling and downwelling at the southern coast off Makassar Strait	Muhammad Arief Wibowo
A1-P8	Variability of Banda Sea Subsurface Temperature While Central Pacific and Eastern Pacific El Niño	Budi Prasetyo

Session A02: Atmospheric Deposition and Biogeochemical Interaction Processes

A2-P1	Simulative nutrients dissolution of Asian aerosols in various atmospheric waters: potential links to marine primary productivity	Lingyan Wang
A2-P2	Rare Earth Elements of rainwater in Shandong Peninsula and its contribution to the Northwest Pacific marginal sea	Wenkai Guan
A2-P3	The correlations between AOD retrieved from MODIS and ground-based observation of aerosol components	Bo Wang
A2-P4	Biogeochemical significance of Asian aerosol deposition in the southern East Sea	Jeongwon Kang
A2-P5	Synoptic and dynamic study and numerical simulations of dust storms in Summer time in West and South West of Iran	Nasim Hossein Hamzeh
A2-P6	The variability of the African dust transport across the Atlantic: A satellite perspective	Ling Meng

Session A03: Risk and Vulnerability Assessment on Coastal Sea Level related Hazards

A3-P1	Characteristics of tide-surge interaction and its role in the distribution of surge residual along the coast of China	Jianlong Feng
A3-P2	Mapping setback lines for predicting the coastal change as a consequence of sea level rise and coastal erosion: A case study of Ba Ria – Vung Tau province, Vietnam	Nguyen Ngoc Tuyen
A3-P3	The Study of Ocean Surge Occurrence along Victoria Island Bar-Beach using Weather Parameters	Michael Ochei

Session A04: Western Boundary Current: Dynamics, Variability and their Impacts on Climate and Marine Ecosystems

A4-P1	SST frontal variability and air-sea interaction from Eastern China to Kuroshio	Yuntao Wang
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A4-P2	South China Sea intraseasonal variability and basin mode	Haiyuan Yang
A4-P3	Evaluation of ROMS simulation on South China Sea Kuroshio area against satellite observations	Lei Chen
A4-P4	Enhanced diapycnal mixing from double diffusion	Yongzheng Liu
A4-P5	Spatial and Temporal Variations of the Bidirectional Kinetic Energy Cascades	Shengpeng Wang
A4-P6	Variability of the Pacific North Equatorial Current from 1993 to 2012 Based on a 1/8° Pacific Model Simulation	Zhichun Zhang
A4-P7	Interannual modulation of eddy kinetic energy in the northeastern South China Sea as revealed by an eddy-resolving OGCM	Zhongbin Sun

Session A05: Sediment Source-to-sink Process in the Western Pacific

A5-P1	Estimation of Sedimentation Rate and Age of Sediment by Using Lead-210 (210Pb) as Radioactivity Tracers in Core Sediment of Sungai Muar, Johor, Malaysia.	Wan Mohamad Ikhran bin Wan Jamil
A5-P2	Analyzing the separation character by the calculation of mineral indexes of the sediments from the Pearl River Mouth the around area	YAN Bin
A5-P3	Lead in the West Pacific: Evidence of atmospheric deposition and its implication for regional energy consumption shift	Bin Wu
A5-P4	Distribution and potential contamination of biogenic elements in surface sediments from typical sea areas of Southern China	Caiying Liang
A5-P5	Deep-sea carbonate preservation in the western Philippine Sea over the past 1Ma	Hanjie Sun
A5-P6	Distribution and sources of sedimentary organic matters in the Beibu Gulf, China	Haoda Zhou

Session A06: Past Climate Variations over the Asian Continental Margin

A6-P1	Tracing the Nd isotope evolution of the semipelagic seawater since the LGM in the Okinawa Trough	Yanguang Dou
A6-P2	Detrital sediment provenance and paleoenvironmental evolution in the middle Okinawa Trough since 16 ka: Sr–Nd–Pb isotopic evidence	Ningjing Hu
A6-P3	Climatic-oceanographic controls on Sea Surface pH and pCO ₂ in the Western Tropical Pacific during the Last 150 ka	Jingteng Guo
A6-P4	Deep-water carbonate ion concentrations	Bingbin Qin
A6-P5	The feature and origin of suspended barite in the Yangtze River estuary and its adjacent areas	Yue Pang
A6-P6	Sediment provenance variations in the southern Okhotsk Sea over the last 180 ka: evidence from light and heavy minerals	Kunshan Wang
A6-P7	A new method for determining the absolute abundance of diatoms from marine sediments	Yuanhui Huang
A6-P8	Depositional environment in the western Pacific warm pool from the last glacial maximum to the Holocene and its climatic implication	Jianguo Liu
A6-P9	Archaeal Diversity on the Ontong Java Plateau from Center of the West Pacific Warm Pool	Sarengaowa
A6-P10	Biological post-adsorption process of REE phosphate mineralization by microorganism	Mingyu Jiang
A6-P11	The Sunda Strait opening control on provenance variations offshore eastern Indian Ocean: constraints on Sr-Nd-Pb isotopes	Yonghang Xu
A6-P12	The impact of the tropical Pacific rain on the evolution of Intertropical convergence zone during the last 360, 000 years	Shuai Zhang

A6-P13	Early Holocene sea-level jumps on the inner shelf of the East China Sea	Fengming Chang
A6-P14	Seasonal and inter-annual anomalies of sea surface temperature offshore northeastern Taiwan and its implication to historical climate reconstructions	Song Zhao
A6-P15	Autotrophic potential in mesophilic heterotrophic bacterial isolates from Sino-Pacific marine sediments	Wen-Rui Cao
A6-P16	Sedimentary Records of East Asian Winter Monsoon Evolution in Recent 150 Years	Yuan Tian
A6-P17	Magnetostratigraphy of long sediment cores from the South Yellow Sea and its paleoenvironmental significances	Jianxing Liu
A6-P18	The surface and deep ocean circulation in the central Japan Sea of the last 70,000 years	Yonghua Wu
A6-P19	The evolution of the Yellow Sea Warm Current under the background of East Asian Monsoon since mid Holoence	Zhong Pi
A6-P20	The hydrological characteristics in the tropical Pacific over the last 700ka	Qi Jia
A6-P21	Provenance discrimination of siliciclastic sediments in the central Bay of Bengal and their implication for paleoenvironmental records since 42.8 ka	Jingrui Li
A6-P22	Sedimentary records of Late Quaternary Laurentide and East Siberian ice sheets history in Arctic Ocean	Linsen Dong
A6-P23	Upper water structure and properties in the Ninetyeast Ridge of Indian Ocean since late Pleistocene and paleoclimatic implication	Xuan Ding
A6-P24	Exploring the Northwest Pacific Ocean since the Last Glacial Maximum based on Sino-German Pacific Ocean Experiment (SiGePax)	Gerrit Lohmann

Session A07: Asian Marginal Seas: Physics, Biogeochemistry and Ecosystem

A7-P1	Sources and export of nutrients associated with integrated multi-trophic aquaculture in Sanggou Bay, China	Li Ruihuan
A7-P2	Mercury in bottom sediments of north-east Asia, influence of natural and anthropogenic mercury	Maksim Ivanov
A7-P3	Temporal and spatial distributions of 5-day biochemical oxygen demand and bioavailability of the organic matters in the Mirs Bay, the northern South China Sea	LIN FAN
A7-P4	Phytoplankton growth and grazing loss in the west and east coast of Peninsular Malaysia	LIM JOON HAI
A7-P5	On the Yellow Sea Warm Current and Its Relationship with Water Exchange of the Bohai Sea	Chao Ma
A7-P6	Phytoplankton dynamics modulated by wind mixing and cold convective overturn in the northern South China Sea	Bingxu Geng
A7-P7	The burial fluxes of Opal-P and other forms of bioavailable phosphorus in surface sediments in the East China Sea	Huanxin Li
A7-P8	The contribution of REE input from the Yellow River to the Bohai Sea: impact of water and sediment regulation	Mujian Li
A7-P9	Fractionation, sources and anthropogenic effects of rare earth elements (REEs) and trace metals in core sediments of the East China Sea Shelf	Yanli Liu
A7-P10	Generation and propagation of nonlinear internal waves in the southern Andaman Sea derived from synthetic aperture radar images	Zhang Shanwu
A7-P11	Impact of El Niño on the spatiotemporal variability of phytoplankton chlorophyll-a in the South China Sea	Eko Siswanto
A7-P12	Physico – chemical study of The Rajang River and its Estuaries	Mohd Fakhruddin Bin Muhamad
A7-P13	Abundance and Distribution of Microbes and Picophytoplankton along distinct (salinity) profiles of a peat-draining river in Sarawak (Rajang and its tributaries) and its discharge/plume in the South China Sea	Edwin Sien Aun SIA

A7-P14	Overview of dissolved greenhouse gas measurements in peat-draining rivers in Sarawak, Malaysia	Moritz Mueller
A7-P15	The anomalous hydrological conditions forming in LaPerouz (Soya) Strait and the Japan / East Sea adjacent part under the Okhotsk High influence at summer	Valentina Moroz
A7-P16	Mesoscale water dynamics in the northern Japan/East Sea and its impact on biogeochemical processes	Vyacheslav Lobanov

Session B08: Marine Taxonomy and Biogeography

B8-P1	Diversity of sand-dwelling dinoflagellates from Perhentian Islands, Malaysia	Zhen Fei Lim
B8-P2	Size structure and biomass of zooplankton succession in the tropical coastal waters off Port Dickson in the Straits of Malacca	Teruaki Yoshida
B8-P3	Chirodropids Hotspot in the Gulf of Thailand	Phuping Sucharitakul
B8-P4	Live benthic foraminifera in the Yellow Sea and the East China Sea: vertical distribution, nitrate storage, and denitrification	Zhaomeng Xu
B8-P5	Swimming behavior and activity of <i>Acartia</i> (Copepoda; Calanoida) under changing light intensity	Teruaki Yoshida
B8-P6	The Taxonomy of Commercially Important Sea Cucumber from the genus <i>Apostichopus</i>	Woo Sau Pinn
B8-P7	Biological diversity of Mae Klong estuary, Samut Songkhram Province, Thailand	Narongrit Lertkasetvittaya
B8-P8	Pyrosequencing reveals rapid changes in <i>Acropora</i> -associated Symbiodinium communities following a transplantation experiment in Pulau Satang Besar, Sarawak	Ang Chung Huap
B8-P9	Morphological and molecular phylogenetic position of <i>Prorocentrum micans</i> sensu stricto and description of <i>Prorocentrum koreanum</i> sp. nov.	Pengbin Wang

Session B09: Status, Trends of Marine Biodiversity, and Impacts of Climatic and Anthropogenic Stressors

B9-P1	Assessment of feeding-behavior interactions between the introduced Pacific white shrimp <i>Litopenaeus vannamei</i> (Boone, 1931), (Penaeidae) and native shrimps plus a crab species in Thailand	Voranop Viyakarn
B9-P2	Investigation of zooxanthellae in early to juvenile stages of staghorn corals in a rearing system	Suppakarn Jandang
B9-P3	Monsoonal variations in abundance and grazing rates of microzooplankton in a tropical mangrove estuary	Yong Yu Lin
B9-P4	Acute and chronic effects of temperature and ocean acidification stress on the zooxanthellate anemone, <i>Anthopleura handi</i> in Singapore	Jasmine Tong
B9-P5	Distribution and Abundance of Intertidal Sponge (Porifera) Communities in Coral Reefs of Singapore	Jasmine Tong
B9-P6	Diversity of symbiotic dinoflagellates in corals in the upper Gulf of Thailand	Aissara Srisuk
B9-P7	Multiple stressors – A doom for coral reef ecosystem	Afreen Hussain
B9-P8	Genetic diversity of seagrass species <i>Enhalus acoroides</i> : a comparison between degraded and healthy seagrass beds in Vietnam	Xuan-Vy Nguyen
B9-P9	Coral bleaching phenomenon in the Ninh Hai coastal waters in 2016	Quang Minh Thai
B9-P10	Reproductive biology of the massive coral, <i>Porites lutea</i> at Mu Ko Samae San, Chon Buri Province in the upper Gulf of Thailand	Peeradon Kirdpol
B9-P11	Diversity of gorgonians and gamete development of gorgonian, <i>Dichotella gemmacea</i>	Apirut Nilpanapan

B9-P12	Occurrence of coral diseases in shallow water reefs in the Gulf of Thailand	Matthika Daengyaem
B9-P13	Coral disease in the coral hatchery of Thailand	Dewi Embong Bulan
B9-P14	Microbial diversity in the reef area, Samae San Island, Thailand	Heru Kusdianto
B9-P15	Coastal Resources Utilization and Conservation Issues in the Sonadia Island, Bangladesh	Sheikh Aftabuddin
B9-P16	Biodiversity of Larger Foraminifera along Patch Reef System in Panggang Island, Indonesia: Implication of Anthropogenic Process on coral reefs ecosystem	Marfasran Hendrizan
B9-P17	Analysis dynamics of phytoplankton community characteristics in the northwest Beibu Gulf	Wei Kang
B9-P18	Vibrio dynamics in a tropical coastal waters	Wong Yi You
B9-P19	Assessment of microbial diversity in the surface sediments of an undisturbed tropical peat-draining river using pyrosequencing	Nastassia Binti Denis

Session B10: Research and Conservation of Endangered Species

B10-P1	Relationship between quantities of mud clam (<i>Austriella corrugata</i> Deshayes, 1843) and physicochemical characteristics in intertidal of northern Vietnam: case study in Vandon district, Quangninh province	Tran Thi Thu Trang
B10-P2	Role of heat-resistant fungal endophytes in the survival of lowland <i>Nepenthes</i> species	Fiona Chung

Session B11: Sustainable Fisheries and Environmentally Friendly Aquaculture

B11-P1	Comparative phosphoproteomic analysis of salinity stress-responsive proteins in <i>Dunaliella Salina</i> nuclei	Yuan Wang
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Session C13: Chemical Contaminants and Issues of Emerging Concern

C13-P1	Oxidative Damage of Di-2-ethylhexyl phthalate on <i>Isochrysis zhanjiangensis</i>	Tianyi Wang
C13-P2	Kinetics and thermodynamics of dissolved petroleum hydrocarbons onto sediment under sophorolipid function and its effect to oil behavior end-result in marine environment	Li Haoshuai
C13-P3	Bioaccumulation of trace metals by three demersal fishes of Algerian coast: influence of biochemical composition	Inal Ahmed
C13-P4	Microplastics and mesoplastics in fish from coastal and fresh waters of China	Khalida Jabeen
C13-P5	Monitoring ¹³⁷ Cs in the Luzon Strait and its adjacent seas between 2014 and 2016	Hequan Gu
C13-P6	Bivalves as indicators of microplastic pollution in aquatic environments	Sulei
C13-P7	Provenance and Distribution of Metals from Rivers of Northern Terengganu, Malaysia to the South China Sea coast	Noor Azhar M Shazili
C13-P8	Organ specific location of microplastics in the mussel <i>Mytilus edulis</i>	Prabhu Kolandhasamy
C13-P9	Microplastics in sediments of the Changjiang Estuary, China	Guyu Peng
C13-P10	Environmental changes in an anthropogenically-altered area in Bolinao: Geochemical traces in mariculture operations	Erika Grace M. Gernato

C13-P11	Eutrophication in the coastal waters of Southeast Asia: A collaborative NANO Regional Research Project	Phan Minh Thu
C13-P12	Prevalence of Antibiotic Residues and Antibiotic Resistance Genes in <i>Escherichia coli</i> in Taiping river estuary, Perak	Kyle Young Low
C13-P13	Method verification on commercially-available rapid test kits on the analyses of pathogenic microorganism	Mae Bianca Monroy
C13-P14	Detection of selected veterinary antibiotics in Peninsular Malaysian aquaculture waters	Thiang Ee Lean
C13-P15	Increase of Green Mussel (<i>Perna viridis</i>) Larval Abnormality Due to Toxicity of Jakarta Bay (Indonesia) Near-Shore Sediments	Muhammad Reza Cordova

Session C14: Ocean Acidification and its Impacts on Marine Ecosystems

C14-P1	Carbon dioxide fluxes and primary productivity in the Gulf of Thailand	Khanittha Uthaiapan
C14-P2	Effects of temperature and pH on the oxygen consumption rates and behaviors of the nudibranch, <i>Jorunna funebris</i> (kelaart, 1858)	Narainrit Chinfak
C14-P3	Primary Study of Seawater pH Standard Material and Production Processes	Shi Chaoying

Session C15: Harmful Algal Blooms

C15-P1	Eutrophication status and red tide phenomena along the west coast of Phuket Island, the Andaman Sea	Jiraporn Charoenvattanaporn
C15-P2	Potentially Harmful Algal Blooms species (HABs) in Cebu and Subic Ports, Philippines and ballast waters of international vessels	Rhodora V. Azanza
C15-P3	Report of a bloom-forming and ichthyotoxic dinoflagellate <i>Karenia selliformis</i> (Gymnodiniales, Dinophyceae) from the coastal waters of Hong Kong	Jiyan Wang
C15-P4	A study on Harmful Algal Blooms (HABs) detection according to red tide species and occurrence waters based on satellite data	Shin Jisun
C15-P5	The temporal and spatial distribution of phytoplankton pigments and community in Lingshui Bay and Xincun Bay, Hainan province	Xiaomin Wang
C15-P6	Overview of <i>Pseudo-nitzschia</i> (Bacillariophyceae) in Malaysia	Teng Sing Tung
C15-P7	Predation and reproduction response of mesozooplankton assemblages during <i>Noctiluca scintillans</i> blooms in Daya Bay, South China Sea	Youmai Li
C15-P8	<i>Fukuyoa</i> and <i>Gambierdiscus</i> (Dinophyceae) species diversity from Vietnamese coastal waters	Ho Van The
C15-P9	Morphotypes of <i>Prorocentrum lima</i> (Dinophyceae) from Hainan Island, South China Sea: Morphological and molecular characterization	Hua Zhang
C15-P10	First report of two benthic dinoflagellates, <i>Gambierdiscus balechii</i> and <i>Gambierdiscus carpenteri</i> from Santiago Island, Bolinao, Pangasinan Northwestern Philippines	Garry Benico
C15-P11	Exploration of body scales on unarmored dinoflagellate <i>Amphidinium</i> spp. collected from the Western Pacific	Mitsunori Iwataki
C15-P12	Ultrastructure and molecular phylogeny of armored dinoflagellate <i>Oxytoxum</i> sp. culture strain	Kazuya Takahashi
C15-P13	Monitoring of a paralytic shellfish toxin-producer, <i>Alexandrium tamiyavanichii</i> (Dinophyceae) in Kuantan Port, Pahang using the qPCR detection	Liow Guat Ru
C15-P14	Distribution of toxic dinoflagellates <i>Alexandrium tamarensense</i> and <i>Alexandrium catenella</i> in Lake Akkeshi and Akkeshi Bay, located at western north Pacific	Shoko Hosoi
C15-P15	Prolonged Bloom of toxic dinoflagellate <i>Alexandrium minutum</i> (Dinophyceae) at semi-enclosed lagoon of Tumpat, Malaysia	Ing Kuo Law

C15-P16	Relationship between phytoplankton community succession and environmental parameters in Qinhuangdao coastal areas, China: A region with recurrent brown tide outbreaks	Lei Cui
C15-P17	Nutritional analysis of <i>Aureococcus anophagefferens</i>	Jian Gao
C15-P18	Preliminary Study on Prevention of Adhesion and Growth of Green Tide Algae	LIU Cai-cai
C15-P19	Variation of microbial community during succession of <i>M.rubrum</i> to <i>Dinophysis</i> bloom	Han Gao
C15-P20	Cultivable bacterial communities associated with established <i>Chattonella marina</i> (Raphidophyceae) and <i>Skeletonema costatum</i> (Bacillariophyceae) cultures	Zhaohui Wang
C15-P21	Interspecific competition between <i>Levanderina fissa</i> (Dinophyceae) and the other three microalgal species in co-cultures	Zhaohui Wang
C15-P22	Phosphorus regulates circadian clock gene expression in the marine diatom <i>Skeletonema costatum</i>	Yue Wu
C15-P23	Description of carbon fixation pathway based on <i>Skeletonema marinoi</i> transcriptome	Liu Qian
C15-P24	Transcriptomic analyses of <i>Scrippsiella trochoidea</i> revealed genes possibly relevant to encystment and dormancy of dinoflagellates	Yunyan Deng
C15-P25	Inactivation of <i>Scrippsiella trochoidea</i> cysts by different physical and chemical treatments	Weibiao Liang
C15-P26	Cell cycle regulation of in situ blooming cells of dinoflagellate <i>Prorocentrum donghaiense</i> revealed by iTRAQ proteomics	Tianqi Liu
C15-P27	Metaproteomics reveals major microbial players and their metabolic activities during the blooming period of a marine dinoflagellate <i>Prorocentrum donghaiense</i>	Dongxu Li
C15-P28	Effect of nitrogen limitation on the growth and cell cycle of dinoflagellate <i>Prorocentrum donghaiense</i>	Xuewei Mao
C15-P29	Proteogenomics reveals the role of C4 cycle in the bloom formation of a dinoflagellate <i>Prorocentrum donghaiense</i>	Hao Zhang
C15-P30	Distribution of dinoflagellate resting cysts in the sediment of the Jiaozhou Bay, China	Pingping Shen
C15-P31	Distribution of Dinoflagellate Cysts in Modern Sediments of Ambon Bay, Indonesia: focus on three potentially toxic invasive HAB species <i>Alexandrium sp.</i> , <i>Pyrodinium bahamense var. compressum</i> and <i>Cochlodinium polykrikoides</i>	Hikmah Thoha
C15-P32	Effects of different separation and concentration methods on counting and germination of cysts of <i>Scrippsiella trochoidea</i>	Lei Liu
C15-P33	Impacts of metal contamination and eutrophication on dinoflagellate cyst assemblages along Guangdong coast of the Southern China	Xinxin Lu

Session C16: Remote Sensing in Integrated Coastal and Marine Management

C16-P1	Intercomparison analysis of multi-infrared sea surface temperature data for the Northwest Pacific	Xi Meng
C16-P2	Cloud removal of Landsat-8 OLI data in the coastal area based on Back Propagation Artificial Neural Network algorithm	WANG Zheng
C16-P3	Retrieval of total suspended matter concentrations from high resolution WorldView-2 imagery : A case study of inland waters	Shi Liangliang
C16-P4	The Characteristics of Chromophoric Dissolved Organic Matter (CDOM) of the Changjiang Diluted Water (CDW): Implication of CDOM Sources	Zhang Xiaoyu
C16-P5	Mangrove density and species mapping using SPOT and Landsat satellite in Sebatik island	Hendrawan
C16-P6	Seagrass Ecosystem Services and Valuation in Merambong Shoal, Malaysia	Nurul Nadiah Yahya

C16-P7	Establishment and effectiveness of small traditional marine sanctuary in conserving the coastal zone living resources: A case study in the seagrass bed of Pari Islands, Indonesia	Sam Wouthuyzen
C16-P8	Application of remote sensing techniques for habitat mapping in coastal waters of Central of Vietnam – Experiences and new study orientations	Tong Phuoc Hoang Son
C16-P9	Characterization of Submerged Seagrass Using Sonar In Less Clear Water of Merambong Shoal, Johor	Syarifuddin Misbari
C16-P10	Potential uses of multi-sensor images for analyzing environmental characteristics on tidal flats	Yoon-Kyung Lee

Session C17: Rehabilitation and Conservation of Marine Ecosystems

C17-P1	Revisited coral restoration projects in Thailand after the 2010 coral bleaching event	Makamas Sutthacheep
C17-P2	The effectiveness of conservation based on increase in biodiversity in the Cu Lao Cham marine protected area (Quang Nam province, Vietnam)	Nguyen Dang Ngai
C17-P3	Economically important reef fish in the transplanted coral area	Se Songpoy
C17-P4	The long-term monitoring of coral communities in the Inner Gulf of Thailand influenced by the elevated seawater temperature and flooding	Sittiporn Pengsakun
C17-P5	Spatial and temporal variation of meiofauna in sandy beaches in the Eastern Gulf of Thailand	Wasana Phanthewee
C17-P6	Diseases and compromised health states of massive <i>Porites</i> spp. in the Gulf of Thailand and the Andaman Sea	Watchara Samsuvan
C17-P7	Ecological health status and trend of Xisha coral reef ecosystem	Zhendong Zhang
C17-P8	Research into marine ecological suitability assessment and zoning based on spatial analyst model: a case study in Dongtou County	yunyun xiang
C17-P9	Survival rates of two soft coral species (<i>Sinularia</i> sp. and <i>Sarcophyton</i> sp.) using different techniques for propagation	Benjawan Seeharun
C17-P10	Results of relocation of coral reefs for building a thermal power plan in Vinh Tan, Tuy Phong district, Binh Thuan province, Vietnam	Nguyen An Khang

Session D18: Ocean Observations, data and information management in the Indo-Pacific: Major Advances and Challenges

D18-P1	Land Movement Studies using Continuous GPS Technique at Phrachunlachomkiao Fort	Sommat Niemnil
D18-P2	Comparison of WRF 3D/4D-VAR Data Assimilations for Producing Sea Surface Wind Reanalysis around Korea	Ki-Young HEO
D18-P3	Observation and simulation of vertical structure change during typhoon passing in macro-tidal environment	Jin-Yong Choi
D18-P4	Introduction of Conductivity, Temperature and Depth (CTD) instruments calibration in NCOSM	Wang jun
D18-P5	Investigation of high accuracy marine pressure sensor based on silicon on sapphire	WU Sheng
D18-P6	Performance analysis of the deep taut-line oceanographic mooring system	Qinglei Su
D18-P7	Real-time monitoring of Changjiang River diluted water nutrient delivery and biological response in the Changjiang River Estuary	Kui Wang
D18-P8	Support of remote sensing data for monitoring and protecting marine environment	Phan Minh Thu
D18-P9	A New Version of Regional Ocean Reanalysis for Coastal Waters of China and Adjacent Seas	Fu Hongli

D18-P10	Collection and provision of marine biodiversity information by Japan: as local node activities in OBIS	Takashi Hosono
D18-P11	Study on information management under rapid growth of ocean data	Han Dong
D18-P12	Homogeneity Study of fixed-point continuous marine environmental and meteorological data	YANGYang

Session D19: Ocean and Climate Model Development and Applications

D19-P1	The relation of warm eddy to the intensity of super-typhoon in NorthWest Pacific	Guansuo Wang
D19-P2	Using idealized model experiment to study an eddy colliding with a seamount	Zilin Wei
D19-P3	Application of Ocean Numerical Model for Environmental Impact Assessment of the Coastal Development at Pakbara River Mouth, the southern part of Thai Andaman Sea	Nuttida Chanthasiri
D19-P4	Experimental study on wave turbulence interaction in wave tank	Hongyu Ma
D19-P5	Predicting physical-biological responses of island enlargement in the southern South China Sea through numerical models	Junmin Li
D19-P6	Fast responses of climate system to carbon dioxide, aerosols and sulfate aerosols without the mediation of SST in the CMIP5	Di Tian
D19-P7	Future projection of surface wind changes over the Southeast Asia region	Pipatthra Saesin
D19-P8	The prediction on the 2016/17 La Niña event from the earth system model FIO-ESM	Huaxia Liao

Session D20: Blue Economy, Renewable Energy and Science Policy and Governance

D20-P1	Techno-economic and sensitivity analysis of wave energy for sustainable living at Perhentian island in Malaysia	Fatin Syaifeira bt Baharuddin
D20-P2	Embarking on deep seabed mining: Opportunities and possible challenges for Malaysia	Nik Munirah Nik Fuad
D20-P3	Pilot project: wave power extracting device to supply electricity for Akuapolitan Kuala Nerus (Akn), Terengganu	Noraieni Mokhtar
D20-P4	Modeling and Simulation of Marine Incubation System in China	Yujie Zhang

Session

D21-P1	Ecosystem service research of Grain for Green Project in the provinces the upper and middle of China's Yangtze River and Yellow River flow through	Zuying Liu
D21-P2	Evaluation on the influence of natural forest protection program on forest ecosystem service of Key State-Owned Forest Districts in Northeast- Inner Mongolia	Longsheng Huang
D21-P3	Satellite images survey for identification the coastal sedimentary system changes and associated vulnerability along the western bay of the Gulf of Tunis (Northern Africa).	HZAMI Abderraouf
D21-P4	Challenging weather conditions and safety of offshore structure	Muhammad Imran
D21-P5	Natural products from co-cultivation of marine-derived endophytic fungi and the inhibition of nasopharyngeal cancer.	Kho Ik Hui
D21-P6	Research into marine ecological suitability assessment and zoning based on spatial analyst model: a case study in Dongtuo County	Yunyun Xiang

Session D22: Marine Scientific Advances and Knowledge Gap in the South China Sea

D22-P1	Red seaweed in South China Sea as a potential marine biomass for energy recovery by pyrolysis technique	Rock Keey Liew
D22-P2	South China Sea: Potentials and Boundary for Mega Biodiversity Hotspot	Woo Sau Pinn
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