

Program

Coastal Oceans: Interdisciplinary Scientific Prediction and Management
October 20-24, 2014
Qingdao, China

Sunday, October 19

Arrival

Monday, October 20

8:30	Registration		
9:00	Opening Ceremony	Chair: JIANG Wensheng Welcoming Speech by Prof. Huajun Li, Vice President of OUC Speech by Prof. Hans von Storch, HZG Welcome introduction by Prof. Wensheng Jiang	
9:50	Group Photo		
Coffee Break			
Session Chair: Prof. Dr. WEI Hao			
Time	Speaker	Title	Affiliation
10:30	Prof. Dr. VON STORCH, Hans	Consistency of ongoing change and scenarios of possible future change	Helmholtz-Zentrum Geesthacht Institute of Coastal Research

10:50	Prof. Dr. SUENDERMANN, Jürgen	25 years of German-Chinese cooperation in shelf sea research—A personal appreciation	Physical Oceanography Centre of Marine and Climate Research, University of Hamburg
11:10	Prof. Dr. JIANG Wensheng	The analytical, numerical and laboratory study of tide-induced Lagrangian residual current	College of Environmental Science and Engineering, Ocean University of China
Lunch Break			
Session Chair: Prof. Dr. VON STORCH, Hans			
Time	Speaker	Title	Affiliation
14:00	Prof. ROSENHAGEN, Gudrun	KLIWAS-Results of the research project on the impacts of climate change on waterways and navigation in the North Sea region	Deutscher Wetterdienst
14:20	Dr. RECKERMANN, Marcus	Baltic Earth and BALTEX, an example for a regional interdisciplinary and international Earth System Science research network	International Baltic Earth Secretariat
14:40	PD Dr. POHLMANN, Thoma	Experiences from regional projections of the 21st century climate for the European North Sea and implications for their applications to Chinese waters	Institute of Oceanography University of Hamburg
15:00	Prof. Dr. WEI Hao	Observational and 2 modeling studies on physical and environmental processes in the coastal waters of China	College of Marine Science and Engineering, Tianjin University of Science and Technology
15:20	Prof. Dr. YUAN Dongliang	Shelf Circulation in the Yellow and East	Institute of Oceanology,

		China Seas	Chinese Academy of Sciences
Coffee Break			
16:00	Networking		
18:00	Welcoming Dinner		

Tuesday October 21			
Session Chair: Prof. Dr. LUO Yongming			
Time	Speaker	Title	Affiliation
9:00	Prof. Dr. COLIJN, Franciscus	Effects of climate change on the North Sea region (NOSCCA); Coastal observational methods (COSYNA)	Research and Technology Centre (FTZ), Christian-Albrechts-Universität zu Kiel
9:20	Prof. Dr. CHEN Jianfang	Real time monitoring of eutrophication and hypoxia off the Changjiang Estuary	Laboratory of Marine Ecosystem, and Biogeochemistry, Second Institute of Oceanography, SOA
9:40	Prof. Dr. SUN Jun	The Investigation into Indian Ocean Ecosystem	College of Marine Science and Engineering, Tianjin University of Science and Technology
Coffee Break			
Session Chair: Prof. Dr. COLIJN, Franciscus			
Time	Speaker	Title	Affiliation
10:30	Prof. Dr. LUO Yongming	Source Identification and Binding Characteristics of Typical Toxic Pollutants in the Sediment and Wetland Soil in	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences

		Laizhou Bay, Bohai Sea	
10:50	Prof. Dr. EBINGHAUS, Ralf	Emerging contaminants in the coastal and marine environment	Department for Environmental Chemistry, Institute of Coastal Research, Helmholtz-Zentrum Geesthacht
11:10	Ass. Prof. Dr. TANG Jianhui	Characteristics and fluxes of emerging organic pollutants from the 40 rivers around the Bohai Sea	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences
Lunch Break			
Session Chair: Prof. Dr. LIU Sumei			
Time	Speaker	Title	Affiliation
14:00	Prof. Dr. EMEIS, Kay	The North Sea – A shelf sea in the Anthropocene	Institute for Biogeochemistry and Marine Chemistry, University of Hamburg
14:20	Dr. OSADCZUKI, Andrzej	Post-glacial evolution of the Szczecin Lagoon, Baltic Sea and Late Holocene natural and anthropogenic impacts on sedimentation	University of Szczecin
14:40	Prof. Dr. XIANG Rong	Holocene Paleoenvironmental changes on the shelf of East China Sea and Yellow Sea	South China Sea Institute of Oceanology, CAS
15:00	PD Dr. FREUND, Holger	Evidence of sea-level rise within a Holocene coastal environment – sedimentological, biological and palaeoenvironmental approaches	Geocology Working Group Institute for Chemistry and Biology of the Marine Environment (ICBM-Terramare) Carl-von-Ossietzky University of Oldenburg
Coffee Break			
Session Chair: Prof. Dr. EMEIS, Kay			
Time	Speaker	Title	Affiliation

15:40	Prof. Dr. LIU Sumei	Nitrogen biogeochemistry in the Yellow and East China Seas	Key Laboratory of Marine Chemistry Theory and Technology, MOE, Ocean University of China
16:00	Prof. Dr. SCHULZ-BULL, Detlef	Persistent Contaminants in the marine environment – comparison of different coastal regions	Leipniz-Institut für Ostseeforschung Warnemünde (IOW)
16:20	Ass. Prof. Dr. HAO Qiang	Spatial and annual variations of primary production in the eastern China seas	State Key Laboratory of Satellite Ocean Environment Dynamics, Second Institute of Oceanography, SOA
16:40	Prof. Dr. GONG Jun	Coastal microbial diversity and nitrogen cycling processes	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences
18:00	Dinner		

Wednesday, October 22			
Session Chair: Prof. Dr. ZHANG Liquan			
Time	Speaker	Title	Affiliation
9:00	Dr. Bruss, Gerd	Development and Application of Information Systems for the Management of Coastal Areas	CORELAB, Christian-Albrechts-University of Kiel
9:20	Dr. MEINKE, Insa	Decision relevant knowledge for coastal development	North German Climate Office Institute of Coastal Science HZG
9:40	Ass. Prof. Dr. LI Keqiang	Total loads control management	Laboratory of Marine Chemistry Theory and

		for terrigenous pollutions in Bohai Sea, China	Technology, MOE, Ocean University of China
Coffee Break			
Session Chair: Prof. Dr. WANG Houjie			
Time	Speaker	Title	Affiliation
10:20	Prof. Dr. ZHANG Liquan	Vulnerability Assessment of the Coastal Wetlands in the Yangtze Estuary, China to Sea-level Rise	State Key Laboratory of Estuarine and Coastal Research, East China Normal University
10:40	Dr. OELERICH, Johannes	Coastal Protection and Marine Conservation in Schleswig-Holstein with respect to Climate Change	Landesbetrieb für Küstenschutz, Nationalpark und Meeresschutz Schleswig-Holstein
11:00	Prof. Dr. FROEHLE, Peter	Climate Change and Coastal Protection	Technische Universität Hamburg Harburg (TUHH)
Lunch Break			
Session Chair: Prof. Dr. JIANG Wensheng			
Time	Speaker	Title	Affiliation
14:20	Prof. Dr. FURMANCZYK, Kazimierz	Morphodynamic of the eastern coast of Pomeranian Bay (Bałtyk) in the light of Remote Sensing and Marine Cartography Unit investigation	University of Szczecin
14:40	Dr. BIAN Changwei	A numerical study of the sediment transport in the East China Seas	Key Laboratory of Physical Oceanography, MOE, Ocean University of China
15:00	Prof. Dr. WANG Houjie	Seasonal distribution of suspended sediment in the Bohai Sea, China	College of Marine Geosciences, Ocean University of China

Coffee Break			
Session Chair: Prof. Dr. ZHANG Hua			
Time	Speaker	Title	Affiliation
15:40	Dr. VON STORCH, Jin-Song	High-resolution ocean modelling at the MPI-Met and possible applications of global high-resolution simulations for studying Coastal phenomena	Max-Planck-Institut (MPI)
16:00	Prof. Dr. ZHANG Hua	Numerical study of the influence of coastal change between 2002 and 2013 on the tides in the Bohai Sea	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences
16:20	Prof. Dr. MU Lin	Variability and long term trend of Sea Surface Temperature over China Sea derived from a new merged reconstruction dataset	National Marine Data and Information Service/Division of S&T Planning and Management
16:40	Prof. Dr. CHEN Xueen	The Effects of the Cross-Sea Bridge on Ocean Dynamics of the Jiaozhou Bay	College of Physical and Environmental Oceanography, Ocean University of China
18:00	Dinner		

Thursday, October 23	
Session Chair: Prof. ROSENHAGEN, Gudrun	

Time	Speaker	Title	Affiliation
09:00	Prof. Dr. WANG Hui	Review and Outlook of the Global Ocean Forecast	National Marine Environmental Forecasting Center
09:20	Prof. Dr. FU Gang	Explosive extratropical cyclones over the Northwestern Pacific	Key Laboratory of Physical Oceanography, MOE, Ocean University of China
09:40	Prof. Dr. MA Yan	Analyses of climate characteristics of Qingdao and simulation on local climate change under the condition of urbanization	Qingdao Meteorological Bureau
Coffee Break			
Session Chair: Prof. Dr. JIANG Wensheng and Prof. Dr. Hans von Storch			
10:20	Speech by Prof. Dr. CHEN Lesheng, Executive Vice Director of the Chinese side, CDZ		
10:40	Session Summaries		
Lunch Break			
Session Chair: Prof. Dr. JIANG Wensheng and Prof. Dr. Hans von Storch			
14:30	Roundtable Discussion		
18:00	Dinner		

Friday, October 24	
9:30	Academic tour to Qingdao Meteorological Bureau
12:00	Lunch

14:00	Academic tour to the Institute of Oceanology, Chinese Academy of Sciences
18:00	Dinner

Saturday, October 25
Departure