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Wan Chai infrastructure projects subsidence concerns unfounded

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Wan Chai infrastructure projects subsidence concerns unfounded

Media-inspired worries over subsidence levels at the Wan Chai infrastructure projects are based on selective use of unrepresentative monitoring point figures. Only an assessment of the full monitoring network of target points can reveal whether there is a subsidence problem.

Prudence Lui



Sr Dr Lesly Lam
Chairman of the HKIS' Land Surveying Division



Sr Joseph Wong
Vice-Chairman of the HKIS' Land Surveying Division



Sr Paul Tsui
Vice-Chairman of the HKIS' Land Surveying Division

As one of the most densely populated cities in the world, Hong Kong's project works have become more complicated and challenging. (Photo: Shutterstock)

“In fact, some individual figures can't reflect the full picture. Just these figures do not indicate much the settlement issue for the project...”

When dealing with various land reclamation and infrastructure projects, land surveying plays a pivotal role in monitoring subsidence/settlement to ensure accurate measurements for recording, data collection and analysis, with access to technology. Land subsidence is a common phenomenon, as the majority of Hong Kong's land supply came directly from reclamation over the last few decades.

Recent media reports on settlement/subsidence levels beyond AAA (Alert, Action, Alarm) values at the beleaguered Wan Chai infrastructure projects caused public panic. Some outsiders arbitrarily picked just several individual monitoring point results from internal company documents and reported unacceptable levels of subsidence. According to HKIS Land Surveying Division (LSD) Vice Chairman Sr Joseph Wong, the newspaper cited only a few monitoring points and made them the headline. He said, “In fact, these figures can't reflect the full picture. Just these figures do not indicate much the settlement issue for the project since external factors such as nearby excavation works could trigger the same results. Subsidence is easily observed at urban areas like high-rise buildings in reclaimed land. The structures remain solid and sound as their piles go deep down into rock level. This explains why new projects, particularly infrastructure with works like foundations and excavation, need professional surveyors to conduct the surveys which will indicate where to curb unsafe settlement.

“Currently, project sites are required to set up monitoring points at neighbouring buildings within a radius of 50 metres in order to provide prevention measures for safety and to avoid affecting nearby buildings. For infrastructure projects, we design a monitoring network under AAA levels. Say the loss of surface elevation reaches 5mm, and this represents the Alert level, something needs to be done, depending on project requirements, e.g. increase monitoring frequency; if at Action level it could mean independent monitoring, extra reinforcement measures, extra monitoring points; while Alarm level would denote suspension of the project until the cause of the subsidence is found and remedial action taken.”

LSD Chairman Sr Dr Lesly Lam also pointed out the importance of indicating any downward trend by unveiling records at different intervals, ideally starting from project commencement. He said, “In fact, those media reports just threw out some individual figures without giving details of the whole monitoring system and whether or not figures were certified by a professional land surveyor. My ultimate concern was whether there was any subsidence, as those figures did not show anything. Professional land surveyors and engineers choose and agree on the location and number of monitoring points based on their expertise and techniques. These might include network designs (for example rectangular, or zigzag configurations but not in line and dot shape) and intervals ranging from daily to weekly, monthly or annually.”

“Subsidence is a matter of relative comparison involving points which present stable versus critical points. As a result, a network of target points is set up so we can make comparisons. Data from network is more reliable than just measuring point to point. Also, it's not always the more points, the more accurate the result. It's all about the right locations. We set an optimum number and concentrate mostly on critical locations. This is possible thanks to modern instruments like GPS and electronic total stations, which have developed and evolved to guarantee data accuracy.”

As one of the most densely populated cities in the world, Hong Kong's project works have become more complicated and challenging, e.g. maintaining moving traffic above underground tunnel construction or building works next to congested structures. This means paying a lot more attention because they are more prone to subsidence and need careful handling. Sr Dr Lam offers reassurance that subsidence can be resolved and managed. It's a combination of network design, monitoring system and time intervals between measurements. We have to keep track of abnormal data and act swiftly. For instance, if trends deviate, we can adjust from monthly to bi-weekly and even daily monitoring. Moreover, the appointment of professional surveyors to handle data collection is paramount, and though project contracts note that subsidence surveying is required, they don't specify in detail what needs to be done.

“No matter whether it is a big or a small infrastructure project, Sr Dr Lam strongly suggests the appointment of professional land surveyors and survey team with sufficient manpower to monitor the subsidence issue.”

When interpreting data information, Sr Wong stressed that instead of just looking narrowly at a few spots, all monitoring should be analysed at a macro level via aerial shots or designed monitoring networks. He added, “Surveyors not only assist engineers in setting up the location and distribution of points, but also design monitoring networks in order to achieve accuracy, i.e. use of datum points and deployment of the most suitable instruments for precise results. When designing monitoring networks, we use computer programmes like Geographic Information Systems (GIS) to do pre-analysis to ensure the related method meets pre-set levels of accuracy. In fact, the latest surveying instruments can achieve an accuracy of 1/100 mm (0.01mm). Coupled with the latest unmanned aerial vehicles, we can identify and analyse each settlement point, tracking problems at specific times or project steps.”

GIS is a software platform for visualising, managing and analysing location-related data. This software has been widely used in industry for over a decade, but less so in the area of subsidence. HKIS LSD Vice Chairman Sr Paul Tsui said, “Apart from surveyors being measuring professionals, we feel the need to put all spatial data in GIS to visualise the relationship between subsidence points and the area excavated, in different periods of time and in 2D/3D format. The system is ideally used for large-scale projects like bridges and tunnels. The bigger the data size, the more useful to a project, e.g. MTR’s extensive excavation work in town with lots of monitoring points erected. So far, it is very rare to employ GIS for subsidence in Hong Kong’s infrastructure projects, so we hope to promote its use for the settlement monitoring perspective. Obviously, it would be more appropriate and efficient for government to take the lead on this, since it drives many large-scale infrastructures.

“GIS is part of the university syllabus for land surveying, so it’s part of our expertise. Instead of the perception of professional land surveyors as just collecting spatial data in a timely and accurate way, we’d like our role to evolve into managing and analysing data so that engineers can easily make decisions on assessing the seriousness of settlement and what remedial works need to follow. The

investment in GIS is not costly and there are a range of products to suit different pockets. The latest edition is a cloud-based subscription at a fee of HK\$5,000 per year and traditional desktop software installation is priced at about HK\$20,000.”

Currently, government projects valued at over HK\$500 million require the main contractor/consultant to appoint a professional land surveyor. However, not all of them abide by the rules. Both Sr Wong and Sr Dr Lam are concerned about problems which arise, like unqualified surveyors adopting improper methods or instruments which may play down the accuracy requirement and seriousness of an issue. Sr Wong said, “Based on current various reclamation or infrastructure projects, it is not a must to recruit professional land surveyors and survey team to organise subsidence surveying to ensure professional conduct. Monitoring is a repetitive process; fabrication of data may occur if there is no proper supervision or control. Therefore, the presence of professional land surveyors can certify data and can help to avoid malpractice. I also hope government or related departments mandate the appointment of professional land surveyors and survey team with sufficient manpower for each project so that cross-contract supervision can be used to review the related project’s subsidence level/data.”

No matter whether it is a big or a small infrastructure project, Sr Dr Lam strongly suggests the appointment of professional land surveyors to monitor the subsidence issue. He also cited projects like the Central-Wanchai Bypass project and the Shatin to Central Link MTR project, which was contracted out to several big consultants, despite their being geographically close and related. He said, “Government could play a middleman role and take the initiative to manage the whole subsidence monitoring works, and once it had received the network designs, it could facilitate and coordinate the information for a full picture. Readjustment can be initiated to include the sharing of common points amongst projects. Frankly, we do hope that it becomes a future direction.”

The article is published courtesy of Classified Post.

「單純一些個別量度數字未能反映事實，無法準確判斷土地沉降的原因……」

由灣仔基建工程所引致的地陷疑慮

有傳媒報道了灣仔基建工程的土地沉降幅度後引發公眾疑慮，但一切皆源自一些似是而非的『數目字』。唯有由專業土地測量師聯同工程師全面設計及建立周邊土地沉降監察網絡作整體評估，才能準確判斷土地沉降的因由、幅度、趨勢、實際影響及預防措施。

呂麗娟

在進行基建、填海和土木工程項目時，測量團隊都扮演著關鍵角色，主理各項測量工作之餘，更要負責監察嚴重影響民生土地沉降情況，地陷的出現往往就是基建工程項目內缺乏甚至沒有聘用專業土地測量師，設計及建立完善的周邊土地沉降監察網絡而導致。由專業土地測量師所領導的測量團隊能善用專業知識設計周全的沉降監察網絡，利用高科技進行測量工作，確保測量紀錄、數據收集和分析的準確性。地陷在高樓大廈林立的香港並非罕見現象，尤其是過去數十年的土地供應來源都賴以填海為主。

最近有傳媒報導指由灣仔基建工程所引致的地陷及土地沉降幅度超出預警 (Alert)、行動 (Action) 和警報 (Alarm) 三個級別，簡稱 AAA，有關報道隨即引發公眾恐慌，對樓宇安全的疑慮。更有人士聲稱從一些『消息人士』處得到某些監察數字，從而估計推測地陷幅度的嚴重性。香港測量師學會土地測量組副主席黃耀祖測量師表示，報道只是引述了幾個個別量度數字，但其實，「這些數字未能反映事實的全部，無法準確判斷土地沉降的原因，因為土地沉降可以是由很多外在因素而引致，例如：附近所進行的挖掘工程，在新填海土地上興建高樓大廈等。但注意建築物的樁基是打入岩石層，周邊地陷時結構也可以是堅固無損，而不是出現土地沉降便一定會令樓宇有危險。因此，若基建工程項目有聘用專業土地測量師主理，周邊土地沉降監察網絡覆蓋完善，土地沉降的位置、因由、幅度、趨勢、實際影響便更容易掌握，並及時作出預防措施，地陷便有機會避免。」

「據了解，目前做法應是監察項目周邊 50 米內的建築物，從而採取預防措施，避免影響附近的建築物。根據 AAA 級別，若果能設計及建立完善的周邊土地沉降監察網絡，小如五毫米的沉降幅度也能準確偵測出來，達到第一個 A 的預警級別，便可以及時採取預防措施，增加沉降監察的頻率，密切跟進沉降趨勢。若達到第二個 A 的行動級別，則需要進行重點監察、採取更多改善措施和增加監察點。若達到第三個 A 的警報級別，就要暫停工程，直至找出沉降的原因及採取補救措施。如果這三個 A 做得妥當，理應不會驚動傳媒報導，及令市民產生疑慮。」

土地測量組主席林力山博士測量師指出，分析不同時段的沉降紀錄有助確定土地沉降趨勢。最理想是從項目開展時便進行監察。他說：「事實上，有關的傳媒報道只是引述了一些個別『數目字』，並未能交代整個沉降監察系統的內容，而且這些數字也未知是否經專業土地測量師核實。我最關心的是當中是否能準確判斷土地沉降的因由，土地沉降有相對穩定和趨勢嚴重之分，單靠這些個別數字根本無法得知答案的。土地沉降監察網絡、選點及數目應由專業土地測量師聯同工程師，根據他們的專業知識和技術共同決定，沉降監察應以網絡形式覆蓋，例如：長方型、之字型的結構，而不是點、線結構，以及合理設定測量監察時段，例如：每日、每周、每月或每年。」

「土地沉降是一個相對的概念，由一處斷定是穩定地方，比較有可能發生沉降的地方。因此，專業土地測量師能以專業知識設定沉降監察網絡內的穩定基準點及目標監

察點，以便作出準確比較。以監察網絡形式收集數據，網絡內能發生多重交叉引証的作用，較逐個監察點收集數據會更準確可信。另外，並非越多監察點，結果就會越準確，更重要的是監察點的位置，專業土地測量師便能設立適當數目而又是最合適的監察點。以現時科技如衛星定位技術和電子全站儀，更能確保數據的準確性。」

作為全球人口最稠密城市之一，香港的工程項目難免更複雜艱巨，像確保地面交通不受影響下進行地下隧道工程，或者在高樓大廈林立的市區進行重建工程等，需要額外小心處理地陷問題。林力山博士測量師認為在某程度上地陷是可以盡力預防和控制的，關鍵是要結合周邊土地沉降網絡設計、監察系統和時段。我們要密切留意不正常的數據並迅速採取行動，例如：一旦發現不尋常的沉降趨勢，我們要把每月的監察調整為每兩星期一次，甚至每天一次。此外，務必聘用專業土地測量師去收集數據，否則即使項目合約列明需要進行土地沉降測量，都沒有合適的專業人士能理解具體的監察工作內容。

當分析數據資料時，黃耀祖測量師重申監察工作需以宏觀角度進行，包括透過高位數據收集或沉降監察網絡，而非簡單地監察幾個位置點。他說：「專業測量師不只是協助工程師設立和分佈不同的監察點，還要設計監察網絡作整體評估，從而確保數據的準確性，例如：採用合適的穩定基準點和最適合的儀器。在設計監察網絡時，我們會用地理信息系統等電腦程式去進行事前分析，確保有關方法符合預設的準確度。事實上，最新的測量儀器的精準度已達 1/100 毫米 (0.01 毫米)。配合最新的航拍機，我們可以識別和分析每一個監察點，按指定時間或項目進度跟進問題。」

地理信息系統是一個軟件平台，將數據圖象化，並同時管理和分析在不同地點收集的數據。業界早在 10 多年前已廣泛使用這個系統，但較少應用在土地沉降監察方面。香港測量師學會土地測量組副主席徐開源測量師說：「測量師除了有測量的專業知識外，我們還需要將所有儲存在地理信息系統內的空間數據，以圖象的形式解釋地陷位置和挖掘範圍的關係，當中包括不同時段的及二維 / 三維數據。這個系統最適合應用於像天橋和隧道等大型基建工程項目。數據量越大，分析效益便越大，像港鐵為了進行大量挖掘工程就設立了多個監察點。目前本港其他大型基建工程甚少使用地理信息系統監察土地沉降情況，我們希望推廣此系統應用在監察沉降方面。當然由政府帶頭會更合適和有效率，因為政府是興建大型基建工程的大戶。」

「地理信息系統是大學土地測量課程內容的一部分，也是我們的專業所在。相對一般市民認為土地測量師只是負責收集即時和準確的空間數據，作為專業測量師的工作更擴展至管理和分析數據的領域，這樣工程師可較易評估沉降的嚴重性和決定採取什麼補救措施。投資地理信息系統，豐儉由人，當中有一系列產品可供選擇。最新版本是一個以雲端為主的訂閱計劃，年費港幣五千元，至於安裝傳統的電腦軟件費用則為大約港幣兩萬元。」

目前成本超過港幣五億元的政府基建工程項目，主要承建商及顧問公司需要聘請至少一名專業土地測量師。然而，並非所有政府基建工程項目都遵守這規定。黃耀祖測量師和林力山博士測量師非常憂慮這些基建工程項目聘用不合資格的人士，甚至沒有聘用測量團隊，並以不恰當的方法或儀器進行測量，忽略數據的準確性和問題的嚴重性。黃耀祖測量師說：「目前的填海及基建工程項目並沒有規定必須聘用專業土地測量師進行土地沉降測量。然而，監察是一個不斷重複的過程，若沒有嚴謹的監察或管理，就有可能出現捏造數據的情況，直至地陷出現引發恐慌。而專業土地測量師則可以證明數據的真實性和制止不當行為。我們希望政府或相關部門帶頭強制要求每個項目都要聘用專業土地測量師及有足夠人手的測量團隊主理各項測量工作。」

不論項目的規模大小，林力山博士測量師強烈建議聘用專業土地測量師去監察土地沉降。他以中環灣仔繞道項目為例，與沙中線相鄰，項目由數個大型承建商負責，相關工程所處位置互有關聯。他說：「政府可以充當中間人角色主動參與管理土地沉降工作，在收到各項目的監察網絡設計時，為全盤監察作協調和資料整合，調整不同項目的共同監察點，希望這些建議能得以落實推行。」

本文由《Classified Post》撰文。



配合最新的航拍機，我們可以識別和分析每一個沉降點，按指定時間或項目進度跟進問題。（相片提供：Shutterstock）

「不論工程項目的規模大小，林力山博士測量師要求各基建工程項目內的顧問公司及承建商都務必聘用專業土地測量師及有足夠人手的測量團隊主理各項測量工作，尤其是監察嚴重影響民生的土地沉降問題。」



Sr Dr Tony Ka Tung Leung

Welcome to what should be a very healthy Year of the Pig! I am pleased to kick off this festive month by announcing a series of important invitations, events and new developments, overshadowed of course by the release of the development plan for the Greater Bay Area (GBA). This breathtaking project definitely stole the limelight as it has greater advantages than the Belt and Road Initiative thanks to Hong Kong's strategic position in the GBA plus the added advantage of possessing a similar Chinese culture and language. I personally feel that 2019 will prove a year of great opportunities for the region, and so will focus mainly on activities scheduled for this year.

Fruitful Discussions during Annual Retreat Programme

About 23 members of the General Council (GC) engaged in a free exchange of ideas and views during the half-day retreat programme held in January. In addition to the setting up of the Lantau Tomorrow Vision Task Force headed by Senior Vice-President Sr Winnie Shiu early this year, we called for the creation of a similar body on worrying education-related matters such as the likely shortage of professional surveyors and recent cuts in the student intake into the surveying degree programmes at the Hong Kong Polytechnic University (PolyU), University of Hong Kong (HKU) and the City University of Hong Kong (CityU). I will work hand in hand with the chairman of this new task force to resolve this issue and minimise any impact on future manpower supply. Further dialogue and liaison should definitely be established with the Development Bureau, UGC, VTC, HKU, PolyU, CityU and THEi.

Networking with Media

Our annual media luncheon held at the World Trade Centre on 15 February was a success. The two-hour event hosted more than 50 reporters from newspapers, TV and radio. In my welcoming speech I announced the objectives and key tasks we aim to fulfil in this Council year, in particular the celebration of HKIS's 35th anniversary. This was followed by the introduction of spokesmen for the Council year so that media representatives can more easily address their inquiries to the appropriate spokesman. As usual, the representatives of our six divisions plus the Young Surveyors Group spokesman took turns in outlining their directions and plans for the year.

Gearing up for GBA's Outline Development Plan

This long-awaited development plan announced on 21 February made public an important document guiding the current and future cooperation and development of the GBA. The core cities involved were identified as Hong Kong, Macao, Guangzhou and Shenzhen, and all four will serve as "engines" driving regional development. Initiatives include developing an international innovation and technology hub, expediting infrastructural connectivity and building a globally competitive modern industrial system. Also taking bold steps into the future will be the spatial layout driven by poles and supported by axes and radiating to nearby areas for the integrated development of urban and rural areas. The HKIS welcomes this great news as it sets out a clear path for future success. For the immediate term the plan covers the period from now until 2022, extending to 2035 in the long term. A symposium was held by the governments of Guangdong, Hong Kong and Macao to introduce the contents of the plan and I was honoured to be among the guests learning about this ambitious game plan.

Active Brand Presence of the HKIS

A number of invitations from different stakeholders not only spiced up my social life but also reinforced the

HKIS's brand presence. Apart from spring cocktails organised by professional organisations like the Institute of Certified Public Accountants (15 February), Airport Authority Hong Kong (18 February) and Hong Kong Institute of Architects, I also shared experience and aspirations for the future of the profession with THEi surveying students (13 February). In return, the Belt and Road Forum staged on 25 February further enhanced my knowledge. Internally, it was the BSD Scholarship Presentation cum Eddie Lee Memorial Education Foundation APC Scholarships 2018 presentation ceremony (21 February).

Keep Hong Kong Clean and Green

On 19 February, I met Mr Wong Kam-sing, GBS, JP, Secretary for the Environment, Environment Bureau, who sought support from the HKIS to make Hong Kong better in terms of air quality, waste reduction, energy saving, climate action and nature conservation. At this stage, three aspects — Reducing Waste, Enhancing the Recreation and Education Potential of Country Parks and Saving Energy & Expanding Renewable Energy are identified. For sure, HKIS will plan ahead and reduce waste when organising events in future. Moreover, a public consultation on how to enhance the recreation and education potential of country parks is held and HKIS is invited to respond on or before 15 May. It's hoped that our members could share their views to make Hong Kong more liveable and healthier.

Sr Dr Tony Ka Tung Leung
President

各位會員，豬年快樂！二月份新春佳節氣氛濃厚，我們獲邀出席許多活動，會務上亦有不少更新，另外國務院也在正月公布了大灣區發展規劃綱要。大灣區計劃備受各界關注，與一帶一路倡議比較，相信會為香港帶來更大效益，原因是香港在大灣區佔有重要的戰略地位，同時香港與其他大灣區城市在文化和語言上有一脈相通的優勢。我認為 2019 年是充滿機遇的一年，我們要集中完成今年計劃好的活動。

年度退修會取得豐碩成果

大約 23 名理事會成員在 1 月出席半日退修會，就本會未來發展交換意見。今年年初本會成立明日大嶼願景工作小組，並由高級副會長蕭慧儀測量師擔任主席；本會亦會成立類似的工作小組以處理教

育相關事宜，包括應對專業測量師短缺的問題，以及近年香港理工大學、香港大學和香港城市大學減少測量學學位課程收生名額等情況。我將與這個新設的工作小組主席合作，嘗試解決此問題並減低學額不足對未來業界人手的影響，我們將與發展局、教資會、職訓局、港大、理大、城大和香港高等教育科技學院繼續磋商。

與傳媒建立關係

我們在 2 月 15 日假世貿中心舉行年度傳媒午宴，聚餐活動約兩小時，超過 50 名報館、電視台和電台記者撥冗出席。我在歡迎詞中講述理事會今年的工作主旨和重點計劃，特別提及本會的 35 周年會慶。我們又向傳媒介紹本年度的發言人，以便日後傳媒就不同議題向相關發言人查詢。一如以往，六個專業組別和青年組的發言人逐一向傳媒講述今年的工作方向和計劃。

為大灣區發展規劃綱要做好準備

國務院在 2 月 21 日公布這個萬眾期待的規劃綱要，確立大灣區城市現時和未來的合作和發展。以香港、澳門、廣州和深圳四大中心城市作為區域發展的核心引擎。規劃綱要提到要發展創新和科技事業，加快基礎設施的互聯互通，構建具有國際競爭力的現代產業體系，同時發揮大灣區輻射引領作用，帶動周邊地區加快發展。香港測量師學會支持大灣區發展規劃綱要，相信綱要有助未來區域發展。規劃近期至 2022 年，遠期展望到 2035 年。粵港澳三地政府早前舉辦了一場座談會，介紹規劃內容，我有幸獲邀出席，得悉更多規劃的詳情。

提升本會的品牌實力

我接連收到很多不同機構的邀請函，不但豐富了我的社交生活，更是提升了本會的品牌實力。除了出席一眾專業機構如香港會計師公會（2 月 15 日）、香港機場管理局（2 月 18 日）和香港建築師學會的新春酒會，我在 2 月 13 日也跟香港高等教育科技學院的測量系學生分享經驗和交流。至於出席 2 月 25 日的一帶一路論壇則使我大開眼界。對內活動方面，《建築測量組獎學金》暨《李樹城紀念教育基金獎學金》頒獎典禮亦在 2 月 21 日圓滿舉行。

保持香港市容整潔和支持環保

2 月 19 日，我與環境局局長黃錦星先生，GBS, JP 會面，討論本會在不同層面改善香港整體環境的角色，包括空氣質素、減廢、節約能源、應對氣候變化和自然保育工作這幾方面。現階段我們確立了三個工作範疇，包括減廢、提升郊野公園康樂及教育潛力以及節約能源和增加可再生能源。本會在舉辦活動時將盡量避免不必要的浪費。關於政府舉行公眾諮詢會，討論如何提升郊野公園康樂及教育潛力，環境局邀請本會於 5 月 15 日前提交意見，希望各會員踴躍提出自己見解，就推動香港成為更宜居和更健康城市集思廣益。

會長
梁家棟博士測量師

HKIS 35th Anniversary Celebration Memoirs of the HKIS Past Presidents – Celebrating 35 Years of Excellence 香港測量師學會35周年誌慶 – 歷屆會長回憶錄

The year 2019 marks the 35th anniversary of the service and commitment by The Hong Kong Institute of Surveyors towards the surveying profession and the community. To celebrate this joyous occasion, a new column in the HKIS monthly newsletter - *Surveyors Times*, will be dedicated to the Past Presidents for sharing their precious memories, invaluable insights and significant achievements during their tenure. The articles will be published in the *Surveyors Times*, starting from December 2018 to November 2019.



Sr LAU Ping Cheung, GBS, SBS, JP
Past President (1996/97)

While we are celebrating the 35th anniversary of the establishment of HKIS many may have already forgotten that it was exactly 35 years ago, 1984 when HKIS formally came to existence, that the Sino-British joint declaration was signed, leading to the subsequent promulgation of the Basic Law in 1990 (the same year when HKIS became a statutory body under Chapter 1148 of the Laws of Hong Kong) which provides the basis for the founding of the HKSAR under the late leader Deng Xiaoping's innovative One Country Two Systems concept. This has enabled Hong Kong, and HKIS included of course, to continue our way of life (thus the famous citation 馬照跑，舞照跳) and develop to what we are today.

As the 1996/97 HKIS President my tenure was most eventful and my memory most vivid. I was one of hundreds of guests invited to attend the British "beating the retreat" ceremony in Tamar, Admiralty, in the late hours of 30 June 1997, but only to find the supposedly colorful military band's drumbeat to be fully drowned, both literally & physically, by the overwhelmingly heavy down pour, and all guests and government officials, including the last HK Governor, fully soaked. The most emotional & historical moment came when I joined thousands of other local & international guests at the Grand Hall of the then newly built HK Convention & Exhibition

Centre to witness, at zero hour of 30 June, the Union Jack being descended and to applaud the 5-star national flag being raised to the tune of the national anthem, signaling the return of HK sovereignty to Mainland China for good under the watchful eyes of hundreds of international media.

Some may not know, but oldies like myself may still recall that, due to historical reason, HKIS together with the then RICS (HK Branch) were, for more than a decade, governed by exactly the same council, that is, one council two institutes (一套班子，兩個學會). Like many other HKIS Presidents before me, wearing two hats as both HKIS President and RICS (HK Branch) Chairman was no easy task, often finding myself suffering from schizophrenia (豬八戒照鏡，兩面不是人，精神分裂). Fortunately, such conflicting and undesirable situation was quick to be rid of after RICS UK voluntarily dissolved the then RICS (HK Branch).

Against the backdrop of the 1984 Sino-British joint declaration and as a young surveyor, I was first assigned to Beijing in that same year to work on a construction project for a major new development, but little did I know that I was actually helping to build what subsequently would become the core of the first CBD in Beijing, the Chaoyang District 北京 朝陽區, where most foreign embassies are located and where many Hong Kongers these days would frequent in the Sanlitun 三里屯 area. Ever since then, I have been involved with developments in various parts on the Mainland, including Beijing & Shanghai in the first tier cities, Shenyang & Dalian in the north, Chongqing & Chengdu in mid-west, Guangzhou & Shenzhen in the south, just to name a few.

Last year 2018, China celebrated the 40th anniversary of Reform & Opening-up policy first initiated in 1978 when she was then one of the poorest countries in the world. Forty years on, the world is awe-struck to witness the nation expand its economy more than 240 times from Rmb 368 billions GDP in 1978 to about Rmb 90 trillion (or US \$13.4 trillions) GDP in 2018, and





10 November 2018: Shenzhen Reform and Opening-up Exhibition Hall and Qianhai Stone Park



As part of the celebration of the success of the nation's 40 years of Reform & Opening-up, I joined the 160 strong HK delegates led by the HKSAR Chief Executive to visit Shenzhen & Beijing in November 2018 when we together with the Macau delegation were received by Central Government leaders in the Great Hall of the People in Beijing on 12 November (see attached photo) when President Xi, not only highly commended the contributions made by HK & Macau as a whole, but also hailed a few individuals for their sterling services towards Mainland's successful transformation including naming HKIS Past President the Hon CY Leung as "master teaching apprentices 師傅帶徒弟" and for helping to tender out Mainland's first land sale ever. As surveyors we stand to share the pride and benefit from the harvest, but more profoundly we should be grateful to all avant-garde surveyors who had the vision, guts & dedication to wade into uncharted waters in those backward & difficult era and to have laid a robust foundation for the whole surveying profession on the Mainland without which we would not have been able to reach what we are today.

per capita GDP growth from about US\$58 to some US\$ 9500 during the same period. Our nation now accounts for some 19% of the total global economic activities when it was only 7% at the turn of the century and is at the second place on the league table of the world's largest economies. As a major propeller for global trade & economic growth, China now imports about half of the world's steel, iron, cement, coal and pork & one third of its rice, let alone being the largest consumer market for private vehicles, contributing some 34% towards total global economic growth. And by UN standard, some 740 million people have been lifted out of poverty on the Mainland, accounting for some 70% of poverty reduction in the world during the same period. Such phenomenal growth and vast transformation in a short 4 decades have never ever been matched anywhere else in world nor ever in human history, thanks to Central Government's persistent effort towards its continual Reform and Opening-up policy. However, young members today would never believe if I tell them it was no "no brainer" in 1984 to get hold of a concrete batching plant in the capital city Beijing, let alone that all restaurants would be closed after 6:00 pm in the evening under the then planned economy.

Looking forward, with Central Government's vow to further her opening-up policy I call on all surveyors to follow the footsteps of the old soldiers before us to continue contributing our knowhow and share our experience & resources with the Mainland, particularly in deepening and fine tuning her reform to align with international standards and practices, to play our due roles in the Guangdong-HK-Macau Bay Area and under the One Belt One Road initiative where opportunities are plentiful and where we stand to benefit as we have done in the past.

Vanguard surveyors like former HKIS presidents the Hon CY Leung, Mr FY Kan etc were quick to respond to the calling of history in the early years of Reform & Opening-up when they took the initiative and made their first foray into Mainland China, not to pitch for business, but to preach for free the western concept of land economy and private housing systems which were never ever heard of before then, let alone being attacked by some extremely left ideologists as "foreign settlements or concessions 外國租界" or even "re-colonisation 再殖民化". What then followed was history as their voluntary contribution & tireless efforts of such preaching pay off handsomely for the surveying profession as a whole, and in fact for many other professions too, when nowadays the Mainland market accounts for a substantial part of many surveyor consultancy firms' business and for individual members' career too.



11 November 2018: The Palace Museum



12 November 2018: Great Hall of the People

2019 年度的会费缴纳

2019 年度的会费缴纳工作即将开始，从 3 月下旬起，香港测量师学会将陆续向会员的个人邮箱发送电子版的缴费通知单和内地会员汇款方式信息，请各位内地会员在收到缴费通知单后按照规定时间安排汇款。所有内地会员将统一汇款至北京代表处的对公账户。北京代表处交通银行的对公账户为境内人民币账户，所以请各位会员在汇款时将账单港币金额换算成人民币金额汇款即可。会员在汇款时请务必按要求备注会员号和会员姓名，汇款后将汇款凭证的扫描件和缴费通知单一并发送至邮箱 info-bjo@hkis.org.hk

北京新闻

粤港澳，向国际一流湾区迈进

来源：人民日报

粤港澳大湾区不仅是我国开放程度最高、经济活力最强的区域之一，在国际坐标系上的经济地位也举足轻重。

《粤港澳大湾区发展规划纲要》明确，粤港澳大湾区建设的首要任务是打造具有全球影响力的国际科技创新中心。建好大湾区，关键在创新。必须在「一国两制」方针和基本法框架内，发挥粤港澳综合优势，创新体制机制，促进要素流通，闯出一条新路来。

日前，《粤港澳大湾区发展规划纲要》（以下简称《规划纲要》）对外公布，明确提出粤港澳大湾区的五大战略定位：充满活力的世界级城市群；具有全球影响力的国际科技创新中心；「一带一路」建设的重要支撑；内地与港澳深度合作示范区；宜居宜业宜游的优质生活圈。

《规划纲要》的出台有何重大意义，大湾区将迎来怎样的发展机遇？

国际一流湾区是引领全球科技创新的重要增长极，大湾区明确“两步走”目标

粤港澳大湾区，包括香港特别行政区、澳门特别行政区和广东省广州市、深圳市、珠海市、佛山市、惠州市、东莞市、中山市、江门市、肇庆市。这片城市群不仅是我国开

放程度最高、经济活力最强的区域之一，在国际坐标系上的经济地位也举足轻重。2018 年，粤港澳大湾区的经济总量达到 1.6 万亿美元，体量相当于世界第十一大经济体韩国。这片人口约 7,000 万的城市群，总面积 5.6 万平方公里，几乎是纽约湾区、东京湾区以及旧金山湾区这世界三大湾区的面积总和。

“从全球范围看，国际一流湾区在带动全球经济增长、引领全球科技创新和产业变革发展等方面发挥重要作用。”国家发改委宏观经济研究院国土开发与地区经济所副研究员张燕表示。成为国际一流湾区，粤港澳大湾区有基础、有条件、有潜力，但发展也面临一些新情况新问题。例如，经济活动频繁，但市场互联互通水平有待进一步提升。又如，区域差别明显，发展协同性、包容性有待加强。

为此，《规划纲要》为粤港澳大湾区发展明确了「两步走」目标：到 2022 年，粤港澳大湾区综合实力显著增强，粤港澳合作更加深入广泛，区域内发展动力进一步提升，发展活力充沛、创新能力突出、产业结构优化、要素流动顺畅、生态环境优美的国际一流湾区和世界级城市群框架基本形成。

到 2035 年，粤港澳大湾区形成以创新为主要支撑的经济体系和发展模式，经济实力、科技实力大幅跃升，国际竞争力、影响力进一步增强；大湾区内市场高水平互联互通基本实现，各类资源要素高效便捷流动；区域发展协调性显著增强，对周边地区的引领带动能力进一步提升；人民生活更加富裕；社会文明程度达到新高度，文化软实力显著增强，中华文化影响更加广泛深入，多元文化进一步交流融合；资源节约集约利用水平显著提高，生态环境得到有效保护，宜居宜业宜游的国际一流湾区全面建成。

「推动粤港澳大湾区建设，就是要顺应全球发展大势，对标国际一流湾区建设发展，通过深化合作、创新发展，促进粤港澳三地取长补短、优势互补，持续提升粤港澳大湾区的整体国际竞争力，从而在新一轮世界经济深度调整、全球科技革命和产业变革中，代表中国更加积极主动地参与全球合作竞争，更高水平地融入全球经济体系，也为推动全球经济创新发展积极贡献力量。」张燕说。

大湾区四大中心城市定位不同，打造具有全球影响力的国际科技创新中心

粤港澳大湾区辐射的城市众多，具有国际影响力的大城市也不少，谁是核心引擎呢？

《规划纲要》指出，以香港、澳门、广州、深圳四大中心城市作为区域发展的核心引擎，并明确了四个中心城市的不同定位。

香港——巩固和提升国际金融、航运、贸易中心和国际航空枢纽地位，强化全球离岸人民币业务枢纽地位、国际资产管理中心及风险管理中心功能，建设亚太区国际法律及争议解决服务中心，打造更具竞争力的国际大都会。

澳门——建设世界旅游休闲中心、中国与葡语国家商贸合作服务平台，打造以中华文化为主流、多元文化共存的交流合作基地。

广州——全面增强国际商贸中心、综合交通枢纽功能，培育提升科技教育文化中心功能，着力建设国际大都市。

深圳——加快建成现代化国际化城市，努力成为具有世界影响力的创新创意之都。

战略定位、发展目标和空间布局明确了，粤港澳大湾区建设的首要任务是什么？《规划纲要》明确，打造具有全球影响力的国际科技创新中心。

「这充分考虑到了粤港澳三地在科技创新、产业发展、全球资源配置等方面的有利条件和能力，是中央赋予大湾区新时代发展的重大新使命，是打造国际一流湾区的重要支撑。」张燕说，大湾区建设，能够更好地推动香港、澳门融入国家创新体系，有利于更好利用香港、澳门的科技发展、服务经济和对外开放条件，积极吸引和对接汇聚全球创新资源，有利于促进发挥广东的产业集群与创新优势，持续推动产业创新升级，“通过粤港澳三地深度合作，共同推动建设全球科技创新高地和新兴产业重要策源地。”

2016年，上海、北京相继获批建设成为科技创新中心。那么与北京、上海相比，大湾区的使命有何不同？

张燕分析，北京、上海和粤港澳大湾区在科技创新中心建设方面各有侧重。例如，北京重在发挥科教和研发资源优势，提升原始创新能力；上海重在发挥总部经济和综合创新优势，提升在全球创新发展上的影响力；大湾区则要充分发挥粤港澳三地各自创新优势和产业体系完备条件，更加突出增强创新协同力和科技创新成果转化应用。

建好大湾区，关键在创新，将积极推动六项工作

规划蓝图已经展开，从哪里破局？建好大湾区，关键在创新。

国家发改委有关负责人表示，大湾区是在一个国家、两种制度、三个关税区、三种货币的条件下建设的，没有国际经验可以借鉴。因此必须在“一国两制”方针和基本法框架内，发挥粤港澳综合优势，创新体制机制，促进要素流通，闯出一条新路来。

新路在哪里？新路在脚下。去年，随著港珠澳大桥、广深港高铁正式开通，粤港澳大湾区规划建设迈出实质性步伐。广东省在科研经费跨境使用、取消办理就业许可证、实施港澳居民居住证政策等方面也取得突破。

目前，中央财政资金通过科技计划项目资助形式拨付过境香港、澳门使用，粤澳合作发展基金启动运营，「一地两检」通关政策落地，莲塘/香园围口岸、粤澳新通道等项目正加快建设，大湾区居民的幸福感和获得感不断增强。在张燕看来，大湾区的发展关键在改革创新。「『一国两制』也是大湾区建设最大的优势，只要进一步深化改革创新，逐步破除要素流动的体制机制障碍，充分发挥好粤港澳三地的特色优势，大湾区发展的活力一定会更好迸发出来。」

面对新蓝图、新期盼，国家发改委有关负责人表示，下一步将会同有关部门和粤港澳三地，围绕充分发挥粤港澳综合优势、建设富有活力和国际竞争力的一流湾区，积极推动六项工作：一是积极吸引和对接全球创新资源，打造国际科技创新中心；二是推进基础设施互联互通，强化内地与港澳交通联系，构建高效便捷的现代综合交通运输体系；三是深入推动投资便利化、贸易自由化、人员车辆往来和通关便利化，促进要素流动便捷高效；四是培育国际合作新优势，加快构建与国际接轨的开放型经济新体制；五是加快推进重大平台建设，扩展粤港澳三地经济合作发展空间；六是为港澳同胞特别是青年在内地学习、就业、创业、生活等方面提供更加便利的条件，共建宜居宜业宜游的优质生活圈。

HKIS Views on 2019-2020 Budget

The Financial Secretary, Mr Paul Chan, delivered the 2019-2020 Budget to the Legislative Council on 27 February 2019. Its full text can be viewed and downloaded at the following website:

<https://www.budget.gov.hk/2019/chi/index.html>

In response to the Budget, the HKIS issued a press release on the same day setting out its views and comments on various issues including housing policy, enhancing project cost management, sustainable training of professionals in the construction industry, and smart city development.

Please refer to the link below for more details:

<https://bit.ly/2SHkfC5>

HKIS Media Luncheon

The Institute hosted a media luncheon on 15 February at the World Trade Centre Club, Causeway Bay, which was well-covered by the media. More than 50 reporters attended and met the 2018-2019 HKIS spokespersons. The President shared the Institute's intended direction in 2019 and the spokespersons of the 6 divisions and YSG introduced their expertise and area of focus in the year. Each spokesperson shared his/her professional points of view on topical public and social issues and answered enquiries from the editors and reporters.



Fire Engineering Programmes (Part-Time)

A Professional Pathway Leading to a Recognised Professional Fire Engineer

Master of Science (MSc) in Fire Safety Engineering

BEng (Hons) Fire Engineering



A Locally Accredited Programme

Recognised as Level 5 of the Hong Kong Qualifications Framework, equivalent to the standing of **Local Bachelor's Degrees**

Foundation Degree in Science in Fire Safety Engineering (FDSc)



Unique features

Professional Recognitions

A well-established articulation to become professional engineers and obtain professional recognitions (CEng / MHKIE)

Alumni Networks

Over 1,000 UCLan fire programme graduates successfully completed their studies through CityU SCOPE in the past 10 years

Enrichment of Students' Academic Knowledge

Strengthening students' knowledge and competency in the science of fire engineering

Enhancement of Students' Employability

Meeting the training needs on fire engineering in major disciplines such as Building Services Engineering, Building Engineering, Civil Engineering and Architectural Studies

External Professional Supports

The programmes are supported by The Institution of Fire Engineers (HK Branch) IFE(HK Branch)

Teaching and Learning Supports

Students can access CityU Library, CityU Computing Services Centre and SCOPE Resources Centre with dedicated collections on fire engineering

Financial Supports to Industry Practitioners

A 5% discount on the programme fee offered to all paid-up IFE(HK Branch) Members

First Round Application Deadline:

30 March 2019 (Saturday)

Applications may be considered after the first round deadline subject to the availability of places

Progression Pathway

Satisfies the Academic Requirement for CEng / MHKIE

Enriches knowledge and competency in the science of fire safety engineering

MSc in Fire Safety Engineering
(2-year Part-time mode)

BEng (Hons) Fire Engineering
(2-year / 3-year, Part-time mode)

Satisfies the Academic Requirement for MIFireE

Foundation Degree in Science in Fire Safety Engineering (FDSc)
(2-year, Part-time mode)



Past Visit to a Fire Testing Site



Past Visit to a Local Public Utility



Past Technical Visit to a Multi-used Premise for Creative Industries



3442 5487 [BEng]

3442 7423 [General]

3442 5804 [MSc, FDSc]



team5@scope.edu



www.cityu.edu.hk/ce/fire



清遠市清新區委、三坑鎮委到訪香港測量師學會

清遠市清新區委、三坑鎮委一行五人，由清遠市委統戰部副部長潘汝波帶領，於2月21日到訪學會訪問，由學會前會長兼內地事務委員會主席賴旭輝博士測量師及廣州議會副主席李國華測量師代表出席接待，雙方就清遠市的經濟及行業發展進行交流。會上，清遠市清新區委副書記李伯倫介紹了該區的最新發展概況、清新區三坑鎮委書記溫儉良亦介紹了該鎮的都市農業及自然生態。



1. 清遠市委統戰部副部長潘汝波（左）

深圳市不動產估價協會到訪香港測量師學會

深圳市不動產估價協會一行18人，由會長黃西勤帶領，於2月21日到訪學會進行調研，探討香港估價行業在大灣區中互通融合現狀、存在的困難。學會由會長梁家棟博士測量師及產業測量組理事陳家輝測量師代表出席接待。會上，陳家輝測量師介紹了香港的估價行業執業環境和發展現狀，雙方亦就香港估價行業於大灣區的融合互通交換意見。深圳市不動產估價協會其他參與座談的團員包括副會長侯陽華、理事張勁仁、康玲、聶志勇、及其他評估機構的代表。



2. 深圳市不動產估價協會會長黃西勤（左二）

廣州市番禺區政府到訪香港測量師學會

廣州市番禺區政府一行五人，於2月22日到訪學會進行調研，共同探討番禺區與學會在產業平臺建設、兩地企業服務等方面的合作。番禺區區委書記何汝誠表示，番禺區位於粵港澳大灣區、珠三角地區的中心位置，近年來，加快建設廣州南站地區、廣州國際創新城、萬博商務區和番禺汽車城等廣東省、廣州市重大產業平臺，投資發展前景廣闊。深港高鐵開通後，番禺到香港的交通更加便捷。會上，前會長兼內地事務委員會主席賴旭輝博士測量師及廣州議會副主席李國華測量師介紹了學會六個專業組別於內地工程的參與和專業資格互認的情況。廣州市番禺區政府其他參與座談的團員包括區科技工業商務和信息化局局長李勇、區招商辦副主任黃杏怡等。



3. 廣州市番禺區區委書記何汝誠（左二）和區科技工業商務和信息化局局長李勇（右一）

Applications are now invited for admission during the 2019/20 academic year for both the full-time (normally 1 year) and part-time (normally 2.5 years) taught postgraduate programmes for relevant professionals working in the construction and real estate sector.



MSc/PgD in Construction and Real Estate (CRE)

建築及房地產學 理學碩士學位/深造文憑 (Programme Code 04001)

Programme Structure

- Students pursuing the MSc award can opt for specializing in one of the three study disciplines, i.e. Construction, Planning and Development or Commercial Property

Entrance Requirements

- A Bachelor's degree with Honours; OR
- A Bachelor's degree in a construction or real estate related discipline; OR
- Corporate membership of a relevant professional institution with a substantial content in the construction and real estate sector
- Relevant employment in industry, commerce or public administration is preferred

Professional Recognition *

- The MSc programme is accredited by the Royal Institution of Chartered Surveyors (RICS) as meeting their academic requirements

MSc/PgD in Construction Law and Dispute Resolution (CLDR)

建築法及爭議解決學 理學碩士學位/深造文憑 (Programme Code 04001)

Programme Structure

- Supported by visiting practitioners, including Lawyers, Arbitrators, Mediators, experts from China and senior construction professionals. (A scholarship is provided by Arcadis)

Entrance Requirements

- Bachelor's degree in a construction-related discipline or equivalent (including recognized professional qualifications) plus relevant work experience (preferably at least 2 years); OR
- Qualified Lawyer

Professional Recognition *

- The PgD/MSc programme has full accreditation for membership (AHKIArb) from the Hong Kong Institute of Arbitrators
- Those students who opt to complete the mediation workshop of the programme will be exempted by various professional institutions in Hong Kong and overseas as achievement of approved mediation course leading to membership
- The MSc programme is accredited by the Royal Institution of Chartered Surveyors (RICS) as meeting their academic requirements

MSc/PgD in Project Management (PM)

項目管理 理學碩士學位/深造文憑 (Programme Code 04001)

Programme Structure

- Face-to-face contacts consist of three full-day lectures/workshops for each core subject (normally during weekends, including Saturdays and Sundays)
- Study Guides are provided for core subjects

Entrance Requirements

- Bachelor's degree in relevant disciplines or the equivalent (including recognized professional qualifications); and preferably with 2-year relevant work experience

Professional Recognition *

- The MSc programme is accredited by the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB) in the UK, as well as the Hong Kong Institute of Project Management (HKIPM), as meeting their academic requirements

CRE

Enquiries:
2766 7770 (Ms Lee)
bsgracie@polyu.edu.hk

CLDR

Enquiries:
3400 3819 (Ms Yap)
bsconnie@polyu.edu.hk

PM

Enquiries:
3400 8122 (Ms Wong)
bssywong@polyu.edu.hk

Students must obtain 30 credits (10 subjects or 7 subjects plus a dissertation) for the MSc award and 21 credits (7 subjects) for the PgD award

Programme Flyer

<http://www.bre.polyu.edu.hk/teachingnlearning/teachingnlearning-02.html>

Online Application

<http://www.polyu.edu.hk/study> on or before 30 April 2019 (Tue). Applications after this deadline may be considered only when places are available

*Professional accreditation is subject to regular reviews by the relevant professional bodies



Two subjects of each of the above programmes have been included in the list of reimbursable courses for Continuing Education Fund (CEF) purposes

The Hong Kong Institute of Surveyors

35th Anniversary Cocktail Reception

26 April 2019 (Friday)

Guest of Honour
The Hon Matthew CHEUNG Kin-chung, GBM, GBS, JP
 Chief Secretary for Administration
 The Government of the HKSAR



Venue: Chancellor Room, 4/F, Phase I, Hong Kong Convention and Exhibition Centre, Wanchai, Hong Kong
Time: 6:30pm (Registration and Cocktail) 7:00pm-7:30pm (Ceremony) 7:30pm-8:30pm (Members' Sharing Session)
Registration Fee: HK\$200 **Dress Code:** Business attire **Event Code:** CPD/HKIS/2019050

RESERVATION FORM (For HKIS Members ONLY)

(The deadline for reservation is 4 April 2019)

To: **HKIS 35th Anniversary Cocktail Reception Secretariat – Creative Consulting Group Inc. Ltd**
 Room 1106-8, 11/F, C C Wu Building, 302-308 Hennessy Road, Wanchai, Hong Kong
Attn: Ms Rosy Tsang
E-mail: rosy.tsang@creativegp.com
Fax no.: +852 2372 0490

HKIS 35th Anniversary Cocktail Reception on 26 April 2019 (Please "✓" as appropriate)

I will attend (Seats are limited, reservation is on a first-come-first-served basis)

Member details

Surname: _____ Other names: _____
 Grade of membership: F M AM P S
 Division: BS GP LS PD PFM QS HKIS membership no.: _____
 Contact no.: _____ Email: _____

Payment Methods (please tick the appropriate box)

1. By Cheque

I enclose a cheque/bank draft made payable to "Surveyors Services Limited".
 Cheque no.: _____ Amount HK\$ _____
 Addressed to: **HKIS 35th Anniversary Cocktail Reception Secretariat – Creative Consulting Group Inc. Limited**
 Room 1106-08, C C Wu Building, 302-08 Hennessy Road, Wanchai, Hong Kong
 Attn: Ms Rosy Tsang

2. By Credit Card

Please charge my HKIS & Shanghai Commercial Bank Limited Co-brand Credit Card (Master Card/Visa Card)
 Please charge my HKIS American Express Credit Card
 Payment Instruction for HKIS Event Ref.: [_____]

To: Credit Card Service Department

I would like to pay the reservation fee of HK\$ _____ to Surveyors Services Limited by charging my Credit Card account as follows:
 Cardholder name: _____ HKIS membership no.: _____
 Card no.: _____ Expiry Date: _____ / _____
 Cardholder's signature: _____ Date: _____

For Bank Use Only

Approved by: _____ Date: _____

Remarks:

- Please return the completed reservation form to **HKIS 35th Anniversary Cocktail Reception Secretariat – Creative Consulting Group Inc. Limited by email: rosy.tsang@creativegp.com or by Fax +852 2372 0490**
- The above event/reservation is only available for HKIS members.

HKIS Photography Competition

Submit your photo now !

Deadline : 18 March 2019



<https://bit.ly/2USfGpZ>

To celebrate the 35th Anniversary of HKIS, a photography competition is organised as a fitting platform for our members to **showcase their memorable moments and experiences in the profession** since the establishment of the HKIS in 1984, through the medium of photography. Register now and submit your most captivating photos associated with the surveying profession on or before 18 March 2019, and get the chance to win one of the several coveted prizes!

Budding photographers can enter their work into one of four categories, including:

/ Surveyors at Work / Surveyors at Leisure / Charitable Surveyors / HKIS Activities

The Champion, first runner-up and second runner-up in each category will be awarded with the following prizes:



CHAMPION

HKIS Subscription Waived (One year)



1ST RUNNER-UP

HKIS Annual Dinner Seat x 1



2ND RUNNER-UP

HKIS Annual Conference Seat x 1

Entries may be displayed during the 35th Anniversary Cocktail Reception, as well as being featured in HKIS 35th Anniversary publications.

Remarks: Participant must acknowledge and agree that the HKIS reserves the right to including and not limited to exhibiting, publishing and distributing the entries through any media for publicity and other purposes.

SUBMISSION GUIDELINES:

1. The participant must be an HKIS member.
2. Each participant can enter in more than one category, and submit a maximum of 5 entries for each category.
3. Participants must submit in the format of digital files (JPG). All digital files must be larger than 5 MB and smaller than 10 MB, with a minimum of 300DPI.
4. Please name your photo files following this format: FullName_PhotoNumber_YearTaken
5. All entries should include a photo caption with no more than 50 words in English.
6. All entries must be the original works by the participants and have not been sold, published or taken part in other photography competitions previously.
7. HKIS is entitled to disqualify any participant who does not abide by the rules and regulations of the Competition. HKIS also reserves the right to timely amend the rules and regulations of the Competition without prior notice to participants.
8. The decision of HKIS will be final and binding on all parties concerned in any dispute. The competition does not consist of appeal mechanism.
9. If there is any inconsistency or ambiguity between the English version and the Chinese version, the Chinese version shall prevail.

Congratulations to the following who were elected as HKIS Members on 18 January 2019

FELLOW (1)

BS DIVISION

CHAN PUI FUNG

MEMBER (92)

BS DIVISION

CHAN HON SHING
GIAUW SHIAU THONG AGATHA
KO YU HONG
PANG HUNG WAI
WONG WAI CHING

CHAN PUI KI
HUANG TAN YEUNG
O MAN
TAM WING LAM

GP DIVISION

AU KA YING
CHAN SHING HIN
CHAN WAI FAN
CHENG HANG YU
CHEUNG SHUK YU
CHOI HO YIN
CHUNG KA SHING
HO KING FUNG JAMMY
HON YUEN WAI
IP HONG YEE
JIN SHIMING
KWOK PUI SUM
LAI KAR YIN
LAM TSZ HIN
LAU HO WING TERENCE
LAU ON HEI
LEE CHEUK MAN MARY
LEUNG CHUN FUNG
LI CHEUK WAI
LI YIDAN

CHAN MAN HIN ROGER
CHAN TAK WAI
CHENG CHUN MAN EDMUND
CHEUNG HOI YING
CHEUNG WAN MAN
CHOI TSZ HONG
CHUNG SIU KEI
HO YIK LAM
HUNG SAI YAU
IP KWONG WING
KUANG KAISHAN
KWONG SIN KAN MELODY
LAI LAP WAI
LAU CHIN WANG
LAU KWAN UE
LAU TSZ HIN
LEE KWOK ON
LEUNG SIU FUNG
LI JINGWEN
LUK CHIN HANG

LUK OI YING TIFFANY
NG TSZ TING
POON CHUNG MAN
TAI WING SZE
TANG CHI FUNG
TSE KA MAN
TSOI KWAN KIT
WONG CHEUK WAI
YIP KA HO
YUEN KA CHUN

LUK SIN CHEUNG SAMUEL
NG YIM PING
SO KIN WING
TAM WING HEI
TANG WING TAI
TSE YIU TING
WONG CHEUK SZE
WONG HOI YAN
YIP KA KI

LS DIVISION

CHENG WING

FAN CHUNG HEI

QS DIVISION

CHENG WAI KIT
CHEUNG KA YAN
CHEUNG KWAN HANG
FU KA CHUN
FUNG NGA YU
HO LOK YIN
LI CHUN KIT
LO CHUI YING
TONG CHUNG YAN
WONG YAT HO
YEUNG KAI KAM

CHEUNG CHI HAANG
CHEUNG KAI CHUNG
CHU KI TSUN
FUNG CHUN LAAM
HO CHUI YING
LEUNG CHI WA
LIU CHUN LOK
TAM KWAN YEE
WONG MAN LOK
WONG YUK PING
YIP SIN LAM

CORPORATE MEMBERS REGISTERED IN OTHER DIVISIONS (6)

PD DIVISION

CHEUNG SING DIN
POON WING CHEUNG
LAWRENCE

LI KWOK WAH
SUNG SHU HUNG

PFM DIVISION

CHAN CHAK WA JASON

MOK WAN CHI

RESIGNATION (10)

CHENG TAI YAU
HO MAN LAI
LEE WING CHEUNG
SZTO SHUK YING
TANG SAU CHUN DOROTHY

CHEUNG CHI FUNG
HUI WAI YIN
NG HOI LAM
TAI LONG HIM
TEH TING LIN

Council Members Reaching Out

11 February	Spring Reception of the Home Affairs Department	Sr Dr Tony Leung
14 February	Monthly Thursday Luncheon Organised by the Executive Council	Sr Dr Tony Leung
18 February	Spring Reception of the Hong Kong Institute of Architects	Sr Dr Tony Leung
18 February	Spring Reception of the Hong Kong Institute of Real Estate Administrators	Sr Dr Tony Leung
18 February	Consultation Forum on Improving the Environmental Performance of Hong Kong's Construction Industry Organised by the Construction Industry Council	Sr Edmond Yew
19 February	Spring Reception of the Hong Kong Professionals and Senior Executives Association	Sr Dr Tony Leung

21 February	Symposium on the Outline Development Plan for the Guangdong-Hong Kong-Macau Greater Bay Area Co-organised by the People's Government of Guangdong Province, the Government of the Hong Kong Special Administrative Region, and the Government of the Macau Special Administrative Region	Sr Dr Tony Leung
21 February	Spring Cocktail Reception of the Law Society of Hong Kong	Sr Dr Tony Leung Sr Winnie Shiu
25 February	Joint Spring Cocktail Reception of the Chartered Institute of Housing Asian Pacific Branch, the Hong Kong Association of Property Management Companies, the Hong Kong Institute of Facility Management, and the Hong Kong Institute of Housing	Sr Dr Tony Leung
27 February	深圳市前海深港現代服務業合作區管理局舉辦「前海管理局 2019 新春酒會」	Sr Dr Tony Leung
27 February	深圳市前海深港現代服務業合作區管理局舉辦「前海落實粵港澳大灣區發展規劃綱要政策推介會」	Sr Francis Lam

CALENDAR OF EVENTS

活動日誌

Date	Event	Organiser	Location
2019			
Mar 28	HKIS Executive Committee & General Council Meeting	HKIS	SLC, HKIS
Apr 25 26	HKIS Executive Committee Meeting HKIS 35th Anniversary Cocktail Reception	HKIS HKIS	SLC, HKIS Hong Kong Convention and Exhibition Centre
May 30	HKIS Executive Committee & General Council Meeting	HKIS	SLC, HKIS
June 27	HKIS Executive Committee Meeting	HKIS	SLC, HKIS
July 25	HKIS Executive Committee & General Council Meeting	HKIS	SLC, HKIS
Aug 29	HKIS Executive Committee Meeting	HKIS	SLC, HKIS
Sep 21 26	HKIS Annual Conference HKIS Executive Committee & General Council Meeting	HKIS HKIS	JW Marriott Hong Kong SLC, HKIS
Oct 31	HKIS Executive Committee Meeting	HKIS	SLC, HKIS
Nov 12 28	HKIS Annual Dinner HKIS Executive Committee & General Council Meeting	HKIS HKIS	Grand Hyatt Hong Kong SLC, HKIS

For details, please visit www.hkis.org.hk or contact the HKIS Secretariat at 2526 3679. Board Room, HKIS = Board Room, Room 1207, 12/F., Wing On Centre, 111 Connaught Road Central, Sheung Wan, Hong Kong. SLC, HKIS = Surveyors Learning Centre, Room 1207, 12/F., Wing On Centre, 111 Connaught Road Central, Sheung Wan, Hong Kong.



Building Surveying Division
Sr Kenny Tse BSD Council Chairman

Building Surveying Scholarship for Secondary School Students cum Eddie Lee Memorial Education Foundation APC Scholarships 2018

On 21 February, the award ceremony for the Building Surveying Scholarship for Secondary School Students cum Eddie Lee Memorial Education Foundation APC Scholarships 2018 was held successfully. I briefly introduced the BS profession to the participants. Special thanks go to Sr Prof Barnabas Chung and Sr Dr Daniel Ho, who also delivered speeches during the ceremony to promote the BS profession and inform students on the paths to become building surveyors. Thanks also go to Sr Peter Dy for acting as emcee for the event.

Five winners of the building surveying scholarship and six of the APC scholarships were presented with diplomas and scholarships. I was glad that the awardees' parents, teachers, counsellors, and friends joined this event to share in their joy. For the Building Surveying Scholarship, a second stage award was granted to a student who was successfully admitted for a surveying degree after the first stage scholarship.

Regarding the Eddie Lee Memorial Education Foundation APC Scholarships, a special award was presented to a young, female member who was the first AMHKIS of 2016. After obtaining her surveying degree, she entered the APC and qualified as MHKIS finally. The BSD hopes this award serves as an incentive for technical members to advance their careers.

Congratulations again to all winners!





Career-Sharing Session for THEi Surveying Students

The BSD was invited by Sr Dr Daniel Ho of THEi to join a series of career-sharing sessions for THEi's BSc Surveying students. I attended one session on 27 February together with BSD co-opted members Sr Daniel Pong and Sr Gigi Mok and representatives of the other divisions. We shared our BS experiences and career prospects with the Year 2 students in small groups and answered their questions. I was surprised and impressed by the students' proactive learning attitude.

HKIS Media Luncheon

On behalf of the BSD, I attended an HKIS Media Luncheon on 15 February and briefed the media on the BS profession and the Institute's action plans. The media responded positively to the BSD's new proposals for a pre-acquisition survey of second-hand domestic premises and a building affairs expert determination centre. In order to quickly respond to media queries and magnify its media exposure, the BSD recently expanded its public relations team. Now the list of BSD spokesmen includes Sr Vincent Ho, Sr Billy Wong, Sr Arthur Cheung, and me.





Career-Sharing Session for THEi Surveying Students

Panel Assessor of HKU BSc Surveying Final Year Dissertation

On 15 February, I was invited by HKU to serve as a panel assessor of the BSc Surveying Final Year Dissertation. Each student made a five-minute presentation on his/her respective topic and approach to his/her final year dissertation. Panel assessors asked questions and provided comments and practical advice to the students. Then they evaluated the aspects of the research content, research methods and expected outcomes, importance and contribution of the research, and presentation skills before assigning a score to each presentation. I opine that this is a good platform for surveying students to reflect on their work and gain valuable feedback from peers and practitioners.



Review of the Mechanism for Encouraging a QBE through GFA Concession

On 30 January, I joined a stakeholder engagement session for a “Review of the Mechanism for Encouraging a Quality Built Environment through Gross Floor Area Concession,” which was organised by a Buildings Department consultant (AD+RG).

The study aimed to align with the government’s January 2017 Policy Address, which advised that, “Under the current arrangement, a private housing development project is required, among other things, to register for Building Environmental Assessment Method Plus (BEAM Plus) as a prerequisite for application for gross floor area concession for amenity features.”

The consultant will review this arrangement to further promote a quality built environment. In the review, the consultant will consider tightening the prerequisite by requiring a development project to attain specific standards of performance in environmental protection or even adopt performance-based and site-specific approaches to determine the maximum gross floor area concession. The purpose of the stakeholder engagement session is to collect views on the mechanism for encouraging a quality built environment (QBE) through GFA concessions.

I want to emphasize that this review has long-term implications for Hong Kong's future built environment. On behalf of the BSD, I sincerely invite members to carefully study the content of the paper, which can be found on the consultant company's website, and offer your views to the consultant directly. The BSD will collect views during council meetings and submit its comments and suggestions to the consultant on this topic.

The BSD Grand Cocktail

NOW OPEN FOR APPLICATION!

big surprise for you!

#1999 #20yearschallenge

#1998 #21yearschallenge

THE BSD GRAND COCKTAIL

6 Apr 2019 (Sat) 2-5pm
Royal Hong Kong Yacht Club

Location:
Royal Hong Kong Yacht Club 香港遊艇會
Kellott Island, Causeway Bay 銅鑼灣奇力島

follow bsd on facebook

fb.com/hongkongbs

fee
BSD full member/probationer: \$300/person
2 or more in single application: \$250/person
Student member: \$120/person
(finger foods, unlimited drinks & **BIG Surprise by BSD** included)

application method
HKIS website/Standard reservation form
First-come-first-served *conditions apply

35th

《香港測量師學會建築測量組獎學金》暨《李樹城紀念教育基金獎學金》頒獎禮於 2 月 21 日圓滿結束，共有十一名得獎者，當中有兩名得獎者有特別意思，一位建築測量組獎學金得獎學生因為順利被大學測量學系錄取，獲得第二階段獎學金。另一位李樹城紀念教育基金獎學金得獎者是本組第一位技術會員，她拿取測量學位後隨即參加專業評核試並成為專業會員，本組特此嘉許。再次恭喜各得獎者！

我代表建築測量組於 2 月 15 日參加傳媒午餐聚會，分享本組專業範疇及動向。傳媒朋友對本組的新建議包括二手住宅買賣前勘察及樓宇事務專家裁定中心均表示興趣！為了加強本組與傳媒的聯繫及回應效率，本組的發言人團隊已增加人數，以應付傳媒訪問及查詢！

我在 2 月 27 日代表本組參加了香港高等教育科技學院的分享會，向學生們分享測量師日常工作及未來發展。我對學生的主動發問及學習態度非常欣賞，使我印象深刻！

我在 2 月 15 日被香港大學邀請作為測量學學生最後一年論文的中期評審，主要為學生已選的論文題材提供意見及方向。

屋宇署聘任了一間顧問公司檢討「總樓面面積寬免促進優質及可持續建築環境的機制」，我參加了在 1 月 30 日的其中一場討論會，聽取該顧問公司的工作及發表，以及其他參與者的關注及建議。我認為該檢討對業界及未來建築環境有深遠影響，建議各會員認真細閱該檢討內容，及直接向該顧問公司發表意見。本組會有工作小組就該檢討繼續跟進。



General Practice Division

Sr Chiu Kam Kuen GPD Council Chairman

Over \$1 Trillion of Land Sales Income from “Lantau Tomorrow Vision” Estimated by the HKIS

The GPD has formed a working group named, “Land Sales Revenue Estimation for Lantau Tomorrow Vision,” to study the feasibility of “Lantau Tomorrow Vision” from a financial perspective. The working group is convened by Sr KK Chiu and five other members: Sr Alwick Chan, Sr Charles Chan, Sr Alexander Lam, Sr CK Lau, and Sr Tony Wan.

During the HKIS media luncheon on 15 February, Sr Chiu, the GPD Council Chairman, suggested that if the “Lantau Tomorrow Vision” can be implemented, the 1,000 hectares of reclaimed land near Kau Yi Chau could produce \$974-\$1,143 billion of land sales revenue (excluding potential revenue from public sector residential units) for the HKSAR Government within 10-20 years. There would also be a significant supply of new residential dwellings ranging from 150,000 to 260,000 units.

The new public-private flat ratio calls for 70% of the residential land under the “Lantau Tomorrow Vision” to be reserved for public housing and 30% for private housing. Therefore, a maximum of 78,000 private housing units would be built on Lantau together with 43 million square feet of commercial floor area. The expected revenue from the land sales alone should exceed the cost of reclamation.

Apart from the revenue generated from the sale of commercial and private residential floor spaces, there would also be revenue stemming from public sector housing sales (HOS, Starter Homes, and Housing Society units) pointing towards an even greater income for the Government's Treasury.

Sr Chiu added that there is no single solution for solving the problem of land shortage – it must be multi-pronged. For example, 640,000 units of housing could be built on over 1,000 hectares of New Territories agricultural land if the land is developed at a plot ratio of three and each unit averages 500 square feet. This would be enough to meet Hong Kong's housing needs for the next decade. However, Sr Chiu agreed that it is difficult to reclaim agricultural land given the length of time required to relocate residents. Reclamation is considered a relatively quick way to provide developable land.

Joined by three other institutes (the HKIP, HKIA, and HKILA) and the Legislative Council Member of the Architectural, Surveying, Planning and Landscape functional constituency, Sr Tse Wai-chuen, the HKIS will meet next month with the Secretary for Development on the “Lantau Tomorrow Vision”. It expects a new development plan to be introduced with the HKIS forming a team for “Lantau Tomorrow Vision” that jointly expresses the opinions of the four institutes.

The paper prepared by the Working Group on Land Sales Revenue Estimation for the Lantau Tomorrow Vision is now available for review on the HKIS website at the following link:

<https://bit.ly/2SyNKpx>



Career-sharing Session at HKU

Invited by Department of Real Estate and Construction of the University of Hong Kong, a group of GPD Council members, Divisional Education Committee members, veteran general practice surveyors, and surveying graduates/trainees paid a visit there on 25 January to share their career experiences with the BSc (Surveying) and MSc in Real Estate students in attendance. The event brought together practitioners from the private and public sectors including Sr Leo Cheung, Ms Shirley Kam, Sr Alexander Lam, Ms Jodi Lam, Sr Ken Lam, Mr Brian Pak-ho Leong, Sr Clement Leung, Ms Bethany Lo, Sr Joanne Lou, Mr Eric Chi-wick Ng, Ms Wendy Ng, Sr Juven Shum, Sr Alex Tse, and Sr Dr Castor Wong.

The informal sharing session started off with an introduction to the GP industry by Sr Alexander Lam followed by introductions to graduate posts at the Rating and Valuation and Lands Departments. The diverse, two-hour sharing session turned out to be a fruitful one, attracting around 50 participants and has become an annual signature event for the department.

Invitation for Speakers – HKIS General Practice Division PRE-QUALIFICATION STRUCTURED LEARNING PROGRAMME (SLP)

In accordance with Section 6 of the APC Rules and Guide promulgated in June 2012, candidates are required to attend **a mandatory 40-hour pre-qualification structured learning programme** before they can attempt the Part I Assessment. For the purpose of meeting this APC requirement, the GPD Education Committee will organize a 14-session (40 hrs) SLP for the candidates. The SLP aims to equip the APC candidates with an understanding of the practical application aspects of the GP surveying industry. Candidates are expected to attend at least 32 hours out of this 40-hour programme.

The GPD Education Committee would like to invite senior members (minimum 7 year post qualification practical experience in relevant fields) to deliver talks (3 hours per session) to the probationers on the following topics.

1. Laws and Surveying (9 hrs)

1. General Practice Surveying Law (Lecture 1)
2. General Practice Surveying Law (Lecture 2)
3. General Practice Surveying Law (Lecture 3)

2. Agency Practice, Development and Property Management (9 hrs)

1. Transaction by Private Treaty, Sale and Letting, Auction & Tender
2. Planning and Development
3. Asset and Property Management

3. Urban Land Economics and Analysis (9 hrs)

1. Urban Land Economics (Lecture 1)
2. Urban Land Economics (Lecture 2)
3. Urban Land Economics (Lecture 3)

4. Valuation: (13 hrs)

1. General Valuation Principles (Session 1)
2. General Valuation Principles (Session 2)
3. General Valuation Principles (Session 3)
4. Statutory Valuation – Rating
5. Business Valuation

An honorarium for travel and meals for speakers/lectures will be paid at a rate of \$1,200 per hour basis or \$3,600 for each 3-hour session (inclusive of the preparation of lecture materials, notes, and setting of model examination questions with answers for the consideration of the GPD Education Committee). Teaching sessions will normally be held on Saturday mornings and afternoons and will tentatively commence in May 2019.

Interested members may send an email to HKIS Education Manager (Ms. Judy Shiu, edudept@hkis.org.hk, Tel-2526 3679) for application and details of the SLP. The deadline for application is **29 March 2019**. The GPD Education Committee at its sole discretion will select suitable speakers to the SLP.

GPD Education Committee





Land Surveying Division
Sr Dr Lesly Lam LSD Council Chairman

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

As reported last year, the Government's funding scheme, PASS, awarded \$1.93 million to the HKIS, 10% of which would be HKIS-supplied on a nominal basis. The LSD has prepared some advanced promotional products in UAV-generated, urban 3D-modelled, remote-sensing applications, among others, for urban development and natural resource reservations. It is working hard to translate the surveying practice rules and qualifications to be referenced by China's targeted One Belt, One Road (OBOR) partners.

counterparts there. OBOR's promotional activities will include China, Kazakhstan, and Sri Lanka. Finally, an international conference will be held in Hong Kong to focus on OBOR surveying and mapping services. The Council will continue to seek information from the team led by Sr Dr Conrad Tang and Mr Thomas Lee and keep members updated on its progress.

Meeting with the Project Director of the Smart City Consortium

LSD Vice Chairman Sr Paul Tsui, PDD Chairman Sr Edmond Yew, and PDD Vice Chairman Sr Francis Lau recently had a lunch meeting with the Project Director of the Smart City Consortium (SCC). Both parties are investigating the collaborative opportunities for both institutes and covered quite a few topics including SDI, open data, urban and planning, transport, etc, during the meeting, which fruitfully kicked off their partnership. Both institutes look forward to further liaisons.



In March 2019, the LSD will send a delegation to Pakistan to conduct workshops for their



11th 京港澳測繪地理資訊技術交流會, 22-24 May 2019

The HKIS, together with the Hong Kong Institution of Engineering Surveyors (HKIES), the Hong Kong Polytechnic University's Department of Land Surveying and Geo-Informatics (LSGI), and Hong Kong Institute of Vocational Education (IVE, Morrison Hill, Department of Construction) are co-organising the 11th 京港澳測繪地理資訊技術交流會 (Beijing-HK-Macau Surveying and Mapping Conference) in Hong Kong from 22-24 May 2019. The event has been held biennially since 1999 in Beijing, Hong Kong, or Macau. During past conferences, delegates from the three cities exchanged news on their adoptions of geomatics technologies through papers/presentations/technical tours and social activities. This year's conference theme is:



Some background on the event can be found at: <http://www.bhm2019.hk/>.

The conference organising committee cordially invites you to join the event. It would certainly be its honour to have your presence to share your vision and experiences with other participants. During the last conference, the theme was how future smart cities could be created.

CPD: “Do You Know Where You’re Going?” by Sr Kenny CHAN Chi-hung

Kenny conducted a very informative CPD on 28 February. During his talk, he covered the development of address and coordinate systems; the evolution of positioning and navigation technologies (PNT); and the importance of the continued development of PNT in the era of digital information, internet, IoT, and big data.





Planning & Development Division Sr Edmond Yew PDD Council Chairman

Kung Hei Fat Choy! Wishing you and your family a Happy Lunar New Year with abundant joy, good health and greater heights of success and prosperity!

Liaison Office of Central People's Government 2019 Spring Cocktail

I joined the Spring Cocktail hosted by the Liaison Office of the Central People's Government (中聯辦) on 29 January. It was an enjoyable evening, we all had happy chats and good mingle with business associates and friends.



HKU BSc(Surveying) Dissertation Interim Presentation

On 15 February, I attended the final year dissertation interim presentation of the HKU BSc(Surveying) as one of the panel assessors. It was my pleasure to share with these future surveyors my comments on their interesting and insightful research projects.



THEi Surveying Studio - Career Sharing Seminars

I was invited to THEi on 20 February to introduce the career prospects of planning and development surveyors to the surveying students during their studio session. In light of the growing demand for developing land for housing, urban renewal and new town development, the roles of the planning and development surveyors are getting more and more important to plan and identify the potential uses of lands, optimise the land use planning and overall manage the development process.



The Symposium on Outline Development Plan for Greater Bay Area

On 21 February, I attended the Symposium on Outline Development Plan for Greater Bay Area where the Deputy Director of the National Development and Reform Commission, Mr Lin Nianxiu, Governor of Guangdong Province, Mr Ma Xingrui, Chief Executive of HKSAR, Mrs Carrie Lam and Chief Executive of Macao SAR, Mr Chui Sai On, pledged to capitalise on their advantages to contribute to the Greater Bay Area. The outline plan sets out the development direction and the roles of the two special administrative regions and nine cities in the Pearl River Delta. As one of the key cities, Hong Kong would continue to strengthen its status as international centers of finance, transportation, trade and legal and dispute resolution for the Asia-Pacific. It is indeed encouraging to know how the outline plan could inject new impetus into society and the economy to create more opportunities for Hong Kong people.

Meeting with President of SIP

I paid a visit to the President of the Singapore Institute of Planners (SIP) on 22 February to plan for the year ahead, providing platforms and opportunities for our members to exchange professional knowledge regularly. Therefore, we invited them to be our judges for the upcoming Mater Planning Award in November, where developers or consultants are welcomed to submit their proposals on how the Greater Bay Area and Hong Kong Projects could be sustainably planned and developed. In return, SIP invited our members to participate in the 6th SIP Planning Awards 2019 (International Category), which aims to honor urban planners and the team for their various excellent planning projects or plans undertaken in Singapore and overseas.



https://www.planning.org.sg/cms/ev/2019-20190211134325/SIPAward2019_flyer.pdf

Improving Environmental Performance of HK Construction Industry

On 24 February, I attended the forum-“Improving Environmental Performance of HK Construction Industry” organised by the Hong Kong Construction Association. According to the interim consultancy report for the Low Carbon Construction Roadmap, it is impressive how the construction industry has improved different environmental aspects through reviewing governance structure, implementing a knowledge sharing platform, supporting the construction waste sorting and management, using cleaner energy and low carbon equipment on-site, providing incentive for low carbon construction materials and phase out carbon intensive materials.

policies and standards related to Smart City development. Planning and development surveying in particular, has strong expertise to recommend Smart City visions and strategic planning policies. Hence, to contribute to the development of Smart Hong Kong, we would like to join the Consortium and sign an MOU with them for closer cooperation.



Innovative & Green Building Conference

I attended the Innovative and Green Building Conference organised by the Hong Kong Green Building Council (HKGBC) and the Hong Kong Science and Technology Parks Corporation (HKSTP) on 27 February. Attracting more than 400 participants, the conference brought together green building practitioners with experts in the Internet of Things (IoT), big data and Artificial Intelligence (AI) to share knowledge and experiences to drive innovation towards a smart green built environment.

Meeting with Smart City Consortium

I met the Project Director of the Smart City Consortium, Mr Eddie Cheung, on 25 February with the Land Surveying division. To develop Hong Kong as the world leading Smart City so as to improve the quality of life of people, different professionals have to work together to advise the government on formulating



Forum on Lantau Tomorrow — Dialogue with Secretary for Development

On 1 March, I shared my opinion on the Lantau Tomorrow vision at the forum in Legco Building.

I agreed that the development could alleviate housing shortage and serve as a key land supply for HK, yet the multi-Islands scheme may incur additional construction costs, leading to inefficient land use and causing adverse impact on the environment.

It is important for the government to prepare a long-term plan, setting out development directions beyond 2030+, a 50 years vision, while adopting sustainable and smart planning approaches.

Since there has been some concerns about the risks of excessive public expenditure, the government could explore the possibilities of PPP or BOT or some strategic partnerships with the private sectors which may lower the project risks and increase the operation efficiency by leveraging on market intelligence.

In addition, the government may also consider issuing long-term infrastructure bonds or setting up a fund or a public-listed corporation to raise project finance and to attract more international investors to participate in the Project.



Upcoming CPDs

9 March 2019, 9:30am – 1pm

Careers Expo for HKU BAUS & MUPD Students & PDD Probationers

Representatives from CEDD, PlanD, HK major developers and consultants will introduce to graduates the job opportunities and the career prospects of their organisations. Other career opportunities from MTRC, Link REITs, etc will also be presented. Furthermore, there will be a briefing on the PDD APC and PSQL for our probationers and student members to have a clearer picture on how to pursue a professional career as a planning and development surveyor.

21 March 2019, 7 - 8:30pm

Topic: Urban Design and Planning in the Greater Bay Area

Speaker: SOM Asia Limited

30 March 2019, 9am - 1pm

Greater Bay Area Seminar- “深入展研大灣區規劃 - 從規劃及發展 出發”

Speakers:

Prof K K Ling

邱衍慶 廣東省城市規劃協會理事長、廣東省城鄉規劃設計研究院院長

羅勇 廣東省城鄉規劃設計研究院城市發展研究中心主任、特色小鎮和美麗鄉村研究中心主任、國土空間·開發保護研究中心主任、粵東分院院長

任慶昌 廣東省城鄉規劃設計研究院規劃一所所長、珠三角空間規劃研究中心主任

陳偉勁 廣東省城鄉規劃設計研究院規劃三所主理總監



Property & Facility Management Division
Sr Daniel Hui PFMD Council Chairman

Holistic Approach and Application of BIM to the PFM Perspective

Thanks go to the HKIS's BIM Committee for organising a BIM conference on 30 November 2018. The Institute's six divisional chairmen and their representatives addressed the existing and potential BIM applications in respect of each division's expertise and their key roles in the whole land development, construction, and property life cycle. The conference attracted about 200 surveyors and practitioners and was a great success.



What is BIM?

Building information modelling (BIM) is a collaborative way to work underpinned by digital technologies that allow for more

efficient methods of designing, delivering, and maintaining physical built assets throughout their life cycles (ISO19650).

Both the Government and private sector have already widely adopted BIM in their works projects. The former's 2017 Policy Address stated that it would actively require consultants and contractors to use BIM when designing major public capital works from 2018 onwards. Development Bureau Technical Circular (Works) Nos.7/2017 and 18/2018 were issued to detail these Policy Address initiatives. Starting 1 January 2018, capital works projects that are estimated to exceed \$30 million must use BIM technology. The policy applies to the investigation, feasibility, planning, design, and construction stages of a project.

Challenges Encountered

Although this technology has been widely-adopted in new construction projects, its application to the operation and maintenance of a project during its post-construction stage is still under development. What are the problems encountered so far?

1. The application of BIM was mainly for visualisation. The 2D drawings made during the construction stage were not generated from the 3D BIM model.
2. The BIM models were not updated even during the final completion stages of the projects. This cannot truly reflect the as-built site conditions.
3. The information from the BIM models was not detailed and sufficient for future operation and maintenance purposes.
4. There was a lack of PFM personnel to update the models after the completion of repairs and maintenance.

Next Steps

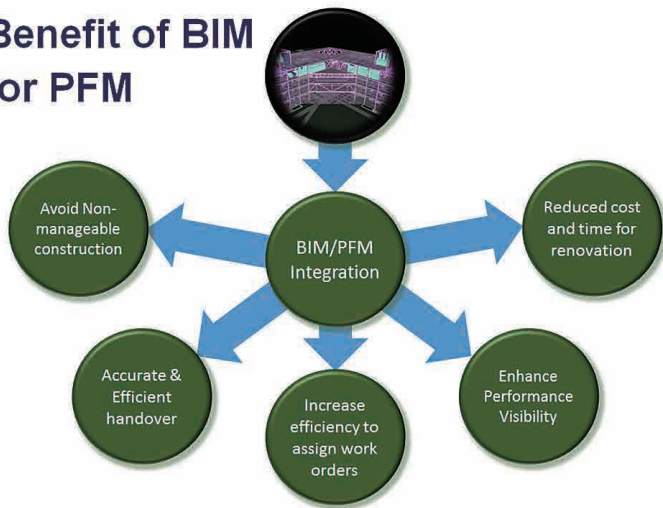
The following measures should be taken to accelerate the adoption of BIM technology in PFM:

1. Henceforth, the consultants and contractors should generate the 2D drawings from the 3D BIM models.
 2. The as-built BIM models must be updated, checked, and verified before they are submitted to the PFM team.
 3. The asset information requirements (AIRs) on BIM models should be defined and developed during the design and construction stages. Thus, all of the necessary information, such as the level of development of the physical and functional characteristics of the building and featured components, as well as the asset attributes, should be incorporated.
 4. PFM personnel should be well-trained to employ BIM technology in their work.
3. Increasing the rate of emergency responses.
 4. Saving on resources & energy and reducing costs.

In addition, BIM technology can be integrated with other PFM-related systems such as building management systems for energy control, fire safety management of virtual evacuation routes in case of fire and to create means of access for firefighting, the installation of the Internet of things for lift safety monitoring and water leakage detection, etc.

The PFMD now proposes to conduct a study on how to apply BIM to the PFM industry. It knows that BIM includes much more than visualisation, for which one can actually meet the end-to-end process of the operation and facility management.

Benefit of BIM for PFM



The Benefits of BIM for PFM

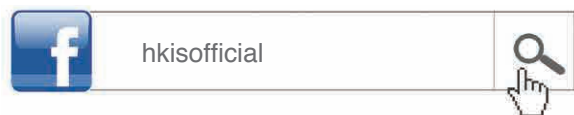
BIM can help building owners and operators develop a digital platform for facilities management. It can help them compile a more accurate inventory and assess the condition of the equipment they manage in their facilities. The benefits include:

1. Extending the life of the capital spent.
2. Meeting and enhancing the building's performance goals.

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Official FACEBOOK PAGE of the HKIS

www.facebook.com/hkisofficial

Join us and click the 'like' button now!





Quantity Surveying Division Sr Raymond Kong QSD Council Chairman

Visit to the Singapore Institute of Surveyors and Valuers (SISV), Singapore Building Construction Authority (BCA), and Surbana Jurong Consultants Pte, Ltd (SJ)

In January, I led a delegation comprising QSD Vice Chairpersons Sr Amelia Fok and Sr Sunny Choi, Immediate Past QSD Chairman Sr Raymond Kam, and Past QSD Chairman Sr Paul Wong to Singapore. It visited the SISV, BCA, and SJ.

The group started the official visit by meeting with the CEO of BCA, Mr Cheng Tai Fatt, and his colleagues on 16 January. Mr Cheng shared his valuable experiences on and insights into prefabricated, prefinished, volumetric construction (PPVC), which is similar to modular integrated construction (MIC) in Hong Kong. Below are some highlights of the meeting:

- (1) Singapore's construction industry transformation map
- (2) Overview of Singapore's BIM/integrated digital delivery (IDD) journey
- (3) Singapore's efforts and productivity plans for Design for Manufacturing & Assembly (DfMA) and IDD
- (4) Workflow of PPVC, which is one of the most productive DfMAs
- (5) How IDD can help in a PPVC project



On 17 January, the group paid a courtesy call to the SISV and met its QS Division Past Presidents Mr Silas Loh and Mr Wong Chak Wai, Immediate Past President Mr Goh Ngan Hong, 2nd Vice President Mr Wong Kin Hoong, and their colleagues and representatives, the last of whom briefed their guests on the recent developments in building information modelling (BIM) and the Security of Payment Act (SOPA) in Singapore.



To gain a wider perspective of PPVC construction in Singapore, the group next visited SJ on 18 January and met its Senior Director, Mr Eugene Seah, the Managing Director of ThreeSixty Cost Management Pte, Ltd (a subsidiary of SJ), and their colleagues. The hosts briefed the group on the execution plan for SJ's road map to achieve IDD and their efforts in driving immersive virtual reality systems, which allow interaction between 3D models and humans at a 1-to-1 scale.



The QSD has been consolidating the information collected during its stay in Singapore and plans to conduct a CPD session in May 2019 to share with members Singapore's insights into recent technological developments in construction.

HKIS Media Luncheon 2019

The HKIS arranged a media luncheon at the World Trade Centre Club, Causeway Bay, on 15 February. Three spokesmen from the QSD – Sr Raymond Kong (Chairman), Sr Amelia Fok (Vice Chairperson), and Sr Keith Yim (Past Chairman) – attended the luncheon to share their professional views on issues related to quantity surveying and addressed enquiries from editors and reporters.

HKIS Honorary Treasurer and QSD Past Chairman, Sr Paul Wong, also attended the luncheon.

QSD messages delivered to the media included making the public aware of local building construction costs and various new initiatives, including the use of BIM, MiC, and other green construction techniques, that are employed in the construction industry.

拜訪廣東省工程造價協會

在 2 月 26 日，工料測量組前主席黃國良測量師、工料測量組副主席蔡盛霖測量師、工料測量組增選委員鄧祺祥測量師及本人拜訪廣東省工程造價協會，與協會會長鐘泉、副會長許錫雁及其他單位代表交流粵港兩地，工程造價計價管理，並探討編寫可配合粵港澳大灣區發展規劃綱要的造價管理大綱。會後工料測量組續與廣東省住房和城鄉建設廳副廳長蔡瀛，及與廣東省建設工程標準定額站副站長盧立明會面交流。

在是次會面，雙方均希望日後可以有更多合作機會，令粵港兩地工程造價管理在市場化和國際化方面向前邁進。廣東省工程造價協會並計劃於今年六月或稍後時間在深圳舉辦一個主題為大灣區工程造價的論壇，屆時將會邀請工料測量組之講者及會員出席。





Young Surveyors Group

Sr Refeal Leung YSG Committee Chairman

Happy Year of the Pig! YSG Wishes Everyone Good Health and Wealth!

豬年快樂! 青年組祝各會員年身體健康, 諸事如事!

Event Highlight

Joint Professional Event: Wine & Cheese Pairing

YSG jointly organised with the CI Arb, CIBSE, HKIE-YMC, and ICE a wine & cheese pairing to provide an opportunity for members to meet each other on 22 February. The event included an introduction to wine-tasting and how to correctly pair up different types of cheeses and wine. YSG hopes the participants enjoyed this enjoyable event and thanks the organising committee for planning it.



LSGI Annual Dinner

Reported by Patrick Choi

The annual dinner of PolyU's Department of Land Surveying and Geo-informatics (LSGI) was held on 22 February. YSG committee member Jenny Yuen and I attended this wonderful event. Thanks go to the 24th student society of LSGI (UNILAND) for organising such a great activity for the students, the HKIS, Hong Kong Institute

of Engineering Surveyors (HKIES), and HKCA Young Members Society (YMS). The LSGI Head, Prof John Shi, invited the students and LSGI alumni to celebrate its 35th anniversary. The event gave students a great opportunity to learn more about the surveying industry through meeting practitioners in a relaxing environment.



Upcoming Event

One-Day Seminar on Contract Management 2019

The One-Day Seminar on Contract Management is an annual event and has been jointly-organised by young professionals from various institutions including YSG. It will be held on 6 April this year at the Hong Kong Red Cross Headquarters. The seminar should help attendees equip themselves with knowledge for ongoing professional development in contract management including BIM, NEC, security of payment, etc. For more details, please refer to the HKIS website.

ONE DAY SEMINAR ON CONTRACT MANAGEMENT 2019

New Era of Construction Industry

DATE: 6 APRIL 2019 (SAT)
TIME: 9:00 AM – 6:00 PM
VENUE: Hong Kong Red Cross Headquarters
19 Hoi Ting Road, West Kowloon
CPD HOURS: 6
FEE: HK\$200 (Members of Organising Institutes)
HK\$400 (Non-members)



Mr. Ivan Cheung
Director
AMED Consultancy
Dispute Resolution in NEC



Mr. Owen Lee
Honorary Treasurer
Hong Kong Institute of Construction Adjudicators
BIM Dispute Resolution



Dr. Paul H K Ho
Principal Lecturer and Former Division Head
City University of Hong Kong
Proposed BIM Contract Conditions



Dr. Christopher To
Barrister-at-law
Security of Payment Legislation and Third-party Funding of Arbitration



Mr. Andrew Lau
Asia Pacific Lead in Retro Commissioning
Jones Lang LaSalle
Contract Management for Commissioning and Energy Projects



Mr. K W Lee
Director, Infrastructure and Environment
Meinhardt
Practical Approach to Managing NEC3 ECC Priced Contracts in Hong Kong

*Programme, topics and speakers are subject to change without prior notice. The seminar will be conducted in English unless otherwise specified.

JOINTLY ORGANISED BY THE YOUNG MEMBER GROUPS OF:



Dragon Boat

As an annual practice, YSG is also recruiting paddlers for the HKIS Dragon Boat team, which will train every Sunday from March to July. A one-time enrolment fee will cover all training sessions and a uniform for competitions. Crew members should be able to have fun and take pride in representing the HKIS in races. Those who are interested in joining should immediately contact Sr Sunny Wong/Mr Paul Sze below for more details! All are welcome!

HKIS DRAGON BOAT TEAM

CALL FOR PADDLE

TRAINING: Every Sunday From March
LOCATION: Stanley Main Breach
RECRUITING: Male & Female Paddlers
FEE: HKD 350 (For Members)

For more information, kindly contact Sr. Sunny Wong /Mr. Paul Sze at 6445 2440 / 91385965 or email to Kennethwch@hkis.org.hk

We Want You

For the continued success of YSG and the HKIS, they need your support, ideas, advice, and active participation. If you are interested in joining YSG or have any enquiry, please e-mail it at ysg@hkis.org.hk or refer to its Facebook page, "HKIS Young Surveyors Group, 香港測量師學會青年組," for the latest information.

Email: ysg@hkis.org.hk
Facebook page: "HKIS Young Surveyors Group, 香港測量師學會青年組"





Sr Dr Lesly Lam
Sports and Recreation Committee Chairman

For those members who are interested in participating in various sports teams and interest groups managed by the Sports and Recreation Committee, please contact the Chairman or Donna YU at cpd@hkis.org.hk/2526 3679 to register.

HKIS Running Team at 香港渣打馬拉松, The Hong Kong Standard Chartered Marathon 2019

Team Captain: Sr Dr Lesly Lam

Many HKIS members participated in the “香港渣打馬拉松, The Hong Kong Standard Chartered Marathon 2019” on 17 February. They enjoyed every moment while saying “Hi!” and “加油!” to each other during the races. Due to the relatively good weather, many members achieved good results and “PB”. Some even achieved sub-3 professional records.

Please let me know at leslylam@hkis.org.hk if you registered for the competition and the category so that the HKIS Running Team can form a strong running team to participate in the Joint Professionals Competitions in the 10km, Half-Marathon, and Full Marathon categories. Your finish time will be used to count towards individual and team championships, as well as 1st and 2nd runners-up. We hope that the HKIS team will win many prizes among the various professional bodies.



Four fastest running surveyors in the marathon

HKIS Running Team: Construction Industry Happy Run and Carnival 2019

Team Captain: Sr Dr Lesly Lam

Earlier, the HKIS Running Team joined the Construction Industry Happy Run and Carnival 2019 on 20 January. The Institute is grateful to the CIC for providing such a good venue for construction practitioners to get together and enjoy a healthy fun day with a view to promoting healthy living and an active lifestyle in the industry.



Joint Professional Basketball Tournament 2019

Team Captains: Sr Horace Chan/Sr Jerry Li

The Joint Professional Basketball Tournament is underway. The HKIS Team has worked hard for the entire season and reached the top in matches against teams of accountants, architects, barristers, dentists, doctors, and lawyers. Let's support our teammates so that they could keep it up!



The recruitment of players is always open to all qualified members, probationers, and student members. We look forward to seeing you.

1. Fire Test and Assessment Reports (23 February 2019) (Organised by YSG and Reported by Sr Gigi Mok, YSG CPD Convener)

It was the HKIS's honour to invite Ir Dr Dominic WK Yu to share his knowledge of fire resistance and smoke control testing adopted by the Buildings Department's Code of Practice for Fire Safety in Buildings 2011 to provide general standards and basic requirements of fire tests, resolve the difficulties in reading HOKLAS fire test and fire assessment reports, and highlight some technical mistakes found in those reports.

During the seminar, members learnt that the fire test was configured a particular way and would be valid at the time of testing. Also, the test configuration could be adapted to the actual construction by accepting the fire assessment report and professional justification.

2. Agricultural Land Development in Hong Kong and Corresponding Valuation Matters (25 February 2019) (Organised by GPD and Reported by Sr Benson Lee, GPD Council Member)

Thanks go to Sr Vincent Cheung for delivering this CPD on 25 February. Vincent first provided a very comprehensive historical background on land matters in the New Territories including the production/surveying process and major contents of the Brown Crown Leases, the lot restrictions granted under various gazette notices, the implications of the Melhado Case on user restrictions in the land held under a Brown Crown Lease, the consequence for land use patterns in the New Territories, the concept of the 1972 indigenous villagers and small house policy, the 1984 Sino-British Joint Declaration, and the New Territories Leases (Extension) Ordinance (Cap 150) to extend the lease terms of land there (including New Kowloon north of Boundary Street) until 30 June 2047.

After sharing this rich historical information, Vincent shifted to the land development and acquisition aspects of the New Territories including the three-tiered development control in the New Territories context, major developers' farmland ownership distributions and the potential housing supply from converting such agricultural land, the encumbrances and risks of agricultural land, the easement/right of way available when purchasing agricultural land and its implication on land values, and the ex-gratia compensation arrangements available for land resumption and government development clearance exercises in the new towns/new development areas. Last, Vincent shared some court cases that examined if rates and government rent were payable for development sites, adverse possession, and columbaria.

This CPD attracted a full house of 180 participants. By participating in this fruitful seminar, members could recap the history of agricultural land development in Hong Kong, better understand the salient factors to consider in the course of valuation, and the hot topics related to land use in the New Territories – especially that of brownfield sites.



1. Souvenir Presentation to Ir Dr Dominic WK Yu, Principal (Structural Fire and Façade), Alpha Consulting Limited
 2. Experience-sharing by Ir Dr Yu
 3. The Captioned Event Attracts a Full House Audience

白凤英

香港测量师学会会员（工料测量组）

浅析中国政府投资工程建设项目财政评审

政府投资工程建设项目是指资金来源为政府财政预算资金或以政府资金为主导的建设项目，以非经营性、公益性项目为主，具有公益性和高关注度的特点。政府投资工程建设项目对社会投资具有引导、带动和示范性作用，对国民经济发展起著重要的推进作用。

工程建设项目具有投资规模大、实施周期长、实施过程不确定性因素多等特点，因此，必须对其工程造价进行有效的管理，才能确定项目合理和有效的投资。财政部门作为政府财政资金的管理单位，其对政府投资工程项目进行预算支出管理的方法之一就是对其工程造价的预结算进行评审，这也是政府投资项目管理的环节，是提高政府资金使用效益的重要手段，为项目顺利建设发挥著重要作用。下面结合造价咨询企业为政府财政部门提供工程造价咨询服务的实践经验，谈谈政府投资工程项目管理中工程造价预结算评审的程序、内容和方法。

一、工程建设项目财政评审的程序

根据《财政投资评审管理规定》以及工程造价咨询行业规范要求，结合财政评审工作的具体实践，我们总结工程建设项目财政评审的主要程序如下：

（一）收集项目资料，熟悉项目情况

接受财政部门的委托后，与项目实施单位沟通并收集项目资料，判断项目是否具备评审条件，如资料不齐全无法评审，则应要求实施单位补充资料后再进行评审。评审时需要收集的资料如下：

1. 项目申报书；
2. 项目实施方案；
3. 可行性研究报告及专家论证意见；
4. 工程设计施工图纸、竣工图纸、设计变更单；
5. 工程预（结）算书；
6. 批复文件以及相关部门咨询意见、鉴定报告；
7. 招投标文件、施工合同；
8. 竣工验收证明文件；
9. 实施单位财务收支账表。

在收集资料过程中要对资料的真实性、准确性、合法性和完整性进行审查，发现问题及时通知实施单位进行整改，

比如，工程洽商文件中建设单位、监理单位、设计单位、施工单位负责人签字是否齐全有效，文件签署日期是否与工程建设日期相符等等。同时通过阅读关键资料，了解项目的情况，比如项目前期审批事项、招投标情况、合同签订实质性条款、项目的工期、是否通过竣工验收等。

（二）制定评审方案

在完成项目资料收集和了解项目情况以后，需要制定评审方案，评审方案主要包括以下主要内容：

1. 项目概况：对项目实施地点、实施内容、实施的必要性以及申报金额进行简要描述；
2. 确定评审依据：评审依据包括相关政策、技术规范、计价规范；
3. 确定评审方法和评审的内容；
4. 确定评审人员及任务分工；
5. 确定评审流程、质量控制措施；
6. 制定时间计划，确定关键时间控制节点，制定应急保障措施。

（三）进行实质性评审

实质性评审包括三个阶段：一是对评审资料详细审核、工程量、价计算、勘查项目现场，出具初步评审结论；二是就初步评审结论与项目实施单位交换意见并征求委托方意见、协调解决评审过程中发现的问题；三是出具正式评审报告。

（四）项目评审成果文件归档

在完成项目评审并出具正式评审报告以后，即可按照要求进行项目评审资料及成果文件的归集整理存档。

二、工程建设项目财政评审的内容

（一）项目可行性评审

首先要审核项目实施内容是否符合财政资金支持政策，包括国家宏观经济政策和地方财政政策，比如国家层面的京津冀一体化发展政策、北京市疏解非首都功能产业的政策、北京市蓝天保卫战计划等等，在审核中要把握好对符合政策的项目给予充分支持，同时避免不符合政策项目获取财政资金的情况。

其次要对项目的建设程序的履行审批情况及审批结果有效性进行审核。其中包括项目的可行性研究报告是否得到行业主管部门批复、项目建设用地、项目建设规划是否得到主管部门批复。

(二) 项目实施内容工程量、价格的评审

项目实施内容的评审是财政评审工作的重要内容，也是工程造价咨询企业能够发挥专业优势的工作，要求造价企业参与人员严格按照建设工程造价咨询规范进行评审，出具的成果要复核《建设工程造价咨询成果文件质量标准》(CECA/GC7-2012)，并按照以下内容进行评审：

1. 对工程建设项目造价工程量合理性进行审核，按照设计图纸、实施方案计算工程项目工程量，工程量的计算严格按照《建设工程工程量清单计价规范》(GB50500-2013)及各专业工程量计算规范(GB50854-2013)。
2. 对工程建设项目造价价格的合理性进行审核，审核以市场价为标准，其中包括建设行政主管部门发布的市场指导价、相关行业协会或主流企业发布的市场指导价、审核人员市场询价等等。
3. 对工程建设项目造价中工程建设其他费进行审核，主要审核内容包括与工程建设相关的勘查设计费、监理费、前期咨询费、建设单位管理费、预备费等等。审核的依据为政府指导价或行业指导价，没有指导价的根据造价咨询企业自身建立项目指标库并结合市场情况综合确定价格。
4. 项目建设规划和内容是否存在超标准问题，比如，中央政府和地方政府都对行政机关办公用房的建设设定了标准，涉及到这些项目的建设要严格按照这些标准执行，包括建设面积和装修档次决不能超标。
5. 审核项目建设内容和设定的绩效目标相匹配，尤其是已经完成绩效评价的项目，要审查其建设方案和建设内容是否按照绩效评价结果进行了修正，对于已经完成项目进行的决算评审，还要看项目实施内容与预算批复内容是否一致，避免不符合绩效目标的项目内容获取资金。

三、工程建设项目财政评审的方法

(一) 资料审查与现场勘查相结合的方法。

工程建设项目的财政评审既要对项目资料进行详细审核，同时要对项目现场进行勘查。资料的审查是对项目的合规性、工程量、价格的准确性进行的全面审核，通过资料的审核掌握项目的总体情况，发现项目存在问题的地方，现场勘查更加深入了解项目的问题，通过沟通找出解决问题的方法。

(二) 专业造价工程师(工料测量师)审核与专家评审相结合的方法。

政府投资的工程建设项目涉及领域较多，专业复杂，政策把握要求高，专业造价工程师在一些领域难免力不从心，必须有一个强大的、专业齐全的专家团队做支撑，通过专家论证或专家评审的方式使评审结果更加科学合理。

(三) 建立咨询方、委托方和实施单位之间的沟通机制。

在评审过程中沟通非常重要，要建立顺畅的共同机制，把评审的参与方都要纳入沟通机制，发现问题要及时进行充分的沟通，权衡各方意见，避免评审结果出现片面性的问题。

Members Corner Needs Contributions from You!

Editorial Board invites articles for the Members Corner, a regular column in *Surveyors Times* for members to share their views on current topics and future trends, implications of new technologies and recent court decisions, the sharing of lessons learnt in members' professional practices, the highlights of new practice notes, the introduction of practical apps and ideas gained during members' recent gatherings with fellow professionals, good-natured and industry-related humour, etc.

An article need not be restricted to the professional practice of a surveyor, but neither is it intended to express a member's views on everything. It should connect or have implications for fellow members, be they serious thoughts on the constitution or future of the profession or simply as a gadget or trick that can benefit the day-to-day practices of surveyors. Articles should not be political or directly related to one's personal benefit for fear of litigation from individuals or organisations. The sensitivity and security of information presented also need to be borne in mind.




House rules:

- Articles should not be academic.
- Articles from the same author(s) will not be published consecutively for more than two issues within a six-month period.
- The final decision on publication or otherwise rests with the *Surveyors Times* Editorial Board.
- Page limit: 2 printed pages (maximum)
- Format: Word file via email to steditor@hkis.org.hk
- Credential: Author's name, designation (FHKIS/MHKIS, not any other*), division affiliation(s)





*For HKIS corporate members' submission only


HKIS CPD/PQSL/SOCIAL EVENTS SUMMARY

1 MAR - 25 MAY
2019

DATE	CODE	EVENT	SPEAKER(S)	ORGANISER	CPD HOUR(S)	Recognised Divisional PQSL Event	Divisional PQSL Hour(s)	Reservation Fee
1 Mar 2019	2019042	Forum on Lantau Tomorrow – Dialogue with Secretary for Development 明日大嶼論壇 (FULL)	Michael Wong	HKIA, HKILA, HKIP, HKIS, Office of the Hon Tony Tse Wai Chuen	2.0	To be determined by respective Division		Free of charge for HKIA, HKILA, HKIP, HKIS members
4 Mar 2019	2019044	Open Forum on BS APC Updates 	-	BSD	-	-	-	Free of charge for BSD members
6 Mar 2019	2019025	Heritage Impact Assessment and Case Sharing (FULL)	Y L Cheung	BSD	1.5	✓	1.5	HK\$180 - members; HK\$200 - non-members
6-11 Mar 2019	2019030	HKIS Exhibition cum Visit to Pakistan	-	HKIS	10.0	To be determined by respective Division		HK\$18,000 for HKIS member; HK\$20,000 for non-member; (Additional \$2,500 for upgrade to single room, 4 nights)
7 Mar 2019	2019040	北京區域會員活動《工程盡職調查在舊改項目中的作用》講座及晚宴 	陳國湖	HKIS	2.0	To be determined by respective Division		參加講座及 / 或晚宴的會員需要在現場每人支付 RMB 150，沒有發票
7 Mar 2019	2019055	HKU-HKIS Executive Talk Series: Reaching New Milestones of Cultural Development in Hong Kong: A Surveyor's Reflections 	William Chan	GPD, HKU	1.5	✓	1.5	Free of charge for HKIS Members
9 Mar 2019	2019029	Visit to Steel Bar Cut-and-Bend Factory (FULL)	Jason Lim, Patrick Lau	QSD	3.0	✓	3.0	HK\$240 - members (including transportation and insurance)

DATE	CODE	EVENT	SPEAKER(S)	ORGANISER	CPD HOUR(S)	Recognised Divisional PQSL Event	Divisional PQSL Hour(s)	Reservation Fee
9 Mar 2019	2019003	Glass Series (1) – Special Features and Safety Requirement of Code of Practice for Structural Use of Glass 2018 (FULL)	Dominic W K Yu	YSG	3.0	To be determined by respective Division		HK\$280 - members; HK\$350 - non-members; FOC - student members studying full time
13 Mar 2019	2019054	From QS to AS (Authorised Signatory) – What You Need to Know (FULL)	Daniel Shum	QSD, HKICM	1.5	✓	1.5	HK\$150 - members; HK\$210 - non-members
14 Mar 2019	YSG/S/201901	YSG Social Event – Make-your-own Cocktail Class	-	YSG	-	-	-	\$300 for 1 member, \$800 for 1 member and 1 non-member (2 drinks included for each participant) (1 member may only accompany max. of 1 non-member aged 18 or above)
14 Mar 2019	2019041	Social Impact Assessment Series: The Social Impacts of Blue House, 13 Streets and Social Housing New	Anthony Wong	HKIS	1.5	To be determined by respective Division		HK\$50 - members; HK\$100 - non-members
15 Mar 2019	2019019B	QSD PQSL Contract Administration Series 2019 (2) – Cost Control: An Overview from Contractor's Perspective (FULL)	Alan K H Ho	QSD	-	✓	1.5	HK\$120 - members; HK\$200 - non-members
18 Mar 2019	2019033	Curiosity and Innovation in Building Information Modelling (BIM) and Geographic Information System (GIS) New	Winnie Shiu	HKIS	1.5	To be determined by respective Division		HK\$120 - members; HK\$150 - non-members
19 Mar 2019	2019053	Rehabilitation / A & A of Old Buildings - Comprehensive Approach on Coating Knowledge (FULL)	Michelle Tsang	QSD	1.5	✓	1.5	HK\$150 - members; HK\$210 - non-members
22 Mar 2019	2019023	Building Control Compliance: Time and Cost Implications (FULL)	P F Chan	QSD	1.5	✓	1.5	HK\$120 - members; HK\$180 - non-members
23 Mar 2019	2019004	Glass Series (2) – Updated Requirement on Testing, Measurement and Quality Assurance of Code of Practice for Structural Use of Glass 2018	Dominic W K Yu	YSG	3.0	To be determined by respective Division		HK\$280 - members; HK\$350 - non-members; FOC - student members studying full time
23 Mar 2019	2019026	Guided Tour for the Exhibits in CITAC	-	BSD	1.5	✓	1.5	HK\$180 - members; HK\$200 - non-members

DATE	CODE	EVENT	SPEAKER(S)	ORGANISER	CPD HOUR(S)	Recognised Divisional PQSL Event	Divisional PQSL Hour(s)	Reservation Fee
25 Mar 2019	2019058	Smart GIS for Smart Airport 	Allan Wong	LSD	1.5	✓	1.5	HK\$120 - members; HK\$150 - non-members
26 Mar 2019	2019019G	QSD PQSL Contract Administration Series 2019 (6) – What You Need to Know in Prolongation and Acceleration Cost Claim (FULL)	Eric Ting	QSD	-	✓	1.5	HK\$120 - members; HK\$200 - non-members
29 Mar 2019	2019056	BIM & Platform Strategy for Construction (FULL)	Miranda Lui	QSD	1.5	✓	1.5	HK\$150 - members; HK\$210 - non-members
30 Mar 2019	2019032	Site Visit to Castle Peak Power Station (青山發電廠) and Black Point Power Station (龍鼓灘發電廠) (FULL)	Representatives from CLP Power Hong Kong Limited (CLP)	YSG	2.5	To be determined by respective Division		HK\$200 - members; HK\$300 - non-members (including insurance and transportation)
30 Mar 2019	2019036	QSD PQSL - QSD APC Part I Workshop (FULL)	Experienced Assessors of QSD APC	QSD, YSG	-	✓	3.0	HK\$200 - members; HK\$300 - non-members
3 Apr 2019	2019049	Case Study – Lands Tribunal Judgment on LDLR 1/2011 A Compensation Claim Based on Market Value of an Amalgamated Development Site 	Alnwick Chan, Adam Lee, Pinky Li	GPD	1.5	✓	1.5	HK\$120 - probationers, HK\$150 - members; HK\$200 - non-members
3, 8, 9 Apr 2019	QSD/S/201904	QSD Social Event – Photography Class 	-	QSD	-	-	-	\$330 for QSD member including 3 lessons (original \$680)
6 Apr 2019	2019037	QSD PQSL - QSD APC Part II Workshop (FULL)	Experienced Assessors of QSD APC	QSD, YSG	-	✓	3.0	HK\$200 - members; HK\$300 - non-members
6 Apr 2019	BSD/S/201903	BSD Social Event - The BSD Grand Cocktail	-	BSD	-	-	-	HK\$300 for BSD full member/probationer; HK\$250 for 2 or more members in single application; HK\$120 for student member
6 Apr 2019	2019043	Visit to "WEEE Park" and "EcoPark" 	Representatives from WEEE Park and EcoPark	YSG	3.0	To be determined by respective Division		HK\$350 - members; HK\$420 - non-members (including insurance and transportation)

DATE	CODE	EVENT	SPEAKER(S)	ORGANISER	CPD HOUR(S)	Recognised Divisional PQSL Event	Divisional PQSL Hour(s)	Reservation Fee
11 Apr 2019	2019046	Early Contractor Involvement (ECI) in NEC4 (FULL)	Hayman Choi	QSD, HKIA	1.5	✓	1.5	HK\$150 - members; HK\$210 - non-members
13 Apr 2019	2019005	Glass Series (3) – Design Considerations and Inspection Methodology for Curtain Wall and Façade Systems (FULL)	Dominic W K Yu	YSG	3.0	To be determined by respective Division		HK\$280 - members; HK\$350 - non-members; FOC - student members studying full time
16 Apr 2019	2019019E	QSD PQSL Contract Administration Series 2019 (4) – Report on Tenders (FULL)	Ringo Lui	QSD	-	✓	1.5	HK\$120 - members; HK\$200 - non-members
23 Apr 2019	2019045	Cost Control for Maintenance and Repair Works in Aging Buildings (FULL)	Thomas Ho	QSD	1.5	✓	1.5	HK\$150 - members; HK\$210 - non-members
27 Apr 2019	2019007	Short Course (1) - Experience Sharing on the Application of Building (Planning) Regulations	Terry K Y Ng	YSG	3.0	To be determined by respective Division		HK\$260 - members; HK\$360 - non-members; FOC - student members studying full time
6 May 2019	2019051	NEC ECC and Commercial Management (FULL)	Daniel Cheung	QSD	1.5	✓	1.5	HK\$150 - members; HK\$210 - non-members
7 May 2019	2019048	Experience Sharing in Representing a Plumbing Subcontractor in Excess Lead in Drinking Water Case and Subsequent Dispute Resolution with the Main Contractor (FULL)	K W Lee	QSD	1.5	✓	1.5	HK\$150 - members; HK\$210 - non-members
9 May 2019	2019057	Mysterious Curtain Wall - from the Contractor's Point of View (FULL)	Timmy Wong	QSD	1.5	✓	1.5	HK\$150 - members; HK\$210 - non-members
10 May 2019	2019035	Legal Issues Surrounding BIM (FULL)	Christopher To	QSD	1.5	✓	1.5	HK\$180 - members; HK\$120 - non-members
11 May 2019	2019008	Short Course (2) - Experience Sharing on the Application of Building (Planning) Regulations	Terry K Y Ng	YSG	3.0	To be determined by respective Division		HK\$260 - members; HK\$360 - non-members; FOC - student members studying full time
15 May 2019	2019052	Common Heads of Claims for Construction Prolongation (FULL)	Eric Y C Ting	QSD	1.5	✓	1.5	HK\$150 - members; HK\$210 - non-members
16 May 2019	2019039	Blockchain and Land Registration 	Anthony Leung	LSD	1.5	✓	1.5	HK\$120 - members; HK\$150 - non-members

DATE	CODE	EVENT	SPEAKER(S)	ORGANISER	CPD HOUR(S)	Recognised Divisional PQSL Event	Divisional PQSL Hour(s)	Reservation Fee
18 May 2019	2019009	Short Course (3) - Experience Sharing on the Application of Building (Planning) Regulations	Terry K Y Ng	YSG	3.0	To be determined by respective Division		HK\$260 - members; HK\$360 - non-members; FOC - student members studying full time
25 May 2019	2019010	Short Course (4) - Experience Sharing on the Application of Building (Planning) Regulations	Terry K Y Ng	YSG	3.0	To be determined by respective Division		HK\$260 - members; HK\$360 - non-members; FOC - student members studying full time

(1) "Recognised Divisional PQSL Event" and "Divisional PQSL Hours": Applicable to the APC candidates (i.e. Probationers, Student Members & Associate Members) of the respective Divisions.

(2) "CPD Hours": Applicable to all Corporate Members and Associate Members across the 6 Divisions.

(3) "Recognised Divisional PQSL Event" is a PQSL Event that is recognised by the respective Division. Whether the event could be accepted as the PQSL event for other Division's APC scheme or not shall be determined by the APC candidate's respective Division.

(4) A CPD event may be recognised as a PQSL event when it is so indicated under the "Recognised Divisional PQSL Event" column. APC candidates may register for the event and obtain the PQSL hours for the APC scheme of the respective Division.

Please use the CPD RESERVATION FORM overleaf for registration. For enquiries, please email cpdreg@hkis.org.hk or call the Secretariat at 2526 3679.



For details of the CPD events, please refer to the HKIS Website at https://www.hkis.org.hk/en/professional_cpd.html or use the QR code provided.

GASOLINE

CALTEX STARCARD

From 1 January 2017, HKIS members and also their family members, who have never applied Star Card OR Star Card holders who had no transaction record in the past six months, can enjoy an attractive discount of **HK\$2.3 per litre in gasoline** and **HK\$4.9 per litre in diesel** purchase every day. Terms and conditions apply. For enquiries, please call Mr Joe Ng of Ming Xing Investment at **2116 5407**.

ESSO FLEET CARD

From 1 June 2018, HKIS members can enjoy the privileged discounts of **HK\$2.5 per litre for petrol** and **HK\$5.4 per litre for diesel** purchases on credit for successful applicants and existing customers of Ace Way Company. Terms and Conditions apply. For enquiries, please contact Ace Way Company at **8100 3998**.

ESSO DISCOUNT CARD

From 1 April 2017, HKIS members can enjoy the privileged instant discount of **HK\$1.7 per litre for petrol** purchase for successful applicants and existing customers of Ace Way Company. Upon purchase, net payment is settled by cash or credit card at Esso Service Station. Terms and Conditions apply. For enquiries, please contact Ace Way Company at **8100 3998**.

SHELL CARD

From 1 July 2018, the discount is **HK\$2.20 per litre** for gasoline for all successful application of the Shell Card. For enquiries, please call Mr Alex Au of Kingsway Concept Ltd. at **2541 1828**.

OTHERS

UP TO 50% OFF DINING

Renaissance Harbour View Hotel is providing a special offer for dining at their restaurants (e.g. **Cafe Renaissance: up to 30% off for buffet, Mirage: 50% off for happy hour, Dynasty Chinese Restaurant: complementary dessert**) and birthday offer to HKIS members. The offer will start on 1 February 2019 and last until 28 February 2019. Reservations are required and your membership card or HKIS American Express or HKIS & Shanghai Commercial Bank Limited co-brand Credit Card must be presented when you arrive at the restaurant. For more offer details, please refer to the HKIS website.

UP TO 20% OFF DINING

HKIS members can enjoy **10% discount** on Lunch Menu and **20% discount** on Dinner Menu or A La Carte Menu at **New Life Social Enterprise Restaurant** in Wan Chai. Privilege lasts until 31 December 2019. Please refer to HKIS website for more details.

UP TO 18% OFF DINING

The Royal Plaza Hotel is providing a special offer for dining at their restaurants, bar and cake shop (including **Di King Heen, La Scala, and Lion Rock**) to HKIS members. The offer will start on 2 January 2019 and last until 14 December 2019. Reservations are required and your membership card or HKIS American Express or HKIS & Shanghai Commercial Bank Limited co-brand Credit Card must be presented when you arrive at the restaurant. For promotion details, please visit HKIS website.

10% OFF CHORAL CONCERT TICKET

The Hong Kong Bach Choir presents a wide repertoire, from the Renaissance to World Premieres, while concentrating on music of the Baroque, Classical and Romantic periods. As a caring organisation, the HKIS is working with HK Bach Choir to promote performing arts in Hong Kong. Members of the HKIS can enjoy a **10% discount** on HK Bach Choir programmes by showing your membership card at URBIX outlets. For more information, please visit <http://www.bachchoir.org.hk>.

38%/35% OFF HEALTH CHECK PLAN

Health check-up packages are offered to all holders of HKIS membership cards by **Union Hospital** at a privilege offer of **HK\$3,280 for male and HK\$4,180 for female**. Plan is inclusive of physical examination and medical history; medical report with comment and consultations with two doctors; complete blood count; diabetic screening; lipid profile; hepatitis profile B; liver function test; renal function test; gout screening; urinalysis; stool & occult blood; resting ECG. Plan for male also includes PSA, chest x-ray, and kidneys, ureter & bladder x-ray, while plan for women includes thyroid screening, pelvic examination including pap smear, and mammogram/ breast ultrasound. Privilege lasts until 31 December 2019.

Advance booking is required for the above offers. For booking and enquiry, please call **2608 3170** (Union Hospital) / **2986 1111** (Tsim Sha Tsui Health Centre).

Free subscription Magazine

Building Journal, published monthly since 1973, is offering a **12-month FREE e-version subscription** through its online portal, www.building.hk, especially to HKIS members for online viewing. Together, the printed and e-version copies of Building Journal enjoy a combined monthly readership exceeding 500,000 around the world. Please refer to the Free Subscription Form on the HKIS website for detailed information.

UP TO 74% OFF HEALTH CHECK PLAN with FREE gift

From now until 31 December 2019, **health.ESDlife** offers 1) **5% off** on over 430+ health check plans on eshop (Discount code: HKIS2019). For Royal Comprehensive Plan (2 person), HKIS members can enjoy up to **74% off** (value: \$20,220; average \$2,556/per person; HKIS discounted price: \$5,111). The plan consists of 93 checkup items including 3 ultrasound and 2 tumor markers with \$600 **FREE** Park'n'Shop Coupon. More gifts like Dyson product and Nintendo Switch are available on selected plans. For purchase and details, please visit health.esdlife.com/hkis. For enquiry, please call **3151 2244**.

10% OFF BOOK AND STATIONERY

Enjoy **10% discount** on regular priced books and stationery (sales items excepted) at **Cosmos Books Ltd** upon presentation of original HKIS membership cards or HKIS American Express or HKIS & Shanghai Commercial Bank Limited co-brand Credit Card at all outlets of Cosmos Book Ltd. Privilege lasts until 31 December 2019.

UP TO 30% OFF Shopping & Dining

Enjoy up to **30% discount** at Lee Gardens Shopping Area (Hysan Place, Lee Garden One to Six, Lee Theatre and Leighton) upon joining **Lee Gardens Plus!**

Special offers include: **30% discount** at ESPRIT/ **20% discount** at MM AVEDA/ **15% discount** at i.t blue block, Paradise Dynasty/ **12% discount** at HABITU table/ **10% discount** at sen-ryo, Seasons/ **5% discount** at Jasons • Food & Living and others. Download the Lee Gardens App now at <https://goo.gl/k7R8Ry> for registration (please enter referral code: MKT) and discover all these privileges!

UP TO 15% OFF ROOM ACCOMMODATION

Enjoy up to **15% discount** from Hyatt.com rate by booking **Grand Hyatt Hong Kong's** newest guestrooms in town. The latest design blends traditional and modern elements in an elegant and residential style, anchored by a sense of Hong Kong's oriental heritage and contemporary outlook. Please visit <http://hongkong.grand.hyatt.com/en/hotel/home.html> and enter corporate ID CR28170 to make your booking online or call Reservations on **+852 2584 7038/86 512 5500 1234**. A valid HKIS membership card or HKIS American Express or HKIS & Shanghai Commercial Bank Limited co-brand Credit Card is required to be presented upon check-in. Offer lasts until 31 December 2019, subject to availability.

UP TO 25% OFF INSURANCE

HKIS members can enjoy special offers from **Zurich Insurance** including travel insurance (**single trip plan, 25% off**), **medical plan (up to 15% off)**, **home protection plan (15% off)**, etc.

Simply provide your HKIS membership number to enjoy these offers upon successful enrollment. For enquiries or product information, please call **2903 9393** or visit zurichcare.com.hk/surveyor.

Special Offer INSURANCE

From now until 30 June 2019, HKIS members and their families can enjoy the **special offers from Prudential General Insurance HK, Ltd** including travel insurance, home insurance, home landlord insurance, maid insurance, etc. For further promotional details, please visit HKIS website

Free subscription Magazine

Construction+ is a new bimonthly magazine that seeks to present extensive, in-depth B2B insights and updates from the industry, for the industry. It highlights China, Hong Kong & Macau's architectural, construction and design developments, and their contributions to the local construction landscapes. HKIS members can enjoy **complimentary copies** of Construction+ Magazine. Please visit HKIS website for more details.

15% OFF WEIGHT REDUCTION PLAN

MSL Nutritional Diet Centre aims to help the general public prevent diet-related chronic diseases and improve longevity through healthy eating and lifestyles. From now until 31 December 2019, HKIS members can enjoy its exclusive offers, including a **free "Wealth & Health Assessment"** (original price: \$188), **15% off** to join its "Weight Reduction Plan" and a **free** session of "Tummy Exercise Class".

An advance booking is required. For more information, please call **2526 0888** or visit www.mslhk.com.

UP TO 28% OFF ROOM ACCOMMODATION

From now until 31 December 2019, HKIS members who book guest rooms directly at the **Royal Plaza Hotel** can enjoy up to **28% off** its Best Available Rate with instant confirmation. Simply click on the hotel's website at www.royalplaza.com.hk and enter your username as hkismembers. The password is THE482.

For enquiries, please contact Ms Jennifer Wong at **2622 6218/ 6117 7800** or jenniferwong@royalplaza.com.hk.

10% OFF DINING

FRITES restaurants is offering a **10% discount** to HKIS members (for the whole table, excl. event packages), a free bottle of wine during your birthday month, loyalty point programme and exclusive promotions throughout the year etc. For more details, please visit HKIS website.

29% OFF BOAT LICENSE COURSE

From now until 31 December 2019, **A & M Boating Limited** is offering a special course discount for boat license to all HKIS members. The total course fee is **HK\$2,400** (Original course fee: **HK\$3,400**). For further course details, please visit www.amboating.com, or call **2891 3220** or email to info@amboating.com.

15% OFF WINE SHOPPING

Wine etc is providing a **15% discount** offer to HKIS members for buying wine at its retail shops (Pedder Building, Entertainment Building, and Happy Valley). The offer will be valid from now until 31 December 2019. HKIS members can also enjoy a special **buy-one-get-one-free** offer on DELAMOTTE champagne on the months of their birthdays.

Please check Wine etc's website for more details: <http://www.etcwineshops.com/>.

10% OFF DRIVING COURSE

From now until 31 December 2019, HKIS members can enjoy **10% discount** on specified driving training course from **Lee Kin Driving School Ltd**. Simply provide your HKIS membership number to enjoy these offers upon successful enrollment. For enquiries or course detail information, please call **9022 6699** or visit leekin.com.hk.

15% OFF PROFESSIONAL COURSE

HKIS members can enjoy a **15% discount** on fees of professional courses (except some programmes) of **OUIK's Li Ka Shing Institute of Professional and Continuing Education** under the Non-Profit Making Organisations Study Support Scheme (NMOSSS). Please refer to the HKIS website for details.

10% OFF FOOTBALL SHIRT

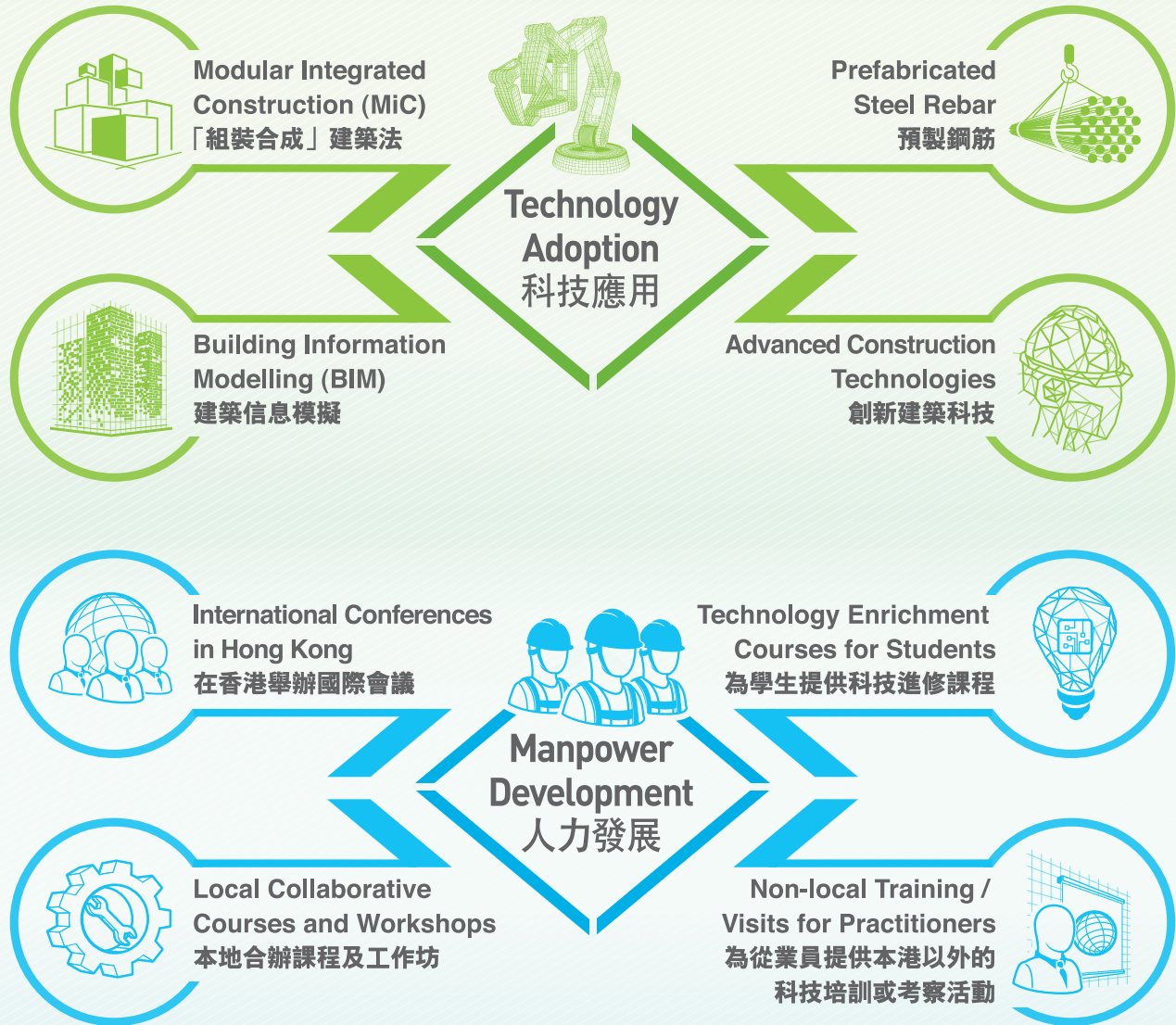
Kitroom Sports is providing an exclusive offer to members buying football shirts. Simply show your membership card to enjoy a **10% discount** in Hong Kong and Macau branches. For details of the shop, please go to <http://www.kitroomsports.com/>.

Note: The HKIS will not be privy to any contracts between the HKIS members and the agency concerned. We will not be responsible for the administration of or the consequences arising from these contracts, including any personal data that HKIS members may agree to provide to the agency. No liability of any kind will be borne by the HKIS. All business transactions made under the membership benefits of HKIS are strictly between the merchant and HKIS members. The HKIS will not be involved in any complaints made by any party in any business transaction. All enquiries should be made to merchants directly. For more details about members' privileges, please refer to the HKIS website at http://www.hkis.org.hk/en/members_corner_welfare.php.



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建造業議會

關注自閉症大行動 2019 Autism Awareness Actions 2019

鄭欣宜小姐
行動大使

傑仔及媽媽
受惠家庭

麥心明小姐
APF行為治療師



藍服日

公眾講座

藍燈夜

電影播放

聯合國將4月2日訂為「世界關注自閉症日」，愛培自閉症基金在4月舉辦「關注自閉症大行動」，旨在加強香港市民對自閉症的認識和接納自閉症人士。

有關活動詳情，請瀏覽網頁：www.autismawareness.org.hk

Credit: Dubai Autism Center

支持機構 Supporting Partners:

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