

First Announcement and Call for Papers
The Second International Conference
On Estuaries & Coast (ICEC-2006)

Guangzhou, China, November 28 -30, 2006
<http://www.prwri.com.cn/lcec.htm>



WASER

The Second International Conference On Estuaries & Coast (ICEC -2006)

Organizer: International Research and Training Center on Erosion and Sedimentation (IRTCES)
Pearl River Water Resources Commission, Ministry of Water Resources, P. R. China

Sponsor: Pearl River Hydraulic Research Institute, Ministry of Water Resources, P. R. China

Co-Sponsors: United Nations Educational, Scientific and Cultural Organization (UNESCO)
International Association of Hydraulic Engineering and Research (IAHR)
World Association for Sedimentation and Erosion Research (WASER)
International Association of Hydrological Sciences (IAHS)
IAHR Asian and Pacific Division (IAHR-APD)
National Center for Computational Hydroscience and Engineering, the University of Mississippi, USA (NCCHE)
China Institute of Water Resources and Hydropower Research (IWHR)
Department of Water Resources of Guan Dong Province
Nanjing Hydraulic Research Institute (NHRI)
Changjiang River Science Institute
Yellow River Institute of Hydraulic Research, the Yellow River Conservancy Commission (YRCC)
South China Sea Institute of Oceanology, Chinese Academy of Sciences
Pearl River Water Resources Protection Bureau

China Pearl River Water Resources Planning Designing
& Surveying co., Ltd.

Guang Dong Estuary and Coast Administration Bureau

Guang Dong Hydraulics Research Institute

Guang Dong Reconnaissance & Design Institute

Zhejiang Institute of Hydraulics & Estuary

Guan Dong Hydraulic Engineering Society

Chinese Society of Coastal and Estuarine Research

Tsinghua University

Wuhan University

Sun Yat-Sen University

South China University of Technology

State Key Laboratory of Estuarine and Coastal Research

Hohai University

Tongji University

Secretariat:

Pearl River Hydraulic Research Institute, Ministry of Water
Resources, P. R. China

Invitation to ICEC-2006



It is my great pleasure to invite you to attend the Second International Conference on Estuaries & Coast (ICEC-2006), to be held in Guangzhou, China from Nov. 28 to 30, 2006.

Estuaries and Coastal regions are commonly the developed and populous area in economy and culture. With the economic globalization and hi-tech development, people are paying more attention to the evolvement and rational exploration of estuarine and coastal areas for achieving harmonious between Human-being and Nature and sustainable development. Under the circumstances, the ICEC-2003 was held successfully in Hangzhou, China in Nov. 2003. More than 100 academicians and scholars from 33 countries and regions took part in the ICEC-2003. During the conference, most participants wished to make this important event regular and serial.

The central themes of ICEC-2006 is ‘Advance the Estuarine and Coastal Engineering Research to Enhance the Ecological Environment’, including four topics: Estuarine and Coastal Processes, Estuarine Eco-Environment and Its Protection, Maintenance and Management of Waterways in Estuaries and Harbors, Research Technologies for Estuarine Engineering. The ICEC-2006 will provide a forum for information exchange of latest research and prospecting future for worldwide academicians, scholars, engineers and decision makers in this field.

The Pearl River Delta, where stands Guangzhou, Hong Kong, Macao and Shenzhen, is one of the most complicated deltas in the world and has unique hydrological characteristic of “Three Rivers Inflow, Eight outlets to sea”. I hereby genuinely invite all friends who concern Estuaries and Coasts to come to Guangzhou and experience this flourishing and historic Delta.

I am sincerely looking forward to seeing you at ICEC-2006 in Guangzhou in Nov. 2006.

Liu Ning

Chief Engineer of the Ministry of Water Resources, P. R. China

Preface

Estuary and Coast have distinguished geographical advantage in rich shipping and soil resources, which provide strong support to local economic and cultural development. Estuarine and coastal areas are commonly the most developed and populous regions. With the economic development, how to get along with natural environment and maintain the sustainable development of economical society has gained more and more attention from all social parties.

At present, many estuarine areas are suffering from wastewater made by industrial, agricultural and daily-life. Red tides frequently emerged. The environment of estuary and coast is enouncing serious problems. The increasing demands in freshwater, along with seawater intrusion often causing serious situations, appeal to utilize water resource in a more rational and reasonable way. An efficient and effective warning and protection system is to be designed to prevent the estuary area from the typhoon-caused disasters. The evolution of estuary and coast is a colligation result of water, sediment and environment factors. However, irrational exploitation will accelerate the degradation of estuary environment that human beings rely on. The research in estuary, coast and environment is urgent to be deepened.

ICEC provides opportunities to exchange latest research results in this field for worldwide academicians, scholars, engineers and decision makers. ICEC-2003 was successfully held in Hangzhou, China, there were more than 100 attendees from 33 countries and regions.

ICEC-2006 will be held in Guangzhou, the central city of Pearl River Delta, China, 28-30 Nov. 2006. The Pearl River is a great river flowing through south China. As one of the most complicated deltas, Pearl River Delta has unique hydrological characteristic as “three rivers inflow, eight outlets to sea”. The attendees of ICEC -2006 will experience the complication and diversity of estuary and coast in the Pearl River Delta.

ICEC-2006 is organized by the International Research and Training Center on Erosion and Sedimentation (IRTCES) and Pearl River Water Resource Commission, P. R. China and sponsored by Pearl River Hydraulic Research Institute.

Guangzhou is the capital city of Guan Dong Province, which is the center of economic, culture, technology and transport in South China. In Shui-Tang dynasty, more than 1400 years ago, Guangzhou was the departure port of the Silk Road on the sea and created splendid culture of South-Mountain. Guangzhou is also called “City of rams” and “City of rice ears”. Guangzhou is located in the subtropics South Asia with oceanic monsoon climate and evergreen vegetation, being called as “City of flowers”. Guangzhou offered its contribution to Chinese modern history. Nowadays, Guangzhou, Hong Kong, Macao and Shenzhen and etc. have built up Pearl River Delta Economic Circle. Guangzhou is a historic, friendly, beautiful and vigorous city. The weather in Guangzhou is pleasant in November, with an average temperature of around 20 °C.

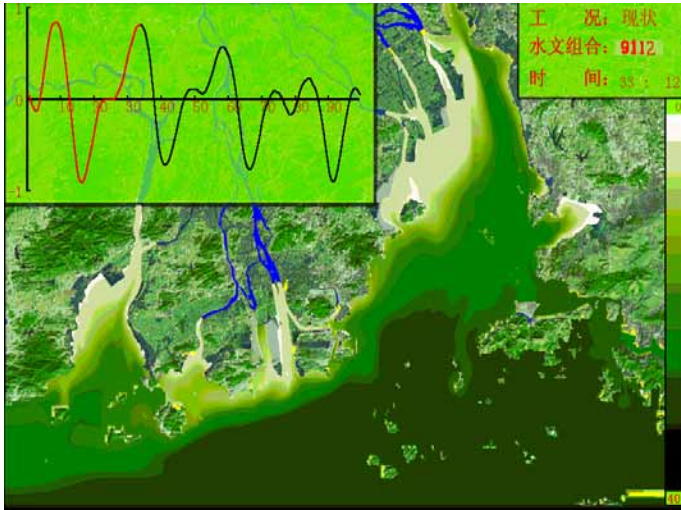


Pearl River Estuary

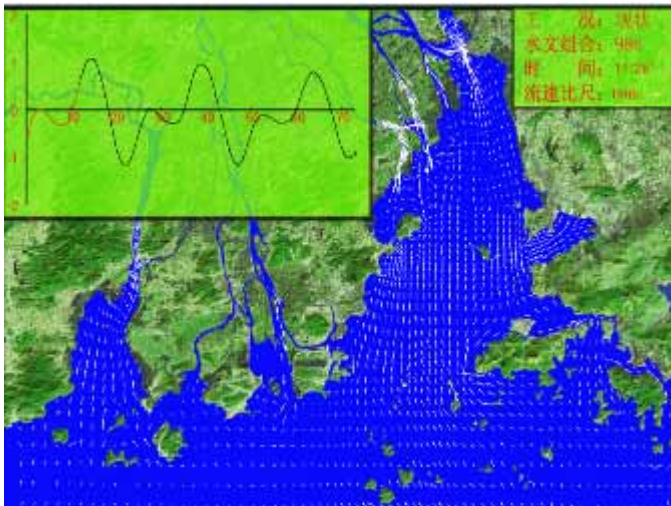
The Pearl River Delta is an alluvial plain of West River, North River and East River. The delta is covered by complicated river network. The Pearl River flows into the delta and pour forth to ocean through eight outlets, forming “three rivers flows in, eight outflows flow out”. This estuary is one of the most complicated flow-sediment interaction regions in the world. The Pearl River Delta is also one of the most flourishing and developed area with particular geographic advantage. On the Pearl River Delta stand many large and middle cities such as: Hong Kong, Macao, Guangzhou, Shenzhen, Zhuhai, Dongguan, Foshan, Zhongshan and Jiangmen.



Remote Sensing Image of Pearl River Delta



Numerical Simulation of Seawater Intrusion in Pearl River Estuary



Tidal Simulation of Pearl River Estuary

The Central Theme

Advance the Estuarine and Coastal Engineering Research to Enhance the Ecological Environment

Topics:

1. Estuarine and Coastal Processes

Evolution of estuaries, Delta development and changes of coastline etc.

2. Estuarine Eco-Environment and Its Protection

Water pollution in estuarine coastal areas, estuarine water quality monitoring, assessment and management, red tides, salt water intrusions and mitigation, wetland and everglade protection, coastal beautification for recreation, etc.

3. Maintenance and Management of Waterways in Estuaries and Harbors

Reclamation of tidal land, Seawall design standards, Coastal waterways design, maintenance, dredging and management, etc.

4. Research Technologies for Estuarine Engineering

Laboratory experimentation, computational simulation and field monitoring of tidal flows and sediment transport in estuaries and related topics.

Keynote and Invited Lectures:

1. Management of the Pearl River Estuary
2. Research on estuary and coast in China
3. Estuary numerical simulation
4. Invited presentation overseas
5. Invited presentation overseas
6. Invited presentation overseas

Working language

English

CALL for Papers and Important Dates

Abstract Submission:

Deadline: 31 March 2006

Requirement: 300-500 words in English

Notification of the abstract acceptance:

Date: 30 April 2006

Paper Submission:

Deadline: 30 June 2006

conference tours

Mid-conference technical tour

A mid-conference technical tour will be organized to visit the Pearl River MoDaoMen (outlet) improving project.



Post-conference study tour

Four routes for post-conference study tours will be planned. If participants of any routes were less than 6, the route will be cancelled automatically.

1. Guangzhou—Hong Kong—Macao—Zhuhai
2. Guangzhou—Hainan
3. Guangzhou—Guilin—Beihai
4. Guangzhou—Xi'an—Beijing

CORRESPONDENCE:

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The Second International Conference on Estuaries & Coasts (ICEC-2006)

November 28-30, 2006, Guangzhou, China

Please complete and return to the secretariat of ICEC-2006

Please type or write in legible letters

Name _____ **Title:** Prof. Dr. Mr. Ms.
Last name Given name

Affiliation _____

Mailing
address _____
_____ **City** _____ **Country** _____ **Zip code** _____

Telephone _____ **Fax** _____

E-mail _____

For the followings, please check appropriate:

- I am planning to attend the Conference
- I am planning to submit a paper, entitled

- Please keep me informed about the Conference

Signature _____ **Date** _____

Please send the registration form to:

The secretariat of ICEC-2006

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