



Land Surveying Division

Sr Dr Conrad Tang LSD Council Chairman

Engineering Survey Practice Guides for Works Projects

The Engineering Survey Practice Guides for Works Projects (ESPG) was recently issued by the Government's Land and Engineering Survey Board, which includes members from land and engineering surveying in various engineering departments and the Lands Department's Survey and Mapping Office. It provides a good reference to the latest surveying methods and specifications for the land surveying industry. While it is still in its trial stages, it broadly covers the administration of survey activities for works projects, technical guides, and procedures for different surveys such as road alignments, earthwork computations, monitoring surveys, UAVs, laser-scanning surveys, and so on.

This is an excellent effort by the Government's professional land surveying sector. ESPG should serve as a useful engineering surveying guideline for various Government projects. The LSD has not yet adopted an engineering surveying specification for the industry to follow. It considers itself responsible for seeking one industry standard that is most suitable for its engineering surveying needs. ESPG is certainly a promising candidate for that.

Some LSD members, who are now consultant surveyors on Government projects, have highly recommended ESPG to serve as the industry standard. Furthermore, they want to see it include surveying fields like utility surveying and surveying standards in BIM and GIS.

To publicise ESPG, the LSD shall formally request permission from the Government to make it available on its website for its members to download. That would allow members to offer valuable feedback on and contributions to

refine ESPG. The HKIS Engineering Surveyor Working Group communicates with members of the ESPG working panel. If you want to join the engineering communication group or have views on the use of ESPG, do e-mail us at lsd@hkis.org.hk. Meanwhile, if you have questions about the new ESPG, please e-mail smohq@landsd.gov.hk or find the information you seek from the FAQ corner for ALS/RPS at:

https://www.landsd.gov.hk/mapping/en/leg/lso_faq.htm.



Resident Land Surveyor

Sr Hon Tony Tse called a meeting with HKIS divisional representatives on 21 May.

Sr Franky Yip Hon-wah represented the LSD and brought up the issue of employing resident land surveyors (RLS) in public engineering projects. Tony requested the statistics of and rationale behind this. Franky and the engineering task force group will seek feedback and opinions from RLS practitioners.

Meanwhile, the LSD has received requests from the Resident Site Staff Association to acknowledge the fact that there were some resident land surveyors who qualified through the Mutual Recognition period before 2014. The HKIS General Office duly replied that there was such an agreement before 2014. It informed the Chairman of the Resident Site Staff Association, Ir Neil Wong Man Kai, that the LSD would welcome RLS members to apply for MHKIS through APC1 and APC2. Daily and work experience could be waived upon a candidate's acceptance by the Land Surveying Divisional Education Council.



to join the survey exhibit without having to pay a booth cost, as that has already been paid by the project. Still, participants have to handle their own transportation costs. For those who are interested, please e-mail lsd@hkis.org.hk for more details.

CPD Events

Dr Zhu Xiaolin is a young research academic in the Department of Land Surveying and Geo-informatics, The Hong Kong Polytechnic University. He works on the remote sensing field by focusing on spatiotemporal data fusion. As explained in his CPD talk on 16 May, Dr Zhu combined high resolution and small area images with low resolution and board area images, so as to predict the temporal changes in low resolution areas with high resolution prediction accuracy. Members who are interested in satellite remote sensing should visit Dr Zhu's website at:

<https://xiaolinzhu.weebly.com>.



PASS Project

In this government-supported Belt and Road project, the LSD will host a two-day land surveying exhibition in Kazakhstan, Pakistan, Sri Lanka, and Beijing between now and 2019. The Kazakhstan exhibit will be run during the GIS in Central Asia Conference in June 2018 in Almaty. Exhibits for the other three places will be held in 2019. Land surveyors are welcome