



Land Surveying Division
Sr Paul Tsui LSD Council Chairman

LSD Annual Conference 2023

The LSD Annual Conference 2023 was successfully held on 14 October at the Regal Hong Kong Hotel with over 250 participants. This was the division's first in-person annual conference since the pandemic. To attract younger participants, the LSD set a very special and affordable rate for Probationer and Student members. Consequently, almost half of the attendees were future land surveyors and that is really encouraging. Even one of the speakers from Singapore praised the division's younger members for participating in this event.

One of the highlights of this year's Conference was the participation of overseas guests. The LSD was honoured to have ten members from the Land Surveying Division of the SISV and four from Land Surveyors Board Malaysia fly in to attend the Conference. I really appreciate and thank them for their valuable support.

The Conference theme this year was, "Connecting the City with Geospatial Intelligence". The LSD was truly honoured to have Mr Liu Chun San, JP, Under Secretary for Transport and Logistics, HKSAR Government, as its Guest of Honour and to deliver an enlightening opening keynote speech.

The Conference was fruitful and thought-provoking with four successive sessions and two panel discussions in the morning and afternoon. Twelve speakers representing a wide spectrum of industries and sectors came to share their valuable experiences with and insights into using geospatial data, GIS, and geospatial technology to enhance smart mobility. For details of the speakers and their topics, please go to: <https://tinyurl.com/ystkf67o>.

Smart mobility is not possible without a well-maintained road network. Mr Richard Ng,

Deputy Director of Highways, shared with the audience how his department used geospatial technologies to help maintain Hong Kong's road network at the highest quality.

Smart mobility is always a key consideration for smart city developers. Mr Season Chan, Senior Engineer, Smart Mobility Division, Transport Department, showed how his department used geospatial intelligence to drive smart mobility in Hong Kong.

Smart mobility also extends upwards. Mr MH Hiu, Assistant Director-General (Air Traffic Engineering Services), Civil Aviation Department, explained the use of GIS to help devise an accurate airport height restriction plan (AHRP) in Hong Kong while balancing between the needs of developers and flight safety.

From sky to space, Prof Ding Xiao-li, Director, Research Institute for Land and Space and Chair Professor of Geomatics, Department of Land Surveying and Geo-Informatics, PolyU, illustrated how he used SAR satellite images to monitor the subsidence of the Hong Kong International Airport including its runways.

It is always necessary to strike a balance between smart green initiatives and smart mobility. Thus, Mr CK Lee, Principal Environmental Protection Officer (Assessment & Noise) of the Government's Environmental Protection Department, demonstrated how to assess, model, and visualise traffic noise using web GIS.

Sr Edmond Lam, Senior Manager, STP Platform of the Hong Kong Science and Technology Parks Corporation, described how his company used geospatial intelligence to support and enhance its autonomous shuttle bus project within the work premises.

Young people are Hong Kong's future. The LSD was proud to invite an award-winning student, Mr Evan Cheung of HKU's Department of Urban Planning and Design, to share his planning

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study of walkability assessment by taking the microclimate into account using GIS.

At this conference for land surveyors, leading industry experts delivered indispensable insights. Sr Alex Chu, Assistant Director (Survey and Mapping) of the Government's Lands Department, shared an application of its latest 3D Digital map and pedestrian network to city information modelling for smart cities and mobility. LSD Council member Sr Peter Wong discussed how to use BIM technology for the Cross-Bay Link project.

Exchanges with their overseas counterparts are always important, continuous developments for professionals. Hence, two speakers (Mr Andrew Yap and Mr Gerry Ong) from Singapore and one speaker from Malaysia regaled their Hong Kong counterparts on the latest geospatial technology and smart city developments in their countries.

I convey my sincerest gratitude to all Organising Committee members and helpers for their hard work in making the Conference a great success and my appreciation to all sponsors for their generous financial support. Last, but not least, I express my special thanks to all participants for their continuous support for the events, Organising Committee Chairman Sr CK Lau for his leadership, and all committee members and helpers for their lavish efforts to make a day different.



Photo with supporting organisations' representatives



Representatives from Singapore Institute of Surveyors and Valuers and The Land Surveyors Board Malaysia



Photo with Speakers and Moderator



Photo with Speakers and Moderator



Our young members as the helpers of the Conference



Keynote Speech by Guest of Honour Mr LIU Chun San, JP



Opening Speech by LSD Chairman Sr Paul TSUI



Certificate Presentation