



Land Surveying Division
Sr Paul Tsui LSD Council Chairman

LSD Annual Conference 2022 (29 October 2022)

I proudly announce that the LSD will hold its Annual Conference 2022 on 29 October 2022 in hybrid mode. The theme of the conference is “Land Surveyors – Driving Innovation in the New Era of Geospatial Data”. With the coming launch of Common Spatial Data Infrastructure (CSDI) by the end of this year, a large amount of ready-to-use geospatial data will be available for public access by then. It should enable and trigger many innovative applications across various industries and disciplines using geospatial data. Land surveyors, as the specialists in collecting, handling, managing, analysing, and visualising geospatial data, play an important role in facilitating and empowering users to make differences in their workplaces, communities, and even the world with geospatial data.

The Conference aims to explore GIS applications and geospatial data from diverse areas and professions. Ten guest speakers from various backgrounds and sectors will join and share how they use geospatial data to enhance and facilitate their work.

I want to highlight a few guest speakers here. Hong Kong is reopening and its airport is the critical infrastructure that connects the city to the world. Ir Ricky LEUNG (Executive Director, Engineering & Technology) of the Airport Authority will share how it uses GIS and geospatial data to help keep Hong Kong International Airport in optimal condition and meet future challenges.

The threat of climate change has become almost irreversible and the world is already

suffering from its effects. Calls for sustainable development are stronger than ever. The LSD has invited Mr Terence TSANG, Assistant Director, Environmental Assessment, of the Environmental Protection Department and Ar Paul CHAN, President of the Hong Kong Institute of Landscape Architects, to share their views on how GIS and geospatial data can help with sustainable development.

Learning from history is a crucial developmental process for people. The LSD is also glad to invite Dr Chi Man KWONG, Associate Professor in the Department of History at Hong Kong Baptist University, to share how he uses GIS to teach his history students about spatial history.

Youth are the future of the surveying profession. Thus, the LSD has extended special invitations to two students from the Department of Urban Planning & Design at the University of Hong Kong to present their award-winning projects on Mongkok’s urban renewal through the application of GIS and open geospatial data.

With such an impressive list of guest speakers, I strongly call for all HKIS members to join the Conference. Details of the programme will be posted on the HKIS CPD webpage soon. Please look out for “LSD Annual Conference 2022” and register for it as soon as possible.

CPD Highlights

“Land Surveyors’ Role for a Sustainable Future”

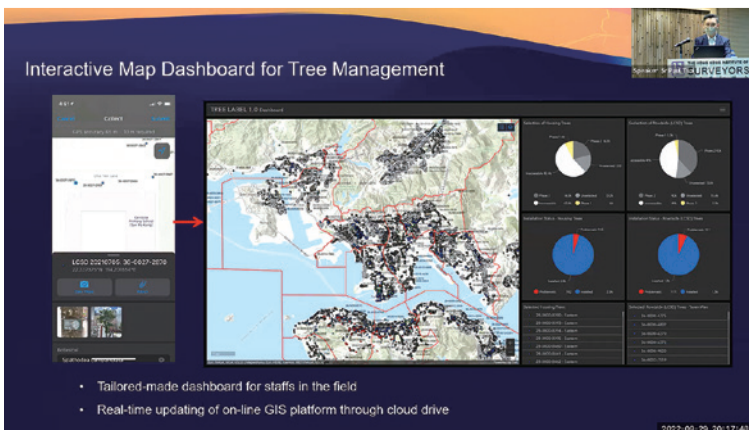
Land Surveyor and Chief Executive Officer of ESRI China (Hong Kong), Sr Paul TSUI, shared with the HKIS a CPD on the role of land surveyors in promoting sustainable development.

DIVISIONAL NEWS & ACTIVITIES

組別簡訊

During his talk, Paul discussed how GIS and geospatial data are the most powerful “weapons” for combatting climate change, achieving sustainable development, and making Hong Kong prosperous. He presented case studies ranging from mapping the marine biodiversity of Tolo Harbour and Channel to using GIS and spatial intelligence to lower the environment impact worldwide by Nespresso.

The Q&A session was chaired by LSD Council member Sr Ricky CHEUNG. Ideas and opinions on how land surveyors can help better “visualise” the need for sustainable development were exchanged. “GIS and spatial data can help and matters,” said Paul as he concluded the talk with his vision of a sustainable future. At the end, Ricky presented him with an e-certificate of appreciation.



Key Takeaways

- Mapping and Data are necessary for achieving sustainable development. GIS is an indispensable platform to utilize data.
- Land surveyors are the key professional to setup and operate GIS platform for other professionals, helping governments and organizations achieve their SDGs via geospatial data and technologies.

Environmental Social & Governance (ESG)

“The consideration of environmental, social and governance factors alongside financial factors in the investment decision-making process.”

What is Spatial Finance?

Banks, insurers, and other financial players use GIS technology and spatial data to assess a company's impact on the world around it.

