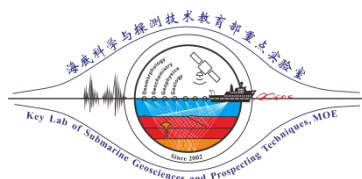
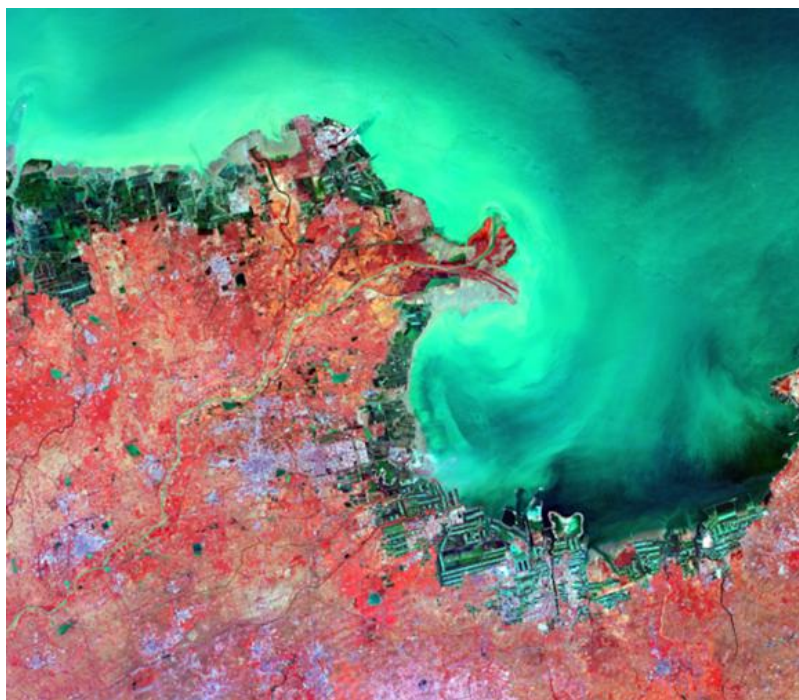


鳌山论坛-河口泥质海岸沉积动力研讨会 Sediment Dynamics of Estuaries and Muddy Coasts

2018年11月2-3日，青岛

第三轮通知



河口—泥质海岸沉积动力学研讨会聚焦国内外陆海相互作用、河口海岸监测、数值模拟、沉积物输运及其地球化学效应等国际前沿问题和重大社会需求，至今已成功举办两届。第一届会议由国家海洋局第二海洋研究所卫星海洋环境动力学国家重点实验室承办，于2009年9月在桂林召开；第二届会议由浙江大学海洋学院承办，于2015年10月在舟山召开。两次会议均取得了圆满成功，促进了国内外及不同学科间的交流和交叉研究，并在国际著名学术期刊《Estuarine, Coastal and Shelf Science》出版专辑2部。

本次研讨会定于2018年11月2-3日在青岛召开。现发布第三轮会议通知。

一、会议学术委员会

王小华，澳大利亚新南威尔士大学

高抒，华东师范大学河口海岸带国家重点实验室

王厚杰，中国海洋大学

石学法，青岛海洋科学与技术试点国家实验室

范代读，同济大学海洋地质国家重点实验室

李广雪，中国海洋大学

管卫兵，国家海洋局第二海洋研究所

孙志林，浙江大学

印萍，中国地质调查局海岸带与大陆架地质研究中心

Eric Wolanski, James Cook University and Australian Institute of Marine Science

Mike Elliot, Chief Editor of Estuarine Coastal and Shelf Science, The University of Hull

二、会议组织

主办单位

中国海洋大学

青岛海洋科学与技术试点国家实验室

承办单位

青岛海洋科学与技术试点国家实验室战略规划部、海洋地质过程与环境功能实验室

中国海洋大学海洋地球科学学院
海底科学与探测技术教育部重点实验室

协办单位

中国海洋学会海岸河口分会
中澳海岸带管理研究中心
华东师范大学河口海岸国家重点实验室
中国矿物岩石地球化学学会海洋地球化学专业委员会

三、会议重要信息

1、会议时间

2018年11月1日：注册报到
2018年11月2日：特邀报告、专题报告及展板
2018年11月3日：特邀报告、专题报告及展板

2. 会议地点

山东省青岛市即墨鳌山卫问海路1号，青岛海洋科学与技术试点国家实验室。

3. 展板报告

1) 展板规格：竖版，**80cm×180cm**，请将所有内容置入70cm×170cm范围内，报告语言建议英文；

2) 会议组提供X型展架张贴展板，请报告人自行打印，打印时在展板四角分别打孔利于悬挂；

3) 展板提交时间：请于**2018年11月1日晚21:00前**提交至会议报到处

4) 展板展示时间为2018年11月2日8:30-2018年11月3日18:00，会议期间（11月2日-3日），展板区将一直开放。会议结束，需要带走展板的报告人请于3日18:00后自行取走；

5) 优秀展板评选：本次会议将评选出三名“优秀展板报告”，颁发奖状及纪念品。

4. 口头报告

会议口头报告包括特邀报告 (20min) 和专题报告 (15min) 两种形式, 报告语言可用中文, PPT建议英文或双语。

五、会议日程 (TBC)

Friday, Nov 2, 2018

0800-0830	Registration	
0830-0840	Conference Opening: Houjie Wang (Ocean University of China)	
0840-0900	Keynote speech: Xiaohua Wang (The University of New South Wales, Australia) Sediment Dynamics of Chinese Muddy Coasts and Estuaries: Physics, Biology and Their Interactions	
Session 1 In-situ observations in Muddy Coasts and Estuaries and satellite remote sensing		
0900-0920	Keynote speech: Shu Gao (East China Normal University) TBC	
0920-0935	Zhiguo He (Zhejiang University)	Tracking water environment dynamics in a tidal-river dominate estuarine system: progress, problems, and prognostics
0935-0950	Zheng Gong (Hohai University)	Evolution of Tidal Flat in Response to Storm Surges: A case study from Central Jiangsu Coast
0950-1010	Group photo and coffee break	
1010-1030	Keynote speech: Chunzai Wang (South China Sea Institute of Oceanology, Chinese Academy of Sciences) Influence of Climate on Typhoon Activity	
1030-1045	Haijiang Liu (Zhejiang University)	Preliminary study of the bottom sediment features in the vicinity of deep-water navigation channel of the Yangtze estuary during the 2018 typhoon season
1045-1100	Qian Zhang (Hohai University)	The contribution of surge phenomenon on local morphology during the very shallow water periods on intertidal flats

1100-1120	Keynote speech: Jingping Xu (Southern University of Science and Technology) Internal tide-induced vertical heat flux and lateral mass transport over coastal shelf	
1120-1135	Yunwei Wang (Hohai University)	Seasonal alternation and decadal trends of tidal asymmetry induced by mean sea level variations
1135-1150	Fei Gao (Qingdao Institute of marine geology, China Geological Survey)	Seasonal distribution and transport of suspended sediment in the Zhejiang and Fujian muddy area of the East China Sea
1150-1205	Lulu Qiao (Ocean University of China)	Response of surface suspended sediment off the Zhejiang–Fujian coast to the Super Typhoon Soulik (2013)
1205-1330	Lunch and Poster	
1330-1350	Keynote speech: Daidu Fan (Tongji University) Recent morphological Change in the Red River Delta, Vietnam	
1350-1405	Aijun Wang (Third Institute Of Oceanography, SOA)	Sediment transport in Minjiang River subaqueous delta and its response to human activities
1405-1420	Xiao Wu (Ocean University of China)	Evolution of abandoned Yellow River delta lobe (Qingshuigou): source or sink for coastal sedimentation?
1420-1435	Yifei Zhao (Nanjing Normal University)	Evolution of the Sedimentary Environment of Coastal Tidal Flats in the North Jiangsu Radial Sand Ridges, East China
1435-1450	Jie Wang (East China Normal University)	Recent spatial-temporal sedimentary evolutions in the South Nanhui tidal flat of the Changjiang Estuary
1450-1510	Keynote speech: Zhenhong Li (Newcastle University) Coastal Subsidence in the three largest Chinese river deltas revealed by InSAR observation	
1510-1525	Dong Zhang (Nanjing Normal University)	Coastline remote sensing prediction method based on profile morphology adaptation
1525-1540	Coffee break	

Session 2-1 Sediment effect on biogeochemical processes		
1540-1600	Keynote speech: Fei Chai (The Second Institute Of Oceanography, SOA) Chlorophyll and Nutrient Dynamics In San Francisco Bay: A Model Study	
1600-1620	Keynote speech: Yaping Wang (East China Normal University) The influence of bio-physical processes on sediment transport over a clam aquaculture tidal flat	
1620-1635	Zeng Zhou (Hohai University)	Self-organisation of salt marsh-mudflat interfaces: An exploratory model of the interplay between sedimentary, biological and hydrodynamic processes
1635-1650	Yanbin Li (Ocean University of China)	Methylmercury Cycling in The Bohai Sea, Yellow Sea and East China Sea, China: Sources/Sinks and Controlling Factors
1650-1705	Xindi Chen (Hohai University)	Biological mediation of coastal sediment erosion
Session 3 Microplastics transport and modelling		
1705-1725	Keynote speech: Isabel Jalón Rojas (The University of New South Wales, Australia) Modelling the transport of microplastics in coastal and marine environments: a new approach	
1725-1740	Yanfang Li (Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences)	The distribution of microplastics in the Bohai Sea: Investigation and simulation
1740-1800	Special Issue Discussion: Xiaohua Wang (The University of New South Wales, Australia)	

Saturday, Nov 3, 2018

Session 2-2 Sediment effect on biogeochemical processes

0830-0850	Keynote speech: Shouye Yang (Tongji University) Geochemical constraints on the river-sea interaction and boundary exchange in the Changjiang (Yangtze River) Estuary	
0850-0905	Ping Yin (Qingdao Institute of marine geology, China Geological Survey)	Preliminary study on mud sediments related shallow gas in the ECS shelf
0905-0920	Xiting Liu (Ocean University of China)	Pyrite formation in mud sediments constrained by sedimentary environment on the East China Sea inner shelf
0920-0935	Mingkun Li (South China Normal University)	Hydrodynamic sorting effects on surface sediment magnetic mineral assemblages: A case from the Yellow River Estuary and Laizhou Bay, Bohai Sea
0935-0950	Nan Wang (Ocean University of China)	Multi-scale variation characteristics of the shear front off the Yellow River Mouth and its related mechanism
0950-1005	Coffee break	
<p>Session 4 Modelling for sedimentary processes</p>		
1005-1025	Keynote speech: Jianping Gan (The Hong Kong University of Science and Technology) Three-dimension vorticity dynamics of estuarine-shelf circulation in the Pearl River Estuary	
1025-1040	Min Su (Sun Yat-sen University)	Long-term morphodynamic evolution of a multi-inlets estuarine-bay system: case study of the Lingding bay, Pearl River Delta
1040-1055	Li Li (Zhejiang University)	Numerical study on the impact of tidal flat reduction on multidecadal sediment dynamics in Hangzhou Bay, China
1055-1110	Wenyun Guo (Shanghai Maritime University)	The seasonal variation of M_2 tide in the Changjiang Estuary
1110-1125	Jing Lu (The First Institute Of Oceanography, SOA)	Longshore transport under wave-induced currents causes the sediment erosion a on a sandy beach that a dam could protect

1125-1140	Dehai Song (Ocean University of China)	The impact of human activities on tidal dynamics in a sexta-diurnal resonant bay
1140-1155	Zhiqiang Liu (The Hong Kong University of Science and Technology)	Coupled summer circulation and dynamics between a bay and the adjacent shelf around Hong Kong: observational and modeling studies
1155-1330	Lunch and Poster	
1330-1345	Chuang Jin (The University of Auckland)	Physical modelling of ripple initiation and hysteresis
1345-1400	Rui Zhu (Zhejiang University)	Experiments on the Propagation and Mixing of Two-Layer Gravity Currents
Session 5 Blue bay remediation action plan and coastal restoration		
1400-1420	Keynote speech: Mike Elliott (Chief Editor of Estuarine Coastal and Shelf Science, The University of Hull) Ecoengineering of estuarine sedimentary systems - successes and failures and habitat creation	
1420-1435	Mingqi Wang (Ocean University of China)	An Indicator Framework to Evaluate the Blue Bay Remediation Project in China
1435-1450	Xiaotong Sui (Ocean University of China)	Blue Bay Remediation Action and the Analysis of Order Degree of Resource-Environment-Economic in Qingdao
1450-1505	Jian Feng (Ocean University of China)	The Evaluation of the Sustainable Development Capacity of Bay Cities in China
1505-1520	Coffee break	
Session 6 Fluid mud transport and behavior		
1520-1540	Keynote speech: Zaijin You (Ludong University) A New Method for Estimation of Wave friction factor on Movable Bed of Sediment	
1540-1555	Jianzhong Ge (East China Normal University)	Formation of Concentrated Benthic Suspension in a Stratified Tidal Estuary
1555-1610	Yun Peng (Nanjing University)	Flow structure modification and drag reduction induced by sediment stratification in coastal tidal bottom boundary layers

1610-1625	Qian Yu (Nanjing University)	Hysteresis of suspended sediment concentration to spring-neap tidal variations in turbidity maximum zone of a macro-tidal estuary: the role of bed mud pool movement
1625-1640	Benwei Shi (East China Normal University)	Role of wind in erosion–accretion cycles on an estuarine mudflat
1640-1655	Shaohua Zhao (Third Institute Of Oceanography, SOA)	Muddy sediment dispersion processes and the potential influence on sand-mud transition migrations of sandy-muddy transitional beaches in southeast coastal China
1655-1730	Outstanding student poster prize and discussion on the 4th sediment dynamics workshop Houjie Wang (Ocean University of China)	

六、交通信息

(1) 青岛流亭机场至会场路线: 出租车费用约 120 元, 时间约 50 分钟; 机场巴士 703 路, 转地铁 11 号线, 约 80 分钟。

(2) 青岛站至会场路线: 出租车费用约 150 元, 时间约 1 小时 20 分钟; 地铁 3 号线, 转 2 号线, 转 11 号线, 时间约 70 分钟。

(3) 青岛北站至会场路线: 出租车费用约 110 元, 时间约 1 小时; 地铁 3 号线, 转 2 号线, 转 11 号线, 时间约 60 分钟。

乘坐地铁提醒:

鳌山卫地铁站距离国家实验室 1.5km 左右, 会务组将在鳌山卫地铁站附近安排接驳车以流水班接送参会人员到达国家实验室。

接驳地点:

地铁 11 号线鳌山卫站 B1 出口处

接驳时间:

地铁口-会场: 11 月 1 日 10:00-20:00、11 月 2、3 日 7:00-9:00

会场-地铁口: 11 月 2、3 日下午 17:00-21:00

七、会议秘书处（邮箱 seddynamics@ouc.edu.cn）

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李鹏, 中国海洋大学河口海岸带研究所, pengli@ouc.edu.cn, 13658696316

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交通联系人: 徐继尚 15020060573, 田举 15764250430

会场联系人: 丁咚 13730933908