



*The Geological Society of Hong Kong*

*30<sup>th</sup> Anniversary Celebration*

(Since 1982)



✚ Conference on Recent Development on  
Geology and Engineering Geology

✚ 30<sup>th</sup> Anniversary Dinner

✚ Field Trips

29 - 30 June 2012



# The Geological Society of Hong Kong 30<sup>th</sup> Anniversary Celebration



## 2<sup>nd</sup> Announcement

### Programme

- Conference on 'Recent Development on Geology and Engineering Geology' on Friday 29<sup>th</sup> June 2012

Conference 9.00 am – 5.00 pm

- 30<sup>th</sup> Anniversary Dinner on Friday 29<sup>th</sup> June 2012, which starts at 7.00 pm
- Field Trips on Saturday 30<sup>th</sup> June 2012

### Location

The conference and the 30<sup>th</sup> anniversary dinner will be held at the Crystal Ballroom of the Cityview Hotel (23 Waterloo Road, Kowloon, Hong Kong).

The Cityview Hotel is at 1-minute walk to MTR Yau Ma Tei Station (see attached map).

### Speakers

Speakers confirmed for the Conference include (*with title of some presentations in italic*):

**Prof. Xiang Long JIN**, State Oceanic Administration, <*The Advances of Submarine Geosciences in China*>

**Prof. Run Qiu HUANG**, Chengdu University of Technology, <*Geo-engineering lessons learned from the 2008 Wenchuan earthquake in Sichuan and their significance to reconstruction.*>

**Prof. L. S. CHAN**, The University of Hong Kong

**Dr. Rod SEWELL**, GEO, CEDD, <*Updating of Hong Kong Geological Survey 1:20,000-scale Geological Maps*>

**Dr. Samuel NG**, GEO, CEDD, <*Long-term Strategy for Rock Cavern Development in Hong Kong*>

**Prof. Chia Yu LU**, National Taiwan University, <*Interactions between tectonics and surface processes in Taiwan: insights from sandbox experiments.*>

**Dr. Hao Tsu CHU**, Taiwan Central Geological Survey, <*Examples of Active Fault Observation and Research on Earthquake Potential in Taiwan: the Hukou Fault and the Chishang Fault*>

**Mr. K. W. LAI**, Fugro (Hong Kong) Ltd., <*New evidences of paleovolcanic plug in Tuen Mun Area, Hong Kong*>

**Mr. Felix AMBERG**, Amberg Engineering Ltd., Switzerland, <*Cavern Design and Construction in Challenging Ground Conditions*>

**Mr. Chia Han LEE**, United Geotech, Inc., Taipei, Taiwan, <*Sustainable use of reservoir in Taiwan – underwater tunnel piercing method.*>

### Exhibition and Sponsorship

Opportunity is available for contractors, consultants, suppliers, and manufacturers to showcase their capabilities and products at the Conference venue.

A variety of sponsorship and advertising opportunities are available, details of which are provided on our conference website <<http://www.geolsoc.org.hk/30th.htm>>.

### Registration and Payment

Participants may join all the 3 functions (conference, dinner and field trip) or any combination of events.

Registration fee for conference on 29<sup>th</sup> June 2012 includes:

- Conference admission
- Lunch
- Coffee breaks
- Conference proceedings

CPD certificate will be provided to participants.

Details of registration and payment method are provided in the registration form attached.

### Contact Details

All enquiries should be addressed to <[geolsoc.hongkong.30@gmail.com](mailto:geolsoc.hongkong.30@gmail.com)>.

*\*The conference will be conducted in English/Mandarin. Instant translation would not be provided.*

#### Inclement Weather Policy:

In case of typhoon signal no. 1 or no. 3 / Amber or Red rainstorm warning issued on the day of event, function will be scheduled as normal.  
In case of typhoon signal no. 8 or above / Black rainstorm warning in force 2 hours before the starting time of event, function will be re-scheduled.



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## Field Trip Options

### A) Boat Trip to Tung Lung Chau and Po Toi Island

**Assembly Place:** Sai Wan Ho Public Pier      **Time / Date:** 9am-6pm, 30<sup>th</sup> June 2012  
**Trip Leader:** Ms. Denise Tang, HK Geological Survey      **Limit:** 40 Persons

The boat trip will take participants to two outlying islands, Tung Lung Chau and Po Toi Island, in the southern part of Hong Kong. The rocks exposed on these islands are wholly different, one being volcanic and the other being granitic. Despite that, the geological features there are equally fascinating. The field trip leader, Denise, will explain the latest model of caldera complex in southeast Hong Kong, and discuss the relevant observations on both islands. If time and weather permit, the boat will take a detour and sail around to the Ninepin Group where the columnar jointed tuffs are exposed.

\* The group will be dismissed at Stanley Public Pier by around 6pm.

### B) Boat Trip to Tolo Channel, Port Island and Double Haven

**Assembly Place:** Ma Liu Shui Pier      **Time / Date:** 9am-6pm, 30<sup>th</sup> June 2012  
**Trip Leader:** Mr. Patrick Ho, HK Geological Survey      **Limit:** 40 Persons

The boat trip will take participants to the northeastern part of Hong Kong, where sedimentary and volcanic rocks of different ages can be observed. Most of the rocks along the north shore of Tolo Channel and at Bluff Head are the oldest in Hong Kong, formed about 400 million years ago during the Devonian Period. Lai Chi Chong showcases various volcanic rocks and sedimentary rocks formed about 146 million years ago. Distinctive geological features, such as faults and folds, are found. Two thirds of Port Island consists of red sedimentary rocks, which are mainly conglomerate, sandstone and siltstone, formed about 100 million years ago during the Late Cretaceous Period. At that time, the climate was dry and hot, and iron in the sediments oxidized, turning the rocks red. If time permits, we will go to Double Haven, where there are younger Late Cretaceous red sedimentary rocks and older Jurassic tuff.

### C) Field Trip to Palaeovolcanic Plugs in Tsing Shan Monastery

**Assembly Place:** Cityview Hotel, Yau Ma Tei      **Time / Date:** 9am-5pm, 30<sup>th</sup> June 2012  
**Trip Leader:** Mr. K W Lai, Fugro (Hong Kong) Ltd.      **Limit:** 24 Persons

Field visit to Tsing Shan area where a series of rarely and distinctively palaeovolcanic plugs can be found. They are mostly cylinder to cylindroid in shape with stratovolcanic deposits surrounding the magnificent volcanic tower. The plugs are composed of explosive breccias and andesite-dacite lava with air and lava flow structures.

\* Please be reminded to wear hiking boots, a hat, and sunglasses for the field trip. Please bring along sufficient drinking water as it will be hot.

\* If there are less than 10 participants for any of the trip, the trip will be cancelled. Participants will be arranged to join another trip according to their preference as far as possible.

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**REGISTRATION FORM**

29 - 30 June 2012

Name: (Prof/Dr/Ir/Mr/Mrs/Ms): \_\_\_\_\_  
(First Name) (Surname)

Company: \_\_\_\_\_

Correspondence Address: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

**Registration Fee**

	Registration Fee <sup>(2)</sup>			Total Amount
	Conference on 29 June <sup>(3)</sup>	Dinner on 29 June <sup>(3)</sup>	Field Trip on 30 June <sup>(3)</sup>	
Geol Soc Members (Early Bird) <sup>(1)</sup>	\$700	\$250	\$250	\$
Geol Soc Members	\$800	\$350	\$350	\$
Non-members (Early Bird) <sup>(1)</sup>	\$800	\$350	\$350	\$
Non-members	\$900	\$450	\$450	\$

Field Trip Preference: > 香港 > 地質 (for example, C>A>B)

*\*Remarks:*

1. Early Bird Registration valid up to 10 May 2012.
2. Students can enjoy the early bird rate throughout the registration period. Please send copy of the student card as proof.
3. Please circle the selected item.

**Details of Payment Method**

\$HK ATM Transfer  \$HK Deposit to GSHK Bank Account  E-banking

Payment Amount: HK\$ \_\_\_\_\_

Bank Account of GSHK: HSBC A/C No. 634-245443-838

Please send the completed registration form and scanned image of payment record to <geolsoc.hongkong.30@gmail.com>. Successful participants will be notified by email.