



Land Surveying Division

Sr Dr Conrad Tang LSD Council Chairman

In this hectic and competitive world, we, as land surveyors, are part of the professional services that help power the economic engine of our society. We have a neat scope of expertise; we perform our tasks with a prescribed standard; and we fulfill a duty that society expects from us. But do we know how well we have performed as individuals or the overall performance of the system itself?

We have a specific scope of skills and techniques. Technology has been constantly progressing such that even in our basic measurement operations, we now have the option of using new tools and skills. The point-to-point measurement mode may soon be replaced by scanning or imaging technology. Thus, the LSD picks hot surveying technology topics to discuss during CPD events.

Sr Yik Wai-fung of the Highways Department has agreed to deliver a CPD talk on mobile mapping systems in April. On the topic of smart cities, Jimmy Lau of Bentley Systems HK, Ltd, will present the Advanced Reality Model on 3D mapping in May. Sigma Mascot (HK), Ltd, has committed to presenting its low-cost, non-metric-camera UAV system during a CPD this summer. Many other interesting talks are also in the works.

Land boundary issues are always in my heart. I am pleased to tell you that our Past President, Sr Simon Kwok, has kindly agreed to deliver a CPD talk on the development of Hong Kong's land boundary system in August.

During the January 2016 LSD meeting, I received acknowledgements from our ALS Council members that each of them would give a CPD talk on land boundary disputes. Detailed arrangements are in progress. Sr Tang Wing-lun immediately 'volunteered' his partner at Leung Shou Chun Land Surveying consultants, Ltd, Sr SC Leung, to deliver a CPD talk in March. The topic is quite mathematical: "{Occupation

+ Greed} X {Record + Bureaucracy} = Adverse Possession". If this ALS series of boundary CPDs receive good feedback, the LSD will extend its invitations to all other ALS members.

Technical know-how is important. Professional ethics is even more important. It is the prescribed technical standard that we promise to achieve. On land boundary surveying, it is the Code of Practice under the Land Surveying Ordinance. The HKIS prescribes the Guidance Notes for Land Boundary Surveys to re-establish lot boundaries. It also follows the practices stipulated in the Code of Practice.

A land surveyor performs one's task with advanced technology and observes the rules contained in the professional guide. But it may not be satisfactorily completed in accordance with the general public's expectations. Many of us do our jobs well, yet we may not always do a good job. The professional ethics that we prescribe today may not comprise the whole picture of ethics to professionals. We always ponder if our work meets the general public's expectations. Many of us believe that there is a big gap between what we can and should do.

The LSD sees the need to identify its good performances and drawbacks. So please kindly express your views in our land boundary survey system at the website below:

Questionnaire on the Hong Kong Cadastral Survey System

latest update: <Jan 04/2016>

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(What's New!) Part 2 -- Launched in January, 2016

Questionnaire on the Performance of Hong Kong Cadastral Survey System

The 2015 LSD research project, “Studies on the Performance of the Hong Kong Cadastral Survey System,” aimed to determine how well the Hong Kong cadastral survey system fitted the purposes of society. Under the LSD’s coordination, an online questionnaire was distributed to collect feedback from LSD professional members. As of this writing, we have received 52 responses from our members. The collected opinions and judgements shed light on the development of Hong Kong’s cadastral survey industry. We thank these members for their contributions. To view the souvenir delivery arrangements and the briefly summarised survey results, please visit <http://goo.gl/forms/TwTJWIPgu8> or scan the QR code above.

A Hong Kong Land Surveyor’s Publication Competes for a World Honour

During the January LSD meeting, the councils passed a motion to support a land surveyor, Prof John Shi of the Department of Land Surveying and Geo-Informatics, in his bid for the book award of the Karl Kraus Medal of the International Society for Photogrammetry and Remote Sensing. We recommend that you read Prof Shi’s book, *Principles of Modeling Uncertainties in Spatial Data and Spatial Analyses*.

