

HKIS ANNUAL CONFERENCE 2019

21 September 2019



Hong Kong



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HKIS Website



Message from Guest-of-Honour



Mr WONG Wai Lun, Michael, JP
Secretary for Development
Development Bureau
The Government of the Hong Kong Special Administrative Region

My heartfelt congratulations to the Hong Kong Institute of Surveyors (HKIS) on the auspicious occasion of its 2019 Annual Conference, which provides a timely platform for construction professionals to share experiences and work on solutions to future challenges.

The Government will continue to invest in infrastructure development to improve people's livelihood and sustain economic growth. To deal with challenges associated with high construction costs and an aging workforce, the Government has been collaborating with the construction industry in actively promoting Construction 2.0. By advocating "Innovation", "Professionalisation" and "Revitalisation", we work hand in hand with the construction industry to promote the use of advance technologies and innovative construction methods to boost productivity, enhance design and construction management, shorten the construction period and improve cost-effectiveness. In this connection, the Government firmly believes that the adoption of digital site management system, Building Information Modelling (BIM) technology and Modular Integrated Construction (MiC), to name a few examples, will bring enormous benefits to the construction industry and to Hong Kong as a whole.

We look to the HKIS and our surveying professionals for your continued support and wise counsel. I wish the conference the enormous success that it so obviously deserves.



Message from the President



Sr Dr LEUNG Tony Ka TungPresident
The Hong Kong Institute of Surveyors

On behalf of the Hong Kong Institute of Surveyors (HKIS), it is my honour to welcome you at the HKIS Annual Conference 2019. It is great to see so many C-suite executives, professionals, specialists, academics as well as government delegates joining us here today to map the way forward for Hong Kong as it is now being transformed into a smart city. The HKIS is most grateful for your support and participation.

Today, a group of heavyweight guest speakers from across the industry have gathered to share their expertise on this conference's theme – "Innovation: Revitalising Construction". The broader real estate and construction sector is now undertaking a digital transformation that promotes cross-sectoral collaboration and drives efficiency, cost-savings, innovation and safety compliance. A swath of new technologies, from "PropTech" to "ConTech", is changing the way how real estate is managed, traded and built.

Today's conference will examine and encourage the early introduction of smart technologies by framing the current landscape, projecting future trends and spelling out the challenges and opportunities ahead as the industry continues to undergo a digital transformation. Please do not hesitate to share with our speakers your expert views and experiences with the adoption and applications of transformative technologies in your area of practice.

The HKIS is pleased to welcome our reputable Guest of Honour, Mr Michael WONG Wai-lun, JP, Secretary for Development, Development Bureau, HKSARG, to today's conference. The HKIS is also honoured to share the invaluable insights of eight industry leading experts and professionals as our guest speakers today.

Last, but never the least, the HKIS would like to extend our sincere thanks to all participants, honourable guests, speakers, moderators, generous sponsors and supporting organisations for making the conference possible. Special thanks go to the organising committee, led by Chairman, our Vice-President Sr Edwin Tang, for helping to arrange the HKIS Annual Conference 2019. I am confident that today's programme will give everyone a much deeper understanding of not just the opportunities and challenges that lie ahead, but also how we can bring about a digital future.

Sr Dr LEUNG Tony Ka Tung

President (2018-19)
The Hong Kong Institute of Surveyors

Conference Programme

Time	Programme/Topic	Speaker
08:30 - 09:15	Registration	
09:15 – 09:25	Welcome Speech	Sr Dr LEUNG Tony Ka Tung President The Hong Kong Institute of Surveyors
09:25 – 09:40	Opening Keynote Speech by Guest-of-Honour	Mr Michael WONG Wai-lun, JP Secretary for Development Development Bureau The Government of the Hong Kong Special Administrative Region
09:40 - 09:45	Group Photo with Guest-of-Honour	
09:45 – 10:15	Coffee Break	
10:15 – 10:40	PPVC and Mindset Change	Mr Allan G.H. TAN Managing Director United Tec Construction Pte Ltd
10:40 – 11:05	Common Spatial Data Infrastructure and 3D Digital Map for a Smarter Hong Kong	Mr CHAN Chung Ching, Thomas, JP Director of Lands Lands Department The Government of the Hong Kong Special Administrative Region
11:05 – 11:30	Building Design for Safe External Maintenance	Mr YU Tak Cheung, JP Deputy Director of Buildings Buildings Department The Government of the Hong Kong Special Administrative Region
11:30 – 11:40	Q & A Session	Moderator: Sr TSE Chi Kin, Kenny Chairman, Building Surveying Division The Hong Kong Institute of Surveyors
11:40 – 11:45	Souvenir Presentation to Speakers and Moderator by Sr Edwin TANG	
11:45 – 11:50	Souvenir Presentation to Sponsors by Sr Dr LEUNG Tony Ka Tung	
11:50 – 13:20	Lunch	

Time	Programme/Topic	Speaker
13:20 – 13:45	From Myth to Reality: Decode Construction Cost in Hong Kong	Sr Dr Stephen LAI Yuk Fai, JP Managing Director Rider Levett Bucknall Limited
13:45 – 14:10	Communicating Project Status and Risk	Dr Alexia NALEWAIK Professor American University
14:10 – 14:35	Cost Management and Project Governance for Public Works Projects	Ir KWONG Ka Sing, John Principal Government Engineer Development Bureau The Government of the Hong Kong Special Administrative Region
14:35 – 14:45	Q & A Session	Moderator: Sr Steven TANG Chairman, Divisional Education Committee Quantity Surveying Division The Hong Kong Institute of Surveyors Executive Director, Arcadis Hong Kong
14:45 – 14:50	Souvenir Presentation to Speakers and Moderator by Sr Edwin TANG	
14:50 – 15:20	Coffee Break	
15:20 – 15:45	Smart and Innovation in Building, Case Study in One Taikoo Place	Mr Raymond KWOK Project Manager Swire Properties Limited
15:45 – 16:10	GIS Technology for Digital Construction	Sr Paul TSUI Managing Director Esri China (Hong Kong) Limited
16:10 – 16:20	Q & A Session	Moderator: Sr Dr LAM Lik Shan, Lesly Chairman, Land Surveying Division The Hong Kong Institute of Surveyors
16:20 – 16:25	Souvenir Presentation to Speakers and Moderator by Sr Edwin TANG	
16:25 – 16:30	Closing Remarks	Sr Edwin TANG Chairman Annual Conference Organising Committee Vice-President The Hong Kong Institute of Surveyors
16:30	End of Conference	

Speakers Information





Mr Allan G. H. TAN
Managing Director
United Tec Construction Pte Ltd

- Allan has worked for 37 years in construction field; participated in projects across Asia including UK and Africa in his earlier career. Allan has attained an enormous insight into Singapore built environment industry working in projects delivery to industry highest working levels engaging with Developer, BCA/Regulators and Consultant Leaders in spearheading construction innovation and technology.
- In Singapore nascent stage of PPVC Innovation and Technology he pioneered steel and concrete PPVC system; follow through by partnering with BCA and Consultants in pushing for PPVC nationwide adoption and successful acceptance of its applications in projects. Over the last 5 years Allan has successfully implemented PPVC in residential, hotel and healthcare projects culminating in the World tallest (40-storey) PPVC residential project 'The Clement Canopy'.
- In 2018 Allan had set-out his own company United Tech Pte Ltd as the company name implies to continue his guest to consolidate the PPVC productivity and improved outcome in the field construction.

ABSTRACT

PPVC and Mindset Change

Over the last 5 years Singapore has moved rapidly towards PPVC form of construction as part of Construction Industry Transformation. It started with modest scale projects using different PPVC systems and since we completed significant number of sizeable residential projects using RC PPVC.

PPVC is a game changing technology that has affected project design, procurement, and construction processes. It has challenged and changed all participants' mindset along the project-construction chain. In the Design/Procurement stage, collaboration between Contractor-Consultants-Client(3C) level to adopt more buildable design for PPVC has become a standard prerequisite. At construction level, the shift of numerous work activities to factory-based requires production managers, tradesman and subcontractors to adopt different skillset to produce PPVC in factory production line environment. Most of all PPVC demand 3D awareness to meet accuracy and quality requirements.

This paper shares this Speaker's lengthy insights of implementing PPVC projects over the years. He will be emphasising on the challenges of industry and the change of people's mindset required to realise the PPVC potential.



Mr CHAN Chung Ching, Thomas, JP
Director of Lands
Lands Department
The Government of the Hong Kong Special Administrative Region

Thomas Chan has been the Director of Lands since 1 July 2017. The Lands Department is responsible for land administration, management, surveying and mapping in Hong Kong. The Department is a key partner in taking forward the Government's initiative to develop a Common Spatial Data Infrastructure by 2022 as part of the supporting framework to build Hong Kong into a world-class Smart City. Thomas Chan joined the Government in 1991 as a generalist administrative officer and has served in various bureaux and departments covering a wide range of public policy areas including planning and land, health, civil service management and district administration. He also served as the Deputy Representative of the Hong Kong SAR to the World Trade Organization in Geneva, Switzerland from 2001 to 2006.

ABSTRACT

Common Spatial Data Infrastructure and 3D Digital Map for a Smarter Hong Kong

Spatial data play an essential role in driving Hong Kong's development as a Smart City. Better spatial data management holds enormous potential and opportunities in various fields which can accelerate the innovation, productivity growth as well as the competitiveness in the data-driven economy. The Hong Kong Smart City Blueprint announced by the Government of the Hong Kong Special Administrative Region in late 2017 puts forward the strategy to promote Common Spatial Data Infrastructure (CSDI) as a necessary infrastructure to facilitate the sharing of spatial data, upgrade its base map to a full-fledge 3D Digital Map to support various government services and business applications using smart technologies, and adopt Building Information Modelling (BIM) to enhance efficiency from design and construction to operation and maintenance of its highly-compact built environment. In the 2019-20 Budget Speech, \$300 million funding had been earmarked to expedite the development of CSDI and high-quality 3D digital maps of whole territory by the end of 2022 and 2023 respectively. The CSDI will be put into full operation and it is expected that the 3D Digital Map as well as BIM technologies will be in tandem holistically.



Mr YU Tak Cheung, JP

Deputy Director of Buildings

Buildings Department

The Government of the Hong Kong Special Administrative Region

Mr YU is a professional building surveyor and a member of the Royal Institution of Chartered Surveyors and the Hong Kong Institute of Surveyors. He has been working in the government for over 30 years, mainly in the administration of the Buildings Ordinance on the control of new private building developments and existing private buildings.

ABSTRACT

Building Design for Safe External Maintenance

In December 2016, the Buildings Department ("BD") issued a circular letter to promulgate design guidelines for access and safety provisions for maintenance and repair ("M&R") of external air conditioners at height. Subsequently, BD set up a working group ("WG") comprising representatives of professional institutions, stakeholder organisations and relevant government departments, in 2017 to formulate criteria for providing practical and safe access as well as facilities in building design to enhance workers' safety for the M&R works of external features. Taking into consideration of the WG's recommendations, BD has, in consultation with the industry, prepared a "Draft Code of Practice on Design for Safety – External Maintenance" to enhance the design of new buildings for workers' safety. The Deputy Director of Buildings would take this opportunity to share BD's latest development on this subject.





Sr Dr Stephen LAI Yuk Fai, JP
Managing Director
Rider Levett Bucknall Limited

Mr Lai was the President of the Hong Kong Institute of Surveyors (2013).

He is currently the Chairman of the Mainland Affairs Committee of the Hong Kong Institute of Surveyors; a Council Member and the Chairperson of Committee on Construction Procurement of Construction Industry Council; a Director of the China Engineering Cost Association (CECA) and a Consultant of the Shenzhen Construction Costs Management Department (SZCECMD). Mr Lai was the Past Chairman of the Quantity Surveying Division of the Hong Kong Institute of Surveyors (2008-2009). He was also the Past Chairman of the Junior Organisation of the Royal Institution of Chartered Surveyors (Hong Kong Branch) and the Hong Kong Institute of Surveyors (1994 – 1995).

Mr Lai graduated in the United Kingdom in 1984 and qualified as a Chartered Quantity Surveyor in 1987. He joined Rider Levett Bucknall in March 1989, and is currently the Managing Director of the company. He has extensive knowledge and experience in all aspects of quantity surveying and project management for a wide variety of projects in Hong Kong, the Mainland of China, United Kingdom, Singapore, Korea, Vietnam, Cambodia, Africa and the Middle East.

Mr Lai set up the first few offices for RLB in China in 1994. He also set up the Korea and Oman Offices in 2004 and 2008 respectively.

ABSTRACT

From Myth to Reality: Decode Construction Cost in Hong Kong

The property price in Hong Kong keeps breaking its own record for reaching a historical high level. It has become a myth in people's mind that such price level will never fall. As one of the main factors that affects the property price, construction cost has attracted increasing attention in recent years. The first part of this speech will focus on decoding the major drivers of construction cost, including the effects of labour, material, site constraints, government policies, etc.

Apart from those well-known factors as mentioned above, HK construction market still faces several challenges and uncertainties, from both external and internal aspects such as the trade war between US and China, the dispute of Hong Kong extradition bill, etc. To stay competitive, it's imperative for the industry to improve the efficiency of construction work through developing and using new technologies. The speech will also elaborate on such issues' impacts on construction cost.



Dr Alexia NALEWAIKProfessor
American University

Alexia Nalewaik is the current President of the professional institution AACE International, past Chair of the International Cost Engineering Council, and past member of the Governing Council of RICS Americas. She has over 25 years of experience in project controls, specializing in audit, systemic risk, estimating, project analytics, and governance. She is a sole practitioner, having started her own firm in 2009. Alexia holds a bachelor's degree in physics, a master's degree in structural engineering, and a PhD in project management. She has written two books, on project audit and project reporting. She is a Fellow of RICS, AACE International, ICEC, and the Guild of Project Controls.

ABSTRACT

Communicating Project Status and Risk

Communication is a vital part of project management, and reports are a preferred mechanism for transmitting information to an intended internal or external audience. Reports are also part of the system of control and governance on projects, used to provide assurance, bring attention to issues, and prompt action to improve project outcomes. Methods of combining and presenting project information (such as format, complexity, language, content, and timing) are heavily influenced by the risk tolerance and composition of the stakeholder audience.

What does a project report look like? It depends. There are many different kinds of project reports, and the number of choices can be baffling to a project team that is tasked with simplifying mountains of data to communicate project status, risks, and results to various audiences. Different stakeholders have different information needs, perspectives, and objectives, and thus they have different expectations of reports, while at the same time wanting the unadulterated facts.

This presentation will discuss the content and format of project reports, and provide guidelines in the context of available data sources, stakeholder and management needs, and obstacles to reporting.



Ir KWONG Ka Sing, John
Principal Government Engineer
Development Bureau
The Government of the Hong Kong Special Administrative Region

Ir John Kwong was appointed Principal Government Engineer in July 2019 to lead the work of the Project Strategy and Governance Office (PSGO). PSGO is a multi-disciplinary office for implementing strategic initiatives and enhancing capabilities in project governance and cost surveillance to improve the performance of public works projects. PSGO also promotes strategies for better cost-effectiveness and uplifting capability for the construction industry.

Ir Kwong is a civil engineer by training. He graduated from the University of Hong Kong in 1987 and obtained several postgraduate degrees in engineering and laws. He was the Contract Advisor of the Drainage Services Department, looking after procurement and contractual matters on works contracts. He joined the Commerce and Economic Development Bureau later to take forward the Kai Tak Cruise Terminal project as well as other tourism projects. He was the Chief Assistant Secretary (Works) of the Development Bureau responsible for overseeing the implementation of the Capital Works Programme. He became the Head of Project Cost Management Office responsible for management cost for public works projects before his appointment to the present position.

ABSTRACT

Cost Management and Project Governance for Public Works Projects

The Government is implementing development programme to enhance people's living environment and to sustain Hong Kong's long term competitiveness. In the next few years, the annual capital works investment is expected to rise to over \$100 billion and the annual total construction output will increase to over \$300 billion. In addition to this substantial workload, we are facing the challenges of extremely high construction cost and fast ageing construction work force. Moreover, there have been rising aspirations from the general public for better performance of public works projects in recent years. We need to tackle these challenges to ensure satisfactory delivery of public works projects for the community.

Project Strategy and Governance Office is a dedicated office established to devise and promote relevant strategies to uplifting the construction industry's delivery capacity, improving the overall productivity as well as enhancing cost management and project governance in a holistic manner. Multi-pronged measures in different dimensions have been promulgated to achieve better cost management and governance of the public works projects.



Mr Raymond KWOKProject Manager

Swire Properties Limited

Raymond Kwok was trained as Mechanical Engineer and focused in HVAC and advanced engineering design after his graduation from the Hong Kong University of Science and Technology. He achieved Hong Kong professional engineer qualification in Mechanical Engineering division since year 2002. Currently, he is a project manager in Swire Properties Limited. Throughout his career, He involved in many privileged projects such as MTR Tseung Kwan O Extension, KCRC West Rail Line, One Island East, City Plaza East Hotel, Opus Hong Kong, etc.

Raymond participated and acted as Project Manager in TaiKoo Place redevelopment project Phase 2A (well known as One TaiKoo Place) since planning stage. He liaised with Architect, Designer, Structure Engineer, MEP Engineer, Quantity Surveyor, Sustainability Consultant for the whole project development design. Raymond also manages all aspects of this development project including construction and contract administration. Now, One TaiKoo Place has been positioned as a best in class, green and sustainable, well-beings building from demolition, design, construction to operation.

Raymond also played actively in smart building/innovative construction area. He is a key member of smart building task force and BIM application task force in Swire Properties Limited.

ABSTRACT

Smart and Innovation in Building, Case Study in One TaiKoo Place

One Taikoo Place (OTP) is a milestone project of Swire Properties. OTP is a Grade AAA office development in Quarry Bay with excellent views of Harbour and the Central. It has floor plate of about 2000sm with 47 storeys and provides a central Taikoo Square serving for all tower inside Taikoo place campus with extensive landscape.

OTP has been designed and constructed with sustainability, well-beings and smart technologies throughout the whole building lifecycle. With integrated design approach, OTP adopts many innovative initiatives to reduce climate change impacts and optimise resource efficiency. It has achieved Platinum pre-certification in LEED®, BEAM Plus and WELL®.

Besides innovation in design, advanced construction technologies were also applied to OTP during its construction which not only enhanced construction productivity & safety but also the building quality. We also consider that building operation is one of key element in the whole building lifecycle. With merit of integrated design approach, we also extended BIM application into building operation and introduced Internet of things (IOT) and Artificial Intelligent (AI) technologies in OTP to enhance building operation.

We believe that OTP become a new example of the sustainable, well-beings and smart commercial building in Hong Kong.



Sr Paul TSUIManaging Director
Esri China (Hong Kong) Limited

Sr Paul Tsui is the Managing Director of Esri China (Hong Kong) Limited. Esri is the world leader of Geographic Information Systems (GIS) and mapping software. Prior to joining Esri, he worked in Ordnance Survey, the national mapping agency of the United Kingdom. Paul is Vice Chairman, Land Surveying Division of the Hong Kong Institute of Surveyors and a Member of the Royal Institution of Chartered Surveyors. Paul is also a Registered Professional Surveyor (Land Surveying) in Hong Kong. He has been appointed as the Chairman of the Department of Geography Advisory Committee of Hong Kong Baptist University since 2013. In the academic and research aspect, Paul is the author and co-author of many GIS research papers published in authoritative international refereed journals and conference proceedings. He also won the 1998 Best Paper Award held by the International Association of Chinese Professionals in Geographic Information Science (CPGIS). Paul holds a degree of Master of Philosophy in GIS.

ABSTRACT

GIS Technology for Digital Construction

The built environment is ever changing and the architecture, engineering and construction (AEC) industry is expected to contribute more towards a low-carbon economy in a smart city, where resources is limited and infrastructures should be more resilient so as to counteract the effects of environmental changes. To this end, the integration of Geographic Information Systems (GIS) and Building Information Modeling (BIM) has created a new development platform from research to industrial practice for all stakeholders to collaborate in the digital space.

GIS has well-developed capabilities of spatial analysis and geospatial modeling which should be applied at different stages of the entire construction project life cycle. The GIS technology is changing the way we design, plan and construct buildings, how we make evidence-based decisions, how we communicate on a project, and how we maintain the buildings. This is not a trend limited to Hong Kong, since governments and developers in the globe are encouraging construction firms and technology providers to deliver projects in a more efficient, intuitive and resilient way for their residents than ever before.

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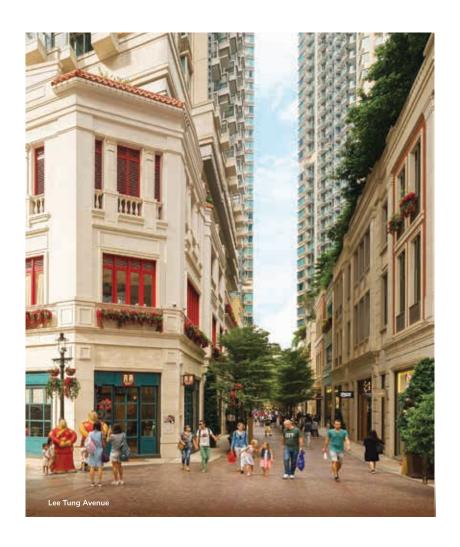






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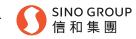
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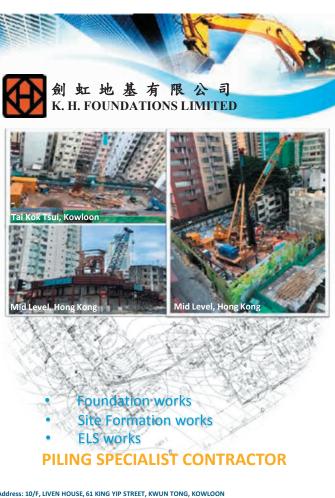
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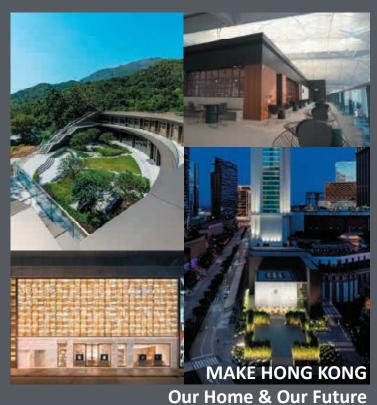


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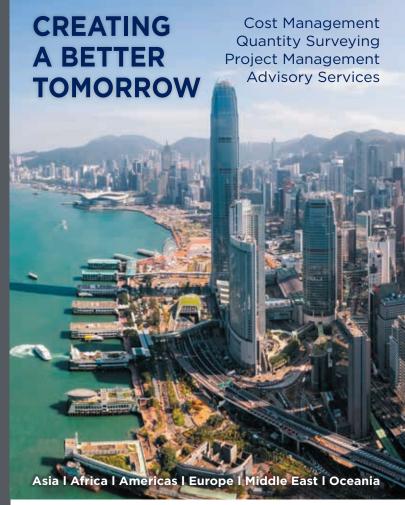


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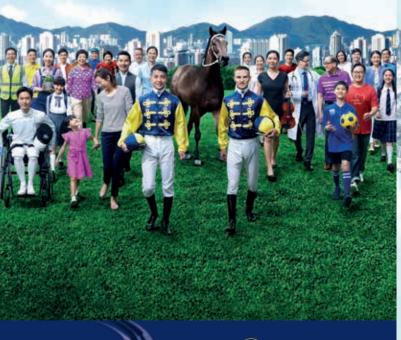
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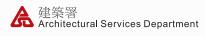


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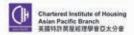


















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Introduction of the HKIS

The Hong Kong Institute of Surveyors ('HKIS' or 'the Institute') was founded in April 1984 and had 85 founder members. The Institute was statutorily incorporated by virtue of the Hong Kong Institute of Surveyors Ordinance in January 1990 (Cap. 1148). In July 1991, the Surveyors Registration Ordinance (Cap. 417) was passed and a Registration Board was set up to administer the registration of surveyors.

The Hong Kong Institute of Surveyors is the only professional organisation representing the surveying profession in Hong Kong. The HKIS work includes setting standards for professional services and performance, establishing codes of ethics, determining requirements for admission as professional surveyors, and encouraging members to upgrade skills through continuing professional development.

HKIS has an important consultative role in government policy making and on issues affecting the profession. We have advised the government on issues such as unauthorised building works, building safety campaign, problems of property management, town planning and development strategies, construction quality and housing problems. We are working on amendments to standard forms of building contract and have issued guidance notes on floor area measurement methods.

The HKIS membership has now grown to over 10,000. As of 7 August 2019, the number of members reached 10,561, including 6,921 Corporate Members consisting Fellows and Members – distinguished by the initials FHKIS and MHKIS; 76 Associate Members – distinguished by the initials AMHKIS; and 3,564 probationers and student members.

To qualify as a corporate member of the Institute, surveyors must possess a recognised academic qualification; complete supervised professional training within strict guidelines for a minimum period of 24 months, followed by an Assessment of Professional Competence (APC).

The title "Surveyor" embraces a number of disciplines involved with land and its development with land and buildings, covering an extremely wide scope. Some surveyors work in private practices and others may work for a landowner, developer, building contractor or government departments and related bodies.

The Institute consists of six divisions and one Young Surveyors Group:

- Building Surveying Division
- General Practice Division
- Land Surveying Division
- Planning and Development Division
- Property and Facility Management Division
- Quantity Surveying Division

A land surveyor measures and records the shape and position of the land, defines the boundary and sets out the legal boundaries of the sites. A general practice surveyor advises on the best use of the land, assesses the feasibility and viability of the proposed development project as well as the valuation, marketing, sale, leasing and management of completed developments. A planning and development surveyor further advises on the possible change of zoning, the likely environmental impacts and makes suggestions on preliminary development contents. A quantity surveyor is concerned with the building contractual arrangements and cost control, and will evaluate the likely cost of the development project and advise on the most suitable kind of contract for the project. A building surveyor is involved in the project management

of building development proposal, holistic maintenance management of building and overall control of private buildings under relevant legislation. A **property and facility management surveyor** provides a comprehensive range of services in real estate management.

The Institute has established and continues to expand its presence in the international scene through participation in various international platforms as well as reciprocity relationships with other national surveying bodies and through membership in relevant world bodies and international organisations to maintain its professional edge at international level. The Institute is one of the three founding members, apart from the Singapore Institute of Surveyors and the Institution of Surveyors, Malaysia, of the Surveyors' Alliance Asia which was inaugurated in November 2004.

The Institute has reciprocal agreements with:

- Australian Institute of Quantity Surveyors (AIQS)
- Australian Property Institute (API)
- The Building Surveyor's Institute of Japan (BSIJ)
- Canadian Institute of Quantity Surveyors (CIQS)
- Chartered Institution of Civil Engineering Surveyors (ICES)
- China Association of Engineering Consultants (CAEC)
- China Cost Engineering Association (CCEA)
- China Institute of Real Estate Appraisers (CIREA)
- Royal Institution of Chartered Surveyors (RICS)
- New Zealand Institute of Quantity Surveyors (NZIQS)
- New Zealand Property Institute (NZPI)
- Singapore Institute of Surveyors and Valuers (SISV)

HKIS is a member of the following international organisations:

- International Cost Engineering Council
- International Society for Photogrammetry and Remote Sensing
- International Valuation Standards Council
- Pacific Association of Quantity Surveyors
- World Organisation of Building Officials

The Institute continues to increase its importance and standing both locally and internationally. Through maintaining both a high professional standard of the Institute and the members locally and keeping in pace with the professional levels internationally, the Institute is marching towards another step ahead of the summit.

Organising Committee



CHAIRMAN

Sr Edwin Tang HKIS Vice-President

MEMBERS

Sr Eddy Cheung
Sr Joanmi Li
Building Surveying Division
Sr Alex Tse
General Practice Division
Sr Cliff Tse
General Practice Division
Sr Chan Yue Chun
Land Surveying Division
Sr Lau Chi Kwong
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Sr Calvin Li
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Sr Francis Lau Planning and Development Division
Sr Patrick Leung Property and Facility Management Division

Sr Raymond Kam

Sr Christina Wong

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Sr Sunny Wong

Quantity Surveying Division

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