



Land Surveying Division
Sr Dr Lesly Lam LSD Council Chairman

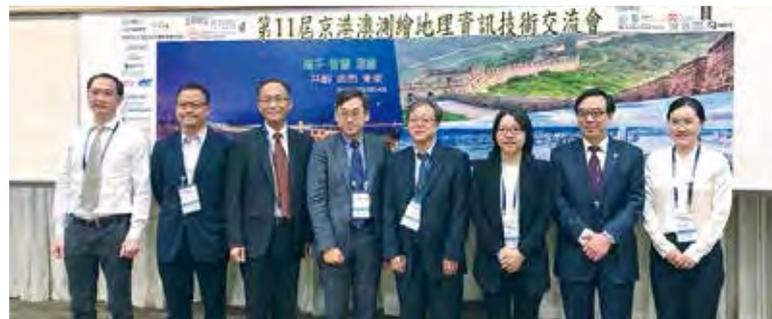
Beijing Society of Surveying and Mapping (北京測繪學會) Visit the HKIS

Led by Professor YANG Bo-gang (楊伯鋼教授), delegates from the Beijing Society of Surveying and Mapping visited the HKIS after the 11th Beijing-Hong Kong-Macau Geomatics Conference. Before coming to HKIS headquarters, the delegation joined LSD Chairman Sr Dr Lesly Lam on a personal tour of Central's footbridge system and learned about CBD development in Hong Kong.

During the HKIS visit, Lesly and LSD Vice Chairman Sr Joseph Wong had a good dialogue on various aspects, especially the closer communications between the two organisations in this new era of smart city development.

11th Beijing-Hong Kong-Macau Geomatics Conference

The 11th Beijing-Hong Kong-Macau Geomatics Conference was successfully held from 23-24 May at the Hong Kong Polytechnic University. Over 100 delegates from these three cities joined the conference, a full report of which will be published in the next issue of *Surveyors Times*. For those who missed this great event, please stay tuned.



Fellow, Young, and New LS Members Join the HKIS 35th Anniversary Cocktail Party

The HKIS 35th Anniversary Cocktail Party was successfully held on 26 April at the Hong Kong Conventional and Exhibition Centre. The LSD Council's special guests were past Chairmen

and fellow LS members who had contributed greatly to its success. Members should be able to detect some familiar faces in the following photo.



LSD Chairman Joins the QSD Annual Dinner 2019

LSD Chairman Sr Dr Lesly Lam joined the QSD Annual Dinner 2019, which is always one of the greatest annual events for the HKIS with guests from the real estate and construction industry. Moreover, many amusing programmes were arranged for the dinner. The event allowed guests to relax after work and chat with friends in a pleasant environment. The LSD congratulates the QSD on the dinner's success.



Professional Advancement Support Scheme (PASS Ref: PS173005): Promote Surveying & Mapping Professional Services in Belt and Road Countries

Reported by PASS Project Officer: Desmond Fung

Under the PASS project, an LSD delegation organised a five-day exhibition cum visit to Kazakhstan. The team visited Almaty, the former capital of Kazakhstan. The word, 'Almaty', means apple city in the Kazakh language.

In Almaty, the team successfully hosted a booth and exhibited Hong Kong's remote-sensing and unmanned aerial vehicle (UAV) applications in land surveying to Kazakhstani professionals from various fields. The host institution, Al-Farabi Kazakh National University, boasts 15 faculties and this conference gave them all a chance to demonstrate their work to an international audience.

The LSD also visited some of its counterparts in Kazakhstan and had enlightening discussions with them.

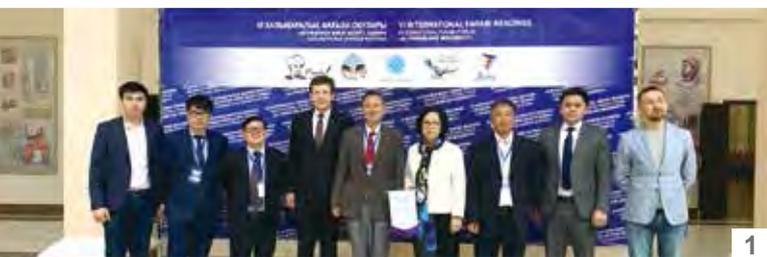
Below is a brief summary of the teams' fruitful results.

Overall Summary of the Exhibition and Visit to Kazakhstan	
Visit Period:	1-5 April 2019
Conference Attended:	Al-Farabi International Readings
Conference Duration:	2-12 April 2019
Number of Organisations Visited:	4
Seminars/Talks Delivered:	4

DIVISIONAL NEWS & ACTIVITIES

組別簡訊

Brief Introduction to the Organisations Visited		
Name	Summary	Collaboration
Department of Geography, Land Management, and Cadastre at Al-Farabi Kazakh National University	Host department and main training institute in Kazakhstan for the land management and cadastral fields	<ol style="list-style-type: none"> 1. Seminar by Hong Kong surveyor, Sr Dr Conrad Tang, on Hong Kong's cadastral system and its land surveying work environment 2. Seminar by Hong Kong surveyor, Sr Thomas Lee, on UAV applications in land surveying 3. Discussion of the technologies for geographical analysis and land management
Geostroyizyskaniya LLP	<ul style="list-style-type: none"> • Company that works with Topcon and Sokkia as its local representative and on different land surveying-related projects • Is well-known by land surveying specialists in Russia, Ukraine, Belarus, and Kazakhstan 	<ol style="list-style-type: none"> 1. Discussion of Kazakhstan's cadastral system and if Hong Kong's cadastral specialists can help re-establish it 2. Sharing session with Hong Kong surveyors to see how UAV technologies help collect accurate survey data within short time periods 3. Technological exchange by discussing how MMS and terrestrial scanners can be implemented
Republican State Enterprise on the Right of Economic Management – State Institute of Agricultural Aerial and Geodetic Surveys (GISHAGI)	This state enterprise, which was established on 8 June 1936, mainly performed aerial geodesic work to increase the level of information support for the quantitative and qualitative states of land resources.	<ol style="list-style-type: none"> 1. Seminar by a department head from this organisation to introduce its main duty, agricultural land mapping, in Kazakhstan 2. Seminar by Hong Kong Surveyor, Sr Thomas Lee, on UAV applications in land surveying 3. Discussion of how Hong Kong's UAV technologies can help accurately map agricultural fields and replace the original approach of this organisation, which was to use airplanes to map these fields to within 0.5-metre accuracy
JSC State Corporation Government for Citizens, Almaty Branch	This organisation acts like a multiple organisation as a public service centre, real estate centre, research and production centre of the land cadastre, and state centre for pension payments.	<ol style="list-style-type: none"> 1. Seminar by a department head from this organisation to introduce its main duty, serving as an integrated centre for information management in Almaty 2. Seminar by this organisation's head of its cadastre sector to introduce the Kazakhstan cadastral system 3. Seminar by Hong Kong Surveyor Sr Dr Conrad Tang on Hong Kong's Cadastral System 4. Seminar by Hong Kong Surveyor Sr Thomas Lee on the application of the land surveying field 5. Knowledge exchange on the cadastral system



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1. Conference at Al-Farabi Kazakh National University
2. Department of Geography, Land Management, and Cadastre at Al-Farabi Kazakh National University
3. Geostroyizskaniya LLP
4. Republican State Enterprise on the Right of Economic Management – State Institute of Agricultural Aerial and Geodetic Surveys (GISHAGI)



CPD: Blockchain and Land Registration by Mr Anthony Leung, Co-founder, Silk Road and Belt Technology Limited

It was the LSD's honour to have Mr Anthony Leung come present a very informative CPD to its members on 16 May. During the CPD, he discussed applying Blockchain technology to land registration. Different industries are exploring Blockchain as they seek to benefit from the accuracy and speed that this technology can offer. The UK's real estate sector has also begun to explore its benefits and is considering using the technology in land registration due to its ability to manage financial transactions, asset transfers, and regulatory obligations. With smart contracts enabling self-execution when certain conditions are met, transactions could be completed faster.

