

Programme

International Workshop on Land-Ocean Interactions in the Coastal Zone and Sustainable Development
September 15-17, 2015, Yantai, China

Tuesday, September 15

Arrival and Registration

Wednesday, September 16

08:30-08:45 **Opening Ceremony** Chair: **Prof. Yongming Luo**
Welcome Introduction by **Prof. Nianzhi Jiao, Prof. Christopher D'Elia and Prof. Yunxian Zhou**

Session: Coastal Sciences: Land-Ocean Interactions and Sustainability in the Coastal Zone
Chair: Prof. Yunxuan Zhou and Prof. Jan Harff

Time	Speaker	Title	Affiliation
08:45-09:15	Prof. Hans von Storch	Coastal sciences: from conception to application	Institute of Coastal Research, Helmholtz-Zentrum Geesthacht, Germany
09:15-09:45	Prof. Yongming Luo	Coastal sciences: questions and needs	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
09:45-10:05	Prof. Osamu Matsuda	Expansion of Satoumi activities which promote local interaction between land and coastal seas in Japan	Hiroshima University, Japan
10:05-10:25	Prof. Dongxiao Wang	Land-ocean interactions in the Northern South China Sea	South China Sea Institute of Oceanography, Chinese Academy of Sciences, China

10: 25-10:40 **Group Photo; Coffee Break**

10:40-11:10	Prof. Nianzhi Jiao	Coastal zone carbon sequestration and sustainability	Xiamen University, China
11:10-11:40	Prof. Christopher D'Elia	Limits to growth vis-à-vis deltaic sustainability	School of Environmental and Coastal Sciences, Louisiana State University, USA
11:40-12:00	Prof. Dongyan Liu	The world's largest macroalgal bloom in the Yellow Sea, China: Formation and implications	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
12:00-12:20	Prof. Jun Gong	Towards an understanding of microbial communities and processes in blue carbon ecosystems	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
12:20-14:00 Lunch Break			
Session: Coastal Environmental Processes and Ecological Risks			
Chair: Prof. Vladimir Shulkin			
Time	Speaker	Title	Affiliation
14:00-14:20	Prof. Xiaoping Huang	Eco-environmental effects of nutrients input caused by human activities on the semi-enclosed bay and its management strategy	South China Sea Institute of Oceanography, Chinese Academy of Sciences, China
14:20-14:40	Prof. Danling Tang	Typhoons impact on phytoplankton and related ecological environments	South China Sea Institute of Oceanography, Chinese Academy of Sciences, China
14:40-15:00	Dr. Jianhui Tang	Legacy and emerging organic contaminants in the coastal region of Bohai and Yellow Seas	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
15:00-15:20	Dr. Liping Wang	Distribution and ecological risk assessment of polycyclic aromatic hydrocarbons in water and suspended particulate matter from DaLiao River estuary and the adjacent area, China	Chinese Research Academy of Environmental Sciences, China
15:20-15:40	Prof. Guodong Yuan	Constraints on the ecological remediation of land in the Yellow River Delta: the known unknowns	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
15:40-15:50 Coffee Break			

Session: Land-Ocean Interactions in the Coastal Zone: Internodes and Regional Networking			
Chair: Prof. Alice Newton			
15:50-16:10	Prof. Christopher D'Elia	Future Earth Coasts: present status and future plan	Representative of Future Earth Coasts; Louisiana State University, USA
16:10-16:30	Prof. Vladimir Shulkin	Recent activities of UNEP NOWPAP on the environmental quality issues in the northwestern Pacific	Pacific Geographical Institute, Russian Academy of Science, Russia
16:30-16:50	Dr. Yi Xu	Living on the margin in the anthropocene: the IMBER-Future Earth Coasts (formerly LOICZ) Working Group for continental margins case studies in East Asian Seas	IMBER Regional Office, East China Normal University, China
16:50-17:10	Dr. Jianhui Tang	Future Earth Coasts: East Asia Node status and future plan	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
17:10-18:00	Discussion		
18:30	Dinner		

Thursday, September 17			
Session: River Mouth and Delta			
Chair: Prof. Bob You			
Time	Speaker	Title	Affiliation
08:30-09:00	Prof. Jan Harff	A comparison of selected river-mouth systems- evolution and future projection	University of Szczecin, Poland
09:00-09:20	Prof. Fanghua Liu	Co-occurrence of Methanosarcina mazei and Geobacteraceae in aniron(III)-reducing enrichment culture	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
09:20-09:40	Dr. Yanling Zheng	Community dynamics and activity of ammonia-oxidizing prokaryotes in intertidal sediments of the Yangtze Estuary	East China Normal University, China

09:40-10:00	Dr. Samina Kidwai	Practicality of marine protected areas - can there be solutions for the river Indus Delta?	National Institute of Oceanography, Pakistan
10:00-10:20	Mr. Yuan Li	Sources and fate of organic carbon and nitrogen from the terrestrial soil to marine sediment: identified by coupling stable isotopes with C/N ratio	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
10:20-10:30 Coffee Break			
Session: Coastal Hazards and Coastline Changes			
Chair: Prof. Hee Jun Lee			
Time	Speaker	Title	Affiliation
10:30-11:00	Prof. Bob You	Coastal storm erosion dynamics and new conceptual model of shoreline changes	Ludong University, China
11:00-11:20	Prof. Xiyong Hou	Characteristics of mainland coastline change in China since early 1940s	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
11:20-11:40	Prof. Xin Liu	Penglai 19-3 oil spill: modelling of trajectory and estimation of economic loss in the Yantai fishery, China	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
11:40-12:00	Prof. Nguyen Huu Nhan	Morpho-hydrodynamics of Camau Cape alluvial platform in Mekong delta coastal zone	Institute of Coastal and Offshore Engineering of Vietnamese Academy for Water Resources, Vietnam
12:00-14:00 Lunch Break			
Session: Coastal Dynamics and Eco-hydrological Modeling			
Chair: Prof. Hua Zhang			
Time	Speaker	Title	Affiliation
14:00-14:30	Prof. Eric Wolanski	The UNESCO estuarine ecohydrology model: applications to the Guadiana Estuary in Portugal, Darwin Harbour in Australia, Chilika Lagoon in India, and the Bohai Sea in China	James Cook University, Australia
14:30-14:50	Dr. Subbareddy	An Integrated ecohydrology modeling system for Chilika	National Center for Sustainable Coastal Mmanagement, India

	Bonthu	Lagoon, India	
14:50-15:10	Dr. Hao Xu	Changes in the phosphorous dynamics of the Yangtze Estuary	Ningbo University, China
15:10-15:30	Dr. Yanfang Li	What processes control the net currents through the Bohai Sea strait?	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, China
15:30-15:50	Prof. Hee Jun Lee	Seasonal changes in wave characteristics and suspended sand transport in the nearshore of a pocket beach, the Haeundae, Korea	Korea Institute of Ocean Science & Technology, Korea
15:50-16:00 Coffee Break			
Session: Coastal Management			
Chair: Prof. Osamu Matsuda			
Time	Speaker	Title	Affiliation
16:00-16:30	Prof. Jiaping Wu	Geo-spatial technologies for coastal environment monitoring and management	Zhejiang University, China
16:30-17:00	Prof. Alice Newton	Adaptive management frameworks for coastal socio-ecological systems	University of Algarve, Portugal
17:00-17:20	Ms. Shuhao Li	Towards a unified framework for coastal systems in China	East China Normal University, China
17:20-17:40	Prof. Kun Lei	A study on driving forces of land use change in coastal zone of Guangxi Province	Chinese Research Academy of Environmental Sciences, China
17:40-18:00	Dr. Min Jet Loo	South-south capacity building for ecosystem management in the Greater Mekong Subregion (GMS)	United Nations Environment Programme - International Ecosystem Management Partnership (UNEP-IEMP), Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, China
18:00-18:20	Discussion and Closing Ceremony Chair: Prof. Hans von Storch and Prof. Yongming Luo		
18:30	Dinner		