

The 6th International Workshop on Marine Environmental Change of the South China Sea

Agenda

On-site Registration: Dec.3rd.2011

Meeting dates: Dec.4th -5th .2011

Venue: Twentyninth Floor, Guangzhou Baiyun Hotel

Workshop Program

09:00-12:20 Sunday, December 4th , 2011

Opening Ceremony and Keynote Speech Chair: Jilan Su / Guohong Fang / Dongxiao Wang Scribe: Weidong Yu Caiyun Conference Hall		
09:00-09:10	Welcome Remarks	Jilan Su and Dongxiao Wang
09:10-09:30	The South China Sea under Influences of the Java Sea and the Pacific Ocean	Motoyoshi Ikeda (Hokkaido University,Japan)
09:30-09:50	Quantifying the Impacts of Climate Change on Marine Shelf Ecosystems and Their Resources: Feeding the World in 2050	Manuel Barange (Plymouth Marine Laboratory,UK)
09:50-10:10	Evolution of Circulation Theory: from Gyration to Eddies	Ruixin Huang (Woods Hole Oceanographic Institution, USA)
10:10-10:30	Fluxes and Fates of River-derived Sediments into the South China Sea	J. Paul Liu (NC State University, USA)
10:30-11:00 Break, Photo Session and Poster Session (Biyun Conference Hall)		
11:00-11:20	Coastal Inlets, Disasters and Climate Change	Nalin Wikramanayake (Open University of Sri Lanka)
11:20-11:40	Bimodal Character of Cyclone Climatology in Bay of Bengal Modulated by Monsoon Seasonal Cycle	Weidong Yu (The First Institute of Oceanography, SOA, China)
11:40-12:00	Climate Factors Influencing on Whether Hurricanes Make Landfall	Chunzai Wang (National Oceanic and Atmospheric Administration, USA)
12:00-12:20	Nitrogen fixation in the northern South China Sea	Hongbin Liu (The Hong Kong University of Science & Technology, China)
12:20-14:00 Lunch (Buffet, Dining Hall on the Thirtieth Floor—Xiangyun West Restaurant)		

14:00-18:00 Sunday, December 4th, 2011

Session 1 Impact of Ocean Circulation in South China Sea for Climate Change Chairs: Achterberg Eric. P. and Guohong Fang Scribe: Guihua Wang Hongyun Conference Hall		
14:00-14:20	Changes in Track and Convection Associated with Tropical Cyclones over the South China Sea (Invited)	Johnny Chung Chan (City University of Hong Kong, China)
14:20-14:40	Validation of a Regional Atmospheric and Oceanic Coupled Model in the South China Sea	Jun Wei (Peking University, China)
14:40-15:00	Interdecadal Variability of the Eastward Current in the South China Sea Associated with the Summer Asian Monsoon	Guihua Wang (The second Institute of Oceanography, SOA, China)
15:00-15:20	Contribution of South China Sea Tropical Cyclones to Southern China Summer Rainfall Increase around 1993	Renguang Wu (The Chinese University of Hong Kong, China)
15:20-15:40 Break and Poster Session (Biyun Conference Hall)		
15:40-16:00	Ocean Trace Metal Biogeochemistry; The International GEOTRACES (Invited)	Achterberg Eric.P. (University of Southampton,UK)
16:00-16:20	Eddy Characteristics in the Northern South China Sea as Inferred from Lagrangian Drifter Data	Jiaxun Li (The second Institute of Oceanography,SOA, China)
16:20-16:40	Surface Inflow into the South China Sea through the Luzon Strait in Winter	Jingsong Guo (The First Institute of Oceanography, SOA, China)
16:40-17:00	Modeling Kuroshio-Seas Exchange and its Implication in Biogeochemical Transport in China Seas	Jianping Gan (The Hong Kong University of Science and Technology, China)
17:00-17:20	Hysteresis and Dynamics of Western Boundary Currents Flowing by a Wide Gap	Dongliang Yuan (Institute of Oceanology, CAS, China)
17:20-17:40	Upper Pycnocline Turbulence in the Northern South China Sea	Zhiyu Liu (Xiamen University, China)
17:40-18:00	Does the Asian Monsoon Modulate Tropical Cyclone Activity over the South China Sea?	Yuping Guan (LTO, SCSIO, CAS, China)
18:30-20:00	Banquet (Dining Hall on the Third Floor at the Hotel—Baiyun Haoyan)	

14:00-18:30 Sunday, December 4th, 2011

Second International Conference on Managing Ecosystem Health of Tropical Seas: Ecology of the South China Sea Chair: M.Munawar and Xiangdong Li Scribe: Fengling Yu Qingyun Conference Hall		
14:00-14:30	Global Application of Ecosystem Based Management in Freshwater and Marine Environments: Common Threats, Impacts and Issues (Invited)	M. Munawar (Fisheries & Oceans Canada)
14:30-14:50	Metal Contamination in Sediments of the Pearl River Estuary over the Last Decade (2000-2011)	Xiangdong Li (The Hong Kong Polytechnic University, China)
14:50-15:10	Coastal Ecosystem Modeling for Food Production and Livelihoods through Sustainable Aquaculture in Bangladesh	M. Shahadat Hossain (Institute of Marine Sciences and Fisheries, University of Chittagong)
15:10-15:30	Size Composition of Phytoplankton Communities in Hong Kong's Coastal Seas	Chi Hung Tang (The Chinese University of Hong Kong, China)
15:30-15:50	Population Dynamics of Calanus Sinicus in Marginal Habitats in the Coastal Waters of Hong Kong	Chong Kim Wong (The Chinese University of Hong Kong, China)
15:50-16:10	Break and Poster Session (Biyun Conference Hall)	
16:10-16:30	Biodiversity of Life History Patterns in Wildlife Conservation and Fisheries Management (Invited)	Ni I-Hsun (National Taiwan Ocean University, China)
16:30-16:50	Enrichment of Sea-surface Microlayer and Distributions of Bacterioplankton in Winter and Spring in Nanao Mariculture Areas, Shantou	Xiaojuan Hu (Jinan University, China)
16:50-17:10	Seasonal Variations of Phytoplankton under the Influence of the Pearl River Plume in the Continental Shelf of the Northern South China Sea: a Three-dimensional Coupled Physical-biogeochemical Modeling Study	Bingxu Geng (Sun Yet-Sen University, China)
17:10-17:30	Allelopathic Effects of Gracilaria Lemaneiformis on Selected 6 Species Microalgae in laboratory cultures	Qing Liu (Jinan University, China)
17:30-17:50	Abnormally-high Ammonium Groundwater in Pearl River Delta and its Possible Impact on Coastal Marine Environment	Jiu Jimmy Jiao (The University of Hong Kong)
17:50-18:10	Assessing Coastal Risk in Asia from Geological Records	Fengling Yu (Nanyang Technological University, Singapore)
18:10-18:30	Sorption and Biodegradation of Benzyl Butyl Phthalate on Marine Sediment	Xiangrong Xu (SCSIO, CAS, China)
18:30-20:00	Banquet (Dining Hall on the Third Floor at the Hotel—Baiyun Haoyan)	

08:30-12:00 Monday, December 5th, 2011

Session 2 Ocean Climate and Ecological Research on the Indian Ocean and South China Sea		
Chair: Nalin Wikramanayake and Shiqiu Peng Scribe: Kaizhi Li		
Caiyun Conference Hall		
08:30-08:50	Influence of Hydrological Changes to the Stability of Choke Lagoons Along Southern Cost of Sri Lanka: a Study Based on Four Lagoons (Invited)	Tilak Priyadarshana (Faculty of Fisheries and Marine Sciences & Technology, University of Ruhuna, Matara, Sri Lanka)
08:50-09:10	On the Eastward Shift of the Arabian Sea Oxygen Minimum Zone	Zuojun Yu (University of Hawaii, USA)
09:10-09:30	Physical Oceanography of the Southern South China Sea	Igor Belkin (University of Rhode Island, USA)
09:30-09:50	Summertime Primary Production in Northwest South China Sea: Interaction of Coastal Eddy, Upwelling and Biological Processes	Xingyu Song (LMB, SCSIO, CAS, China)
09:50-10:20	Break and Poster Session (Biyun Conference Hall)	
10:20-10:40	Restoration of coral reefs to mitigate climate change and environmental hazard impacts along the coastal belt of Sri Lanka	Terney Pradeep Kumara P.B. (Faculty of Fisheries and Marine Sciences & Technology, University of Ruhuna, Matara, Sri Lanka)
10:40-11:00	Microbial Food Web Structure and Connectivity in the Upper and Mesopelagic Layers of the Ocean	Richard B. Rivkin (Memorial University of Newfoundland, Canada)
11:00-11:20	Phosphorus Limitation in the Northern South China Sea during Late Summer: Influence of the Pearl River	Jie Xu (The Hong Kong University of Science & Technology, China)
11:20-11:40	Phytoplankton assemblages in the Northern South China Sea	Jun Sun (Tianjin University of Science & Technology, China)
11:40-12:00	Monsoon-driven Ichthyoplankton Distribution in the Northwest Continental Shelf of South China Sea	Kaizhi Li (LMB, SCSIO, CAS, China)
12:00-14:00	Lunch (Buffet, Dining Hall on the Thirtieth Floor—Xiangyun West Restaurant)	

**14:00-18:00 Monday, December 5th, 2011,
Visit Nansha New District of Guangzhou.**