



ECSA 2017, Where Land Meets Ocean: The Vulnerable Interface

Oct. 16-20, 2017, Shanghai, China

Welcome to participate ECSA 2017, “Where Land Meets Ocean: The Vulnerable Interface”!

The Estuarine Coastal Sciences Association (ECSA) and the State Key Laboratory of Estuarine and Coastal Research (SKLEC) will jointly organize the ECSA 2017 conference during Oct. 16-20, 2017, in Shanghai, China.

Rivers run into the sea loaded with sediments, chemicals, detritus and organisms while at the same time seas often transport them in coastal direction. This means that estuaries and coasts are “rich interfaces” between land and ocean. This interface hosts a rich diversity of species varying from birds, fishes, and small benthic and pelagic species that not only rely on water but also on the extensive tidal flats and saltmarshes of profound ecological value. The coastal zones also have high economic values since they are the “home” to millions of people, and provide a linkage and access to water transportation and recreational activities. Nature and human compete for space and resources within a sometimes extremely dynamic coastal zone. This requires in-depth knowledge of the functioning of these coastal systems and it asks for human wisdom to find the balance and harmony between nature and use. How to compromise the benefits for multiple stakeholders under increasingly intensified human intervention and global climate change forms the challenging situation with many critical questions to be answered by coastal scientists and policy makers.

In conjunction with the 60th anniversary of the Institute of Estuarine and Coastal Research, East China Normal University, we organize this conference and invite world-wide leading scientists to Shanghai to discuss cutting edge research questions and potential solutions for the vulnerable interface between land and ocean.

Key topics:

- Hydrodynamics and coastal dynamics: Effects on physical, chemical and ecological functioning
- Sediment transport and morphodynamics
- Regime shift of estuaries and deltas under changing environment
- Harbors and navigation channels: engineering issues
- Interactions between estuarine/coastal processes and oceanic processes on the shelf
- Pollutants transportation and transformation at estuaries and coasts
- Bio-geochemical processes





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- Mechanisms controlling harmful algal blooming
 - Reclamation and Exotic species invasion
 - Ecosystem restoration
 - Ecosystem based coastal management
 - Progress in bridging fundamental coastal sciences, policy making, management and legislation
 - Communicating messages to policy makers and politicians
 - Public involvement in decision making

Invited Speakers

(coming soon)

Preliminary schedule

Oct. 16 (Monday): Registration

Oct. 17 (Tuesday):

- Morning: Opening/ Plenary
- Afternoon: Parallel sessions + Posters

Oct. 18 (Wednesday):

- Morning: Parallel sessions + Posters
- Afternoon: The 60th anniversary ceremony of the Institute of Estuarine and Coastal Research, East China Normal University. Those who do not participate are free in the afternoon.

Oct. 19 (Thursday)

- Morning: Parallel sessions + Posters
- Afternoon: Plenary / Closing ceremony

Oct. 20 (Friday, Optional): Field excursions

- Route 1. Chongming Island (Estuarine Saltmarsh)
- Route 2. Hangzhou Bay (Qiantang River Tidal Bore + Ancient Town)

Conference Chair:

Prof. Shu Gao, Director of the State Key Laboratory of Estuarine and Coastal Research, East China Normal University, China

Publications:

- Ocean & Coastal Management (OCMA)
- Estuarine, Coastal and Shelf Science (ECSS)





Registration fee:

- 300 USD, for International participants
- 2000 RMB, for Chinese participants

Key dates:

- April 30, 2017: Deadline for abstract submission
- June 30, 2017: Deadline for early-bird online registration.

Venue:

[Shanghai Jianguo Hotel](#) (上海建国宾馆, 徐汇区漕溪北路 439 号, 近南丹东路)

Address: No. 439 Caoxi North Road, Xuhui District, Shanghai, China

Easy access via public transportation (Metro Line 1, 4, 9, 11).

Field excursions (Optional, on Friday, Oct. 20, 2017):

- Route 1. Chongming Island (Estuarine Saltmarsh)
- Route 2. Hangzhou Bay (Qiantang River Tidal Bore + Ancient Town)

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