



Land Surveying Division
Sr Dr Conrad Tang LSD Council Chairman

HKIS Annual Dinner

LSD Councils joined Table 61 with honourable guests from the Survey and Mapping Office (SMO) and Royal Institute of Chartered Surveyors, while our private practitioners sat at Table 62. Together with the old boys and young councils, everyone had a delightful evening.



LSD Annual General Meeting

On 12 November, the LSD held its AGM, which ran smoothly. The LSD Council will continue to work on four major areas:

- 1) Land Survey Ordinance enhancement
- 2) Land surveying services in smart cities
- 3) Entrance qualifications and membership issues
- 4) Job market, opportunities, and challenges

The 2019 Council members elected are as follows:

| Post | Name |
|--------------------------------|---|
| Chairman | LAM Lik Shan |
| Vice-Chairman (2 seats) | WONG Yiu Cho Joseph TSUI Hoi Yuen |
| Honorary Secretary | WONG Wing Yin |
| Honorary Treasurer | CHAN Chi Hung |
| Council Member | CHAN Yue Chun CHEU Yuk Yi HUNG Ching KOO Tak Ming LAU Chi Kwong LEUNG Pui Yee LI Ho Fai, Clayton LI Tze Hoi TANG Kam Chuen Lionel TANG Sze Kin TANG Wing Lun TO Ka Yi WONG Ching Kei WONG Kin Michael WONG Pak Wai YIP Hon Wah Frankie |
| Associate Member | IP Kwok Keung |
| YSG representative | YUEN Wing Yan |

HKIS Visit to the Ministry of Natural Resources

On 2 November, with the helpful facilitation of the Liaison Office of the Central People's Government in the HKSAR, HKIS delegates visited several ministries and bureaux in Beijing.



This Conference was organised by the Guangdong National Land Resources Bureau. Vice Director Young and Vice Mayor Jing of Yuen Fu City inaugurated and addressed the attending surveyors. Assistant Director Leung of the Lands Department reported the geomatics service progress in Hong Kong. The two-day event included visits to the New Technology Park, Wan's Group of Food Production corporate headquarters, Zen Square, and the Tang Dynasty Buddhist Temple in Yuen Fu City.

Last, but not least, the LSD Council decided to not add an extra charge, so the Hong Kong participants paid for only their hotel and transportation. The host covered the conference fee. As a courtesy, the LSD Council hosted a dinner on 3 November. Its younger surveyors matched this generosity by extending a drinks gathering invitation to their Guangdong hosts.

Guangdong-Hong Kong-Macau Surveyors Conference



2018 LSD Chairman Report

Hi, land surveyors! Time flies and this is my third and final LSD Chairman's Report. During this time, the 2018 Council continued on four tasks:

- 1) Land boundary surveys
- 2) New surveying applications for smart cities
- 3) Membership
- 4) Housekeeping works and Mainland affairs

The major activities and issues are summarised below for members' information.

1. Land Boundary Survey

Under the leadership of Sr Prof SC Leung, the Land Boundary Committee (LBC) continued to discuss with the Development Bureau and Lands Department on its eventual targets and

the legal sanctioning of land boundaries. The Government gave the LSD frank and sincere replies, which stated that in the near future, the amendment of the Land Survey Ordinance would be of low priority, so a law for the re-establishment of land parcel boundaries is needed.

The SMO keeps improving the automation of its mapping services and distribution of cadastral survey information. The Hong Kong Mapping Service (HKMS) 2.0 website, for which the preparation work and scanning of survey folders started a decade ago, is certainly more convenient than taking a trip to the SMO office in North Point. The HKIS appreciates the efforts of its SMO colleagues in setting up HKMS 2.0. Every new operating system has its trial period and practitioners have faced many changes and difficulties in accessing the usual cadastral information online. The Land Boundary Committee and ALS Association will work together with the SMO to iron out these bugs.

Sr Prof SC Leung and Sr Eric Tang contributed to the HKIS's land boundary talks in their CPD.

2. New Surveying Applications in Smart Cities

Land surveyors master new technologies including 3D modelling, remote-sensing, UAVs, and BIM. All new developments and applications would make a great contribution to Hong Kong's ultimate goal of becoming a smart city.

Professional engineering surveying practice guides and standards are fundamental to surveying services in Hong Kong. The Government's engineering and construction-related departments have produced Engineering Survey Practice Guides, which consultants and contractors on engineering projects should find useful. The LSD introduced these Guides in May 2018 and wants to adopt them as the engineering surveying practice standard in

Hong Kong. Its communications with the Government over this issue will continue in the immediate future.

On the CPD front, Sr Ng Wai Tak discussed geo-tagged societies and Sr Chan Yue Chun covered surveying applications relating to recent smart city designs in Hong Kong. Prof John Shi delivered a talk on smart city developments. Dr XL Zhu introduced data fusion technology in satellite image processing. Dr William Fung talked about the engineering applications in scanning. Mr HB Guo demonstrated the flying records of oblique aerial photogrammetric systems. We thanks all speakers once again.

The LSD presented at the 2018 HKIS BIM Conference. It notices that its younger surveyors have been performing more scanning and photogrammetric operations to form orthographic and 3D models and wants to continue promoting these newer technologies through CPDs and conferences.

BIM is undoubtedly an important area for land surveyors, to which format they convert their point clouds, 3D models, and derived plans. Noticing the increasing importance of BIM operations, the LSD organised a land surveying-BIM operations meeting with practitioners from the HKIS, RICS, ICES, and HKIES in October, during which participants discussed its latest operations and future development aspects. The LSD shall expand this dialogue to include all land surveying professionals.

3. Membership

In 2018, the LSD did much to recruit capable surveyors into the HKIS. As a Government-recognised land surveying professional institute, it has a duty to maintain a constant supply of professionals in the open market who must uphold the professional and technical standards that the Institute sets. The breakthrough will hopefully come from an official signing

of a memorandum of mutual recognition of membership (MMRM) with the RICS scheduled for 27 November 2018.

In fact, the LSD already adopted this agreement with a specific target group in mind: non-HKIS members on the Resident Land Surveyor list. Still, younger Geomatics RICS members covered by the agreement must convince the HKIS Membership Board of their sufficient professional work experiences in Hong Kong before they can achieve corporate membership in the HKIS.

In September, the LSD Education Council (LSDEC) adopted a training period for post-qualification experience, as provided by the ICES for professional training and HKIES for technical training, during the LSD membership training period. In short, this adoption excludes the need for written evidence of one's professional/technical training. However, passing APCs 1 and 2 is still necessary. By relaxing the diary and records requirement, the LSD hopes to absorb more associate and corporate members.

The LSD continues to attract suitable geomatics practitioners to join its professional division. Its councils have agreed to continue exploring the possibility of extending its MMRM to ICES and the International Institute of Utility Specialists.

4. Mainland and Housekeeping Issues

On Mainland affairs, the LSD joined HKIS office bearers on a visit to the Guangdong Natural Resources Bureau on 2 November and reported on the successful application of the Hong Kong Professional Services Advancement Support Scheme (PASS) to Belt and Road countries. General Director Wang opined that this Hong Kong project fell under the Natural Resources Ministry's working policy. He asked for more details on the project and invited Hong Kong to participate in similar Bureau projects.

From 1-4 November, the Guangdong, Hong Kong and Macau Geomatics Conference was held in Yuen Fu City. This is a biennial surveyor gathering hosted by the Guangdong Natural Resources Bureau, which attracts land surveyors and land administrators from three areas. The theme this year was the joint efforts and development of the surveying services in the 9 + 2 Guangdong area.

Currently China has 17,000 national registered professional surveyors and over 19,000 qualified surveying institutes that call for incumbent registered surveyors. Its national policy and law prohibit the signing of mutual recognition agreements. Hong Kong and Macau are encouraged to promote and send candidates for training and examination under the national surveyor programme.

The LSD's housekeeping tasks demand great efforts from its younger members, who busily update its website and have organised one visit to Pakistan, one to the Guangdong geomatics conference, nine CPDs, the Annual Dinner, one APC workshop, and one Probationer Meeting in the past year. These tasks enhanced the LSD's operations and services. For that, I wholeheartedly thank the LSDEC's Councils and colleagues and wish the LSD another prosperous and fruitful year.