



International Workshop on South China Sea Coastal and Ocean Meso-scale Processes

7 - 8 May 2016

—● **The Chinese University of Hong Kong** ●—

Guidebook

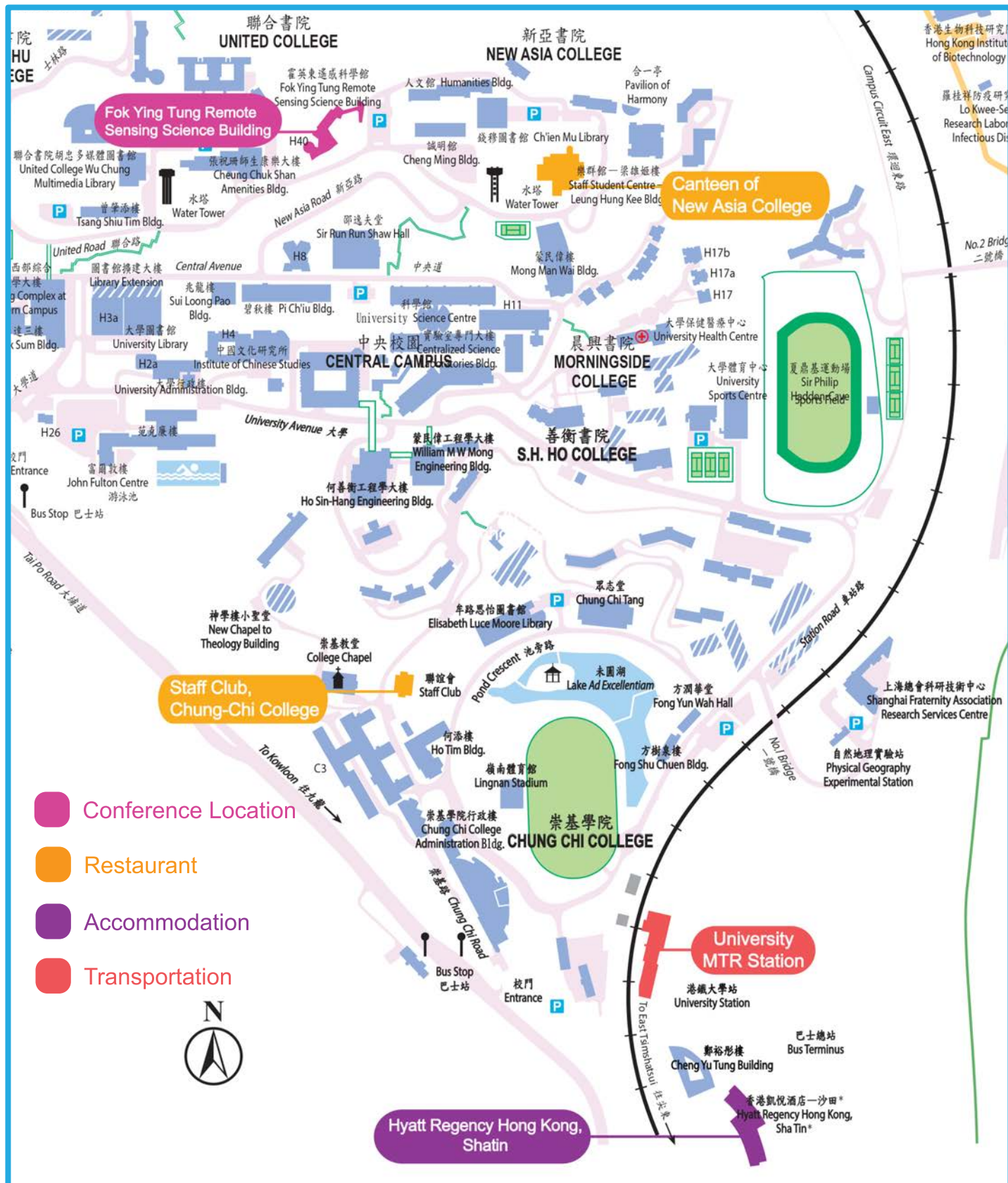


香港中文大學太空與地球信息科學研究所
INSTITUTE OF SPACE & EARTH INFORMATION SCIENCE CUHK

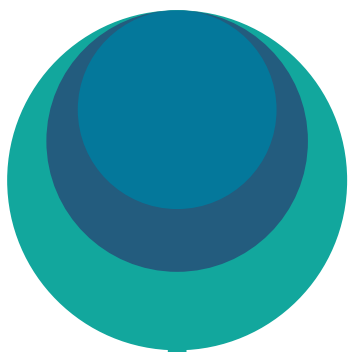


Location Map

The Chinese University of Hong Kong



Contents



Introduction	p03
Conveners	p03
Conference Information	p04
Programme	p06
Designated Hotels	p09
More about Hong Kong	p11

Introduction

The South China Sea (SCS) is a semi-enclosed marginal sea with a deep basin and broad shelves. As affected by seasonal solar radiation, monsoon, and surrounding continent and islands, the SCS shows complicated dynamic structures. Ocean meso-scale and coastal processes are important in regulating the dynamics in the SCS. This workshop will provide an opportunity to exchange and share ideas and results on studies of the South China Sea coastal and ocean meso-scale processes.

Organizer

Institute of Space and Earth Information Science, The Chinese University of Hong Kong

Conveners

- **Dr. Hui Lin**

Institute of Space and Earth Information Science
The Chinese University of Hong Kong

- **Dr. Jiayi Pan**

Institute of Space and Earth Information Science
The Chinese University of Hong Kong

- **Dr. Quanan Zheng**

Department of Atmospheric and Oceanic Science
University of Maryland

- **Dr. Dongxiao Wang**

The South China Sea Institute of Oceanology
Chinese Academy of Sciences

- **Dr. Jianyu Hu**

State Key Laboratory of Marine Environmental Science (MEL)
Xiamen University, Xiamen

- **Dr. Shuwen Zhang**

Guangdong Key Laboratory for Coastal Ocean Variation and Disaster Prediction Technologies (GLOD)
Guangdong Ocean University

Conference Information

Location

Conference Venue

- Room 303, Fok Ying Tung Remote Sensing Science Building, The Chinese University of Hong Kong

Lunches

- Canteen, New Asia College

Dinner

- Staff Club, Chung-Chi College

Name Badge

Please wear the conference name badges for identification during the conference period.

Smoking

Smoking is **strictly forbidden** in the whole CUHK campus.

Mobile Phone

As a courtesy to other participants and presenters, please ensure that all mobile device(s) is/are turned off or is/are in **“SILENT”** mode during the sessions.

Enquiries

Ms. Xia Lei

Email:lx1155074880@link.cuhk.edu.hk

Ms. Chloris Yip

Email:chlorisyip@cuhk.edu.hk

Conference Information

Shuttle Bus

7 May 2016 (Saturday)				
From	To	Departure Time*	Assembly Point	Contact Person
Royal Park Hotel	Fok Ying Tung Remote Sensing Science Building	8:00am	Main Lobby of Royal Park Hotel	Mr. Huang Lei (Tel: 5613 4931)
Hyatt Regency HK Shatin	Fok Ying Tung Remote Sensing Science Building	8:20am	Main Lobby of Hyatt Hotel	Mr. Zhongbian Chen (Tel: 6857 5693)
Fok Ying Tung Remote Sensing Science Building	Staff Club Chung-Chi College	After Program	Outside Fok Ying Tung Remote Sensing Science Building	
Staff Club Chung-Chi College	Hyatt Regency HK Shatin and Royal Park Hotel	After Dinner	Outside Staff Club, Chung-Chi College	

8 May 2016 (Sunday)				
From	To	Departure Time*	Assembly Point	Contact Person
Royal Park Hotel	Fok Ying Tung Remote Sensing Science Building	8:30am	Main Lobby of Royal Park Hotel	Mr. Huang Lei (Tel: 5613 4931)
Hyatt Regency HK Shatin	Fok Ying Tung Remote Sensing Science Building	8:50am	Main Lobby of Hyatt Hotel	Mr. Zhongbian Chen (Tel: 6857 5693)
Canteen, New Asia College	Hyatt Regency HK Shatin and Royal Park Hotel	After Lunch	Outside Canteen, New Asia College	

* The Shuttle bus will depart punctually. Please arrive the assembly point **5 minutes** before the departure time.

Programme

7 May 2016 (Saturday)

Venue: Room 303, Fok Ying Tung Remote Sensing Science Building, The Chinese University of Hong Kong

08:30 - 09:00 Registration

Opening Ceremony Host: Jiayi Pan

09:00 - 09:15 **Opening Speech**
by Hui Lin, Director, Institute of Space and Earth Information Science,
The Chinese University of Hong Kong

09:15 - 09:30 **Opening Speech**
by Quanan Zheng, Department of Atmospheric and Oceanic Science,
University of Maryland

09:30 - 10:00 Tea Break & Group Photo Taking

Contributed talks Chair: Jianyu Hu

10:00 - 10:30 **Non-elastic collision of eddies with continental slope observed in the South China Sea**
by Quanan Zheng, Department of Atmospheric and Oceanic Science,
University of Maryland

10:30- 11:00 **The Pacific to Indian Ocean Throughflow and its South China Sea Branch**
by Zexun Wei, The First Institute of Oceanography, State Oceanic Administration

11:00 - 11:30 **Eddy-Kuroshio Interaction from East of Luzon Strait to Taiwan**
by Chung-Ru Ho, Department of Marine Environmental Informatics,
National Taiwan Ocean University

11:30 - 12:00 **Ecological impact of typhoon enhanced upwelling and eddies in the South China Sea**
By Danling Tang, South China Sea Institute of Oceanology,
Chinese Academy of Sciences

12:00- 14:00 Lunch
(Venue: Canteen, New Asia College)

Chair: Danling Tang

14:00-14:30 **The tide impact on the Sea Surface Temperature in the South China Sea**
by Shih-Jen Huang, Department of Marine Environmental Informatics,
National Taiwan Ocean University

14:30-14:45 **Pathway from tides to turbulence: fission of internal solitary waves over shoaling topography**
by Zhiyu Liu, College of Ocean and Earth Sciences, Xiamen University

14:45-15:00 **Thermal variability in the South China Sea and its relationship to the western Pacific warm pool**
by Chun-Yi Lin, Research and Collection Division,
National Museum of Marine Science & Technology

Programme

15:00-15:15	Optical Absorption Properties And Mixing Behavior of CDOM In The Spring Pearl River Estuary by Xia Lei, Institute of Space and Earth Information Science, The Chinese University of Hong Kong
15:15-15:30	Modelling the interplay of tidal currents, tidal mixing and density gradients in a region of freshwater influence by Shengli Chen, Graduate School at Shenzhen, Tsinghua University
15:30-15:45	Submesoscale variability of temperature and salinity observed in the upper northern South China Sea by Hongyang Lin, College of Ocean and Earth Sciences, Xiamen University
15:45-16:15	Tea Break & Poster Session
Chair: Zexun Wei	
16:15 - 16:45	Channel-Trapped Front in the Pearl River Estuary by Jiayi Pan, Institute of Space and Earth Information Science, The Chinese University of Hong Kong
16:45 - 17:00	Cruise observation of Rossby waves with finite wavelengths propagating from the Pacific to the South China Sea by Lingling Xie, College of Ocean and Meteorology, Guangdong Ocean University
17:00 - 17:15	Sources of Eddies Approaching the Kuroshio along Luzon-Taiwan Eastern Coast by Yu-Hsin Cheng, Department of Marine Environmental Informatics , National Taiwan Ocean University
17:15 - 17:30	One-dimensional ocean model with three vertical velocities: A case study in the South China Sea by Wenfang Lu, Xiamen University, University of Delaware
17:30 - 17:45	The Footprint of ENSO on an Oceanic Eddy Dipole by Xiaoqing Chu, South China Sea Institute of Oceanology, Chinese Academy of Sciences
18:00 - 20:00	Welcome Dinner (Venue: Staff Club, Chung-Chi College)

8 May 2015 (Sunday)

Venue: Room 303, Fok Ying Tung Remote Sensing Science Building, The Chinese University of Hong Kong

Contributed Talks Chair: Chung-Ru Ho

09:00 - 09:30	Intraseasonal variability of the winter western boundary current in the South China Sea using satellite data and mooring observation by Jianyu Hu, College of Ocean and Earth Sciences, Xiamen University
09:30 - 09:45	Observation of coastal tide by using X-band marine radar by Zhongbiao Chen, Institute of Space and Earth Information Science, The Chinese University of Hong Kong

Programme

09:45 - 10:00	Observed and simulated mesoscale characteristics on their life-time scale by Ying Feng, College of Ocean and Earth Sciences, Xiamen University
10:00 - 10:15	Seasonal characteristics of internal tides and their responses to background currents in the Luzon Strait by Yong Fang, South China Sea Institute of Oceanology, Chinese Academy of Sciences
10:15 - 10:45	Tea Break & Poster Session
Chair: Quanan Zheng	
10:45 - 11:00	Possible impacts of cold jets off east Vietnam on the regional winds system by Zhe-Wen Zheng, Institute of Marine Environmental Science and Technology & Department of Earth Sciences, National Taiwan Normal University
11:00 - 11:15	Observed wave-wave nonlinear interactions due to typhoon Neoguri (2014) on the continental shelf of the northern South China Sea by Junyi Li, College of Ocean and Earth Sciences, Xiamen University
11:15 - 11:30	Observed deep energetic eddies by seamount wake by Gengxin Chen, South China Sea Institute of Oceanology, Chinese Academy of Sciences
11:30 - 12:00	Pannel Discussions
12:00- 14:00	Lunch (Venue: Canteen, New Asia College)

Poster Session

1	Tide- and wind-driven variability of water level in Sansha Bay, Fujian, China by Jia Zhu, College of Ocean and Earth Sciences, Xiamen University
2	Position variability of the Kuroshio Extension sea surface temperature front by Yanxin Wang, College of Ocean and Earth Sciences, Xiamen University
3	Comparison of three automatic algorithms for detecting mesoscale eddies in the South China Sea by Pengfei Tuo, College of Ocean and Earth Sciences, Xiamen University
4	Numerical study on the interactions between Kuroshio in the Luzon Strait and a mesoscale eddy By Yi-Chun Kuo, Institute of Marine Environmental Science and Technology & Department of Earth Sciences, National Taiwan Normal University
5	Estuarine circulation in the Pearl River Estuary by Wenfeng Lai, Institute of Space and Earth Information Science, The Chinese University of Hong Kong

Designated Hotels

Hyatt Regency Hong Kong, Shatin 沙田凱悅酒店



18 Chak Cheung Street, Sha Tin District,
New Territories, Hong Kong.

香港新界沙田區馬料水澤祥街18號

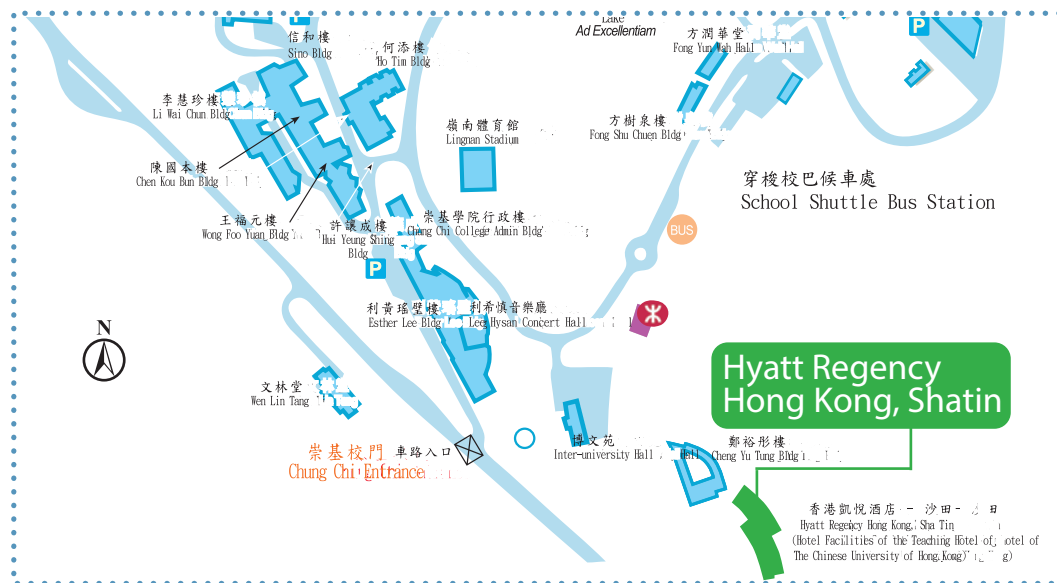
Tel: +852 3723 1234

Fax: +852 3723 1235

Website:

<http://hongkong.shatin.hyatt.com/en/hotel/home.html>

Hyatt Regency Hong Kong, Shatin is well-connected with public transport. Guests can walk between University MTR station and Hotel:



Designated Hotels

Royal Park Hotel 帝都酒店



8 Pak Hok Ting Street, Shatin, Hong Kong
香港沙田白鶴汀街八號

Tel: +852 2601 2111

Fax: +852 2601 3666

Website:

<http://www.royalpark.com.hk>

Royal Park Hotel is well-connected with public transport. Guests can walk between Shatin MTR station and Royal Park Hotel:



More about Hong Kong

Area

Hong Kong can be divided into four distinct parts:

- Hong Kong Island
- Kowloon Peninsula
- New Territories
- The Outlying Islands

Map of Hong Kong



Transportation in Hong Kong

Variety of public transportations can be found in Hong Kong. MTR Subway and bus are examples of the most popular public transportations in Hong Kong.

More about Hong Kong

Time Difference

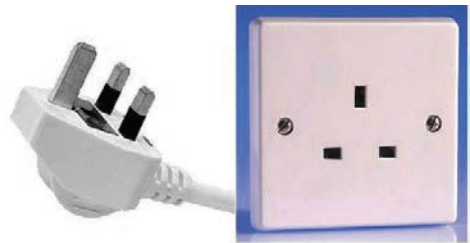
GMT/UTC + 8 hours

Local Language

Hong Kong's official languages are Chinese and English. In hotels, major restaurants, stores, and tourist centers, most people speak English and Mandarin. This is not always the case, however, with taxi drivers, bus drivers, and workers in small shops, cafes, and market stalls, people just say native Cantonese.

Electricity

220 volts, 50 cycles. Three-rectangular pin plugs are the norm.



Currency & Currency Exchange

The Hong Kong dollar (HK\$) is the official currency. It is pegged to the US dollar at HK\$7.8 to US\$1.00 and is freely convertible. Traveler's checks are honored at most banks, hotels and shops.

Major credit cards are also widely accepted and ATM (ETC) facilities are widespread.

Weather

Hong Kong is sub-tropical and temperatures in November range from 68° F / 20° C to 75° F / 24° C with humidity range from 67% to 77%. A sweater or light jacket is recommended for air conditioned restaurants and hotels. An umbrella is recommended in case of rain. The most updated information of weather can be found in the website of Hong Kong Observatory: <http://www.hko.gov.hk>



More about Hong Kong

Useful Telephone Numbers

- Emergency Telephone - Police / Fire / Ambulance: +852 999
- Citizen's Easy Link: +852 1823
- Directory Inquiries: +852 1083 (Chinese)
..... +852 1081 (English)
- Dial-a-Weather Service: +852 1878 2000
- Kowloon Bus (KMB): +852 2745 4466
- City Bus: +852 2873 0818
- First Bus: +852 2136 8888
- MTR Corporation Limited: +852 2881 8888
..... +852 2947 7888
- Taxi: +852 2383 0168
..... +852 2476 2265
..... +852 2476 4247
..... +852 2475 0417
..... +852 2657 2267
..... +852 2450 2288
..... +852 2478 8332
..... +852 2332 2571
..... +852 2574 7311
..... +852 2760 0455
..... +852 2368 1318
..... +852 2362 2337
- Hong Kong International Airport: +852 21818888 (Chinese)
..... +852 2181 0000 (English)



Enquiries

**Institute of Space and Earth Information Science
The Chinese University of Hong Kong**

Address:

**Fok Ying Tung Remote Sensing Science Building,
The Chinese University of Hong Kong,
Shatin, Hong Kong**

Ms. Xia Lei

Email: lx1155074880@link.cuhk.edu.hk

Ms. Chloris Yip

Email: chlorisyip@cuhk.edu.hk