

AGENDA

1. To receive and confirm the minutes of the 43rd Annual General Meeting. (Attachment 1)
2. To receive and adopt the Annual Report of the Division for Session 2023/2024. (Attachment 2)
3. To receive and adopt the Financial Statement of the Division for Session 2023/2024. (to be presented at the AGM)
4. To elect the Chairman, Ordinary Members and Council Member of the Division Committee for Session 2024/2025. (Attachment 3)
5. Any other business.



*Ir Roy HUNG
Honorary Secretary
Geotechnical Division
6 May 2024*

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Annual Report for Session 2023/2024

The 43rd Annual General Meeting (AGM) was held on 15 May 2023, 6 pm at the HKIE Headquarters, 9/F Island Beverley, No. 1 Great George Street, Causeway Bay, Hong Kong with an attendance exceeding the quorum of 50.

1. Minutes of the 42nd Annual General Meeting

The minutes of the 42nd Annual General Meeting, held on 12 July 2022, were circulated to all members of the Division prior to the meeting by posting on the Geotechnical Division website. There were no questions from the Floor on the minutes.

MOTION: Moved by Ir Tony Ho and seconded by Ir Chris Lee to approve the minutes of the 42nd AGM. The motion was carried with a unanimous vote by a show of hands.

2. Annual Report for Session 2022/2023

The Annual Report for Session 2022/2023 was circulated to all members of the Division prior to the meeting by posting on the Geotechnical Division website. The Chairman, Ir Dr Johnny Cheuk, gave a presentation highlighting the major activities and events organised by the Division during the Session, including technical meetings and visits, workshops and seminars, prizes and awards, sponsorships, scholarships, community services and overseas links. There were no questions from the Floor on the Annual Report.

MOTION: Moved by Ir Dr Gavin Toh and seconded by Ir Terence Yau to adopt the Annual Report for Session 2022/2023. The motion was carried with a unanimous vote by a show of hands.

3. Financial Statement for Session 2022/2023

The Financial Statement for Session 2022/2023 was circulated to all members of the Division prior to the meeting by posting on the Geotechnical Division website. The Honorary Treasurer Ir Clifford Phung provided a brief summary on the Financial Statement. It was noted that the finance of the Division would remain healthy at the end of the Session. There were no questions from the Floor on the Financial Statement.

MOTION: Moved by Ir Y C Lam and seconded by Ir Ray Chan adopt the Financial Statement for Session 2022/2023. The motion was carried with a unanimous vote by a show of hands.

4. Election of the Chairman and Ordinary Members of the Division Committee for Session 2023/2024

4.1 The outgoing Division Committee had nominated Ir Dr Gavin Toh of Lambeth for the Chairman of Session 2023/2024. There had been no other nominations received.

MOTION: Moved by Ir Kelvin Choi and seconded by Ir Warren Dou to elect Ir Dr Gavin Toh as the Chairman of the Division for Session 2023/2024. The motion was carried with a unanimous vote by a show of hands.

4.2 The outgoing Division Committee had nominated the following members to fill the six vacancies of Ordinary Members for Session 2022/2023:

Ir Regis Chee	GEO
Ir Warren Dou	CRBC
Ir Kenneth Lai	Housing Department
Ir Alvin Lam	Arup

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1. Chairman's Statement

The HKIE Geotechnical Division (GD) continues to focus on raising the professionalism of geotechnical engineers through fostering local, international and Mainland collaboration and knowledge sharing.

With the Mainland, GD together with PolyU organized a series of reclamation technical visits and seminars. A knowledge sharing and visit co-organized with 廣東省岩土力學與工程學會 was completed on 11-12 November 2023, and the trip included visits to reclamation projects in Nansha and Zhuhai, Guangzhou. This was followed by the reclamation seminar in Hong Kong on 26 January 2024 with speakers from Mainland, Japan, Singapore, and Hong Kong. A technical visit to reclamation works in Shanghai and Tianjin will be held on 10-13 May 2024 in collaboration with 中國疏浚國家研究中心，中交海洋建設開發有限公司(天津經濟技術開發區)，及天津大學。

The annual Tripartite Seminar was held in Taipei on 1 November 2023. Speakers from GD, Institution of Engineers Malaysia (IEM), and Chinese Institute of Engineers (CIE) covered the topic on “Crossover Technologies in Geotechnical Engineering.”

HKIE organized a Chairman of the HKIE Branch Delegation to Hangzhou/Shanghai on 17-20 November 2023, with the objective to gain in-depth understanding of the latest developments in urban development, innovation, and technology in East China. On behalf of GD, I had the opportunity to share and promote GD's work at 同濟大學 (Tongji University) and 上海市科協 (Shanghai Association for Science and Technology).

With the international front, GD has organized a technical visit to Sydney, Australia from 29 April to 3 May 2024. The visit aims at enriching Hong Kong engineers' knowledge on global practices in developing a liveable, sustainable, and smart city. Visits to the construction sites will open an opportunity to observe some advanced methods of construction and application of smart technology.

The 29th Annual Dinner was held on 22 February 2024 with a theme of “Innovate to Elevate.” We were honoured to have an unprecedented turnout at the dinner – close to 500 guests! With the same purpose, the theme of the 44th Annual Seminar “Elevating Geotechnical Excellence: Novel Practices & Innovative Solutions” aims to elevate the professionalism of geotechnical engineers through innovation. The Annual Seminar will be held on 31 May 2024.

The Task Force on Soil Test Videos commenced in this Session is to develop a series of videos on the topic of soil tests commonly adopted in Hong Kong. The videos aim to equip engineers with the fundamental understanding of different types of soil test and their engineering applications. Here, I must thank Prof Philip Chung, Prof Richard Pang, colleagues of CEDD's Public Works Laboratories, and nine young engineers, for their energy and passion in the production of these videos that will be premiered in the Annual Seminar 2024.

It has been my honour to work with the GD Committee members not only in this Session but over the past few years. I am grateful for their dedication in the monthly technical visits and Geotechnical Pioneer Series workshops, special evening lectures, and the Geotechnical Paper Award 2024. The sponsorship scheme, technical book prize and the annual geotechnical prizes such as the AECOM Prize, Fugro Prize, Ringo Yu Prize and the LPM Contractors Scholarship continued to receive good responses from students and practitioners. It has been inspiring to

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collaborate with the young members of the Young Geotechnical Club. My heartfelt gratitude to all of them.

A handwritten signature in black ink, appearing to read 'Gavin S H Toh', written in a cursive style.

Ir Dr Gavin S H Toh
Chairman
Geotechnical Division (Session 2023/2024)

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2. Membership

As at 2 April 2024, the Geotechnical Division (GD) has a membership of 4,801, including 269 Fellows, 3,591 Corporate Members and 771 Graduate Members. There are also 55 Associate Members, 93 Student Members, and 22 Affiliate Members.

Appendix A presents the list of GD committee members, organising committees and task forces for Session 2023/2024.

3. Financial Highlights

The GD began the financial year with a healthy balance of HKD1,356,372 (as at 31 March 2023) from Session 2022/2023. For the financial year from 1 April 2023 to 31 March 2024, the Division recorded an overall deficit of HKD355,349.

In this Session incomes were contributed from TCP T3 Top-up Course, Workshops on Geotechnical Engineering on various topics and Annual Seminar, whereas expenses were mainly associated with the technical overseas visit, local technical meetings, video production, the HKIE GD website enhancement, sponsorships for attending overseas conferences, HKIE Engineers Week, and awards for local universities. Full details of the 2023/2024 “End of Year Account” will be available for inspection shortly after audit.

It is expected that a healthy accumulated fund of HKD1,001,022 would be carried forward to next Session 2024/2025.

4. Technical Meetings, Workshops, Seminars

As a new norm in the post-pandemic era, technical meetings, workshops and seminars have been organized physically or virtually via webinars, hybridinars and online learning platforms. The details are presented in **Appendix B** and the major ones are highlighted below.

4.1 44th Annual Seminar - Elevating Geotechnical Excellence: Novel Practices and Innovative Solutions

The 44th Annual Seminar will be held on 31 May 2024. The keynote speakers are Mr C M Wong of C M Wong & Associates Ltd. and Prof. Charles Ng of the Hong Kong University of Science and Technology. The one-day Seminar will feature a host of physical presentations, with more than 30 papers to be published in the proceedings.

4.2 Workshops on Geotechnical Engineering

The Division has organised a series of workshops targeting young engineers and industry practitioners with an interest in geotechnical works. The workshops are listed below:

1. e-Workshop on Soil Mechanics - Part I: Soil Shear Strength on 26 August 2023;
2. e-Workshop on Soil Mechanics - Part II: Soil Compressibility and Stiffness on 9 September 2023;
3. Workshop on Soil Mechanics - Part III: Soil and Geotechnical Modelling on 7 October 2023;
4. Workshop on Shaping Hong Kong's Future through Rock Cavern Development on 28 October 2023;
5. e-Workshop on Rock Mechanics - Part I: Engineering Properties and Parameters of Rock on 18 November 2023
6. Workshop on Quality Supervision of Soil Nail Construction on 2 December 2023
7. e-Workshop on Rock Mechanics - Part II: Analysis and Design of Underground Openings in Rock on 16 December 2023

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8. Workshop on Excavations and Lateral Support (ELS) – Part I: Earth Pressure Theory and Failure Mechanisms of Earth Retaining Systems on 24 February 2024
9. e-Workshop on Excavations and Lateral Support (ELS) – Part II: Safe ELS Work - From Planning, Design, to Construction on 13 April 2024 ; and
10. Workshop on Discovery Series: Becoming an Engineer X Geologist 2024 做個工程師 X 地質師 on 4 May 2024.

4.3 Top-up Courses for TCP T3 on Ground Investigation Field Works (GIFW) and Building Works with Significant Geotechnical Content

A top-up course with a series of lectures and an examination for TCP T3 on GIFW and Building Works with Significant Geotechnical Content was held from 9 April to 4 May 2024. The course aims to equip graduate engineers, geologists and technical inspection supervisors with essential geotechnical knowledge that is needed for those with less than 2 years of relevant experience in order to be qualified as TCP T3 in accordance with the Code of Practice for Site Supervision 2009 issued by the Buildings Department. The course has been one of the most favourable events of GD reflecting the strong demand in the market.

5. Technical Visits

Technical site visits were organised for participants to acquire the latest good practice in various civil, geotechnical, infrastructural, and building development projects. **Appendix C** provides a list of technical site visits organised in Session 2023/2024.

6. Prizes, Awards and Sponsorships

6.1 AECOM Prizes

AECOM Prize for Best Students of the Year is awarded to engineering students attaining good performance in geotechnical subjects at local universities that offer eligible undergraduate degree courses accredited by the HKIE for Scheme “A” training in the geotechnical discipline. The prize awardees are as follows:

Awardee	University
LIM Jewel Xin Wei	The Hong Kong Polytechnic University
CHAN Kin Yan	The Hong Kong University of Science and Technology
LEUNG Chun Hei	The University of Hong Kong

AECOM Prize for Best Final-Year Geotechnical Projects is awarded to students at local universities to recognise their excellent performance in the final year geotechnical projects so as to encourage them to keep up their effort to improve the local engineering practices in their future careers. The judging panellists are Ir Ray Chan, Ir Y C Lam and Ir Dr Louis Wong. The prize awardees are as follows:

Award	Awardee	University
Winner	HUI Ching Kit	The University of Hong Kong
1 st Runner-up	MUHAMMAD, Kamran	The Hong Kong University of Science and Technology
2 nd Runner-up	YUEN Ho Kiu	The University of Hong Kong

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6.2 Fugro Prize

The Fugro Prize is awarded to young members of the HKIE to recognise their geotechnical study, research or project work with significant contributions to the advancement of the geotechnical practice in Hong Kong. The judging panellists are Ir Ray Chan, Ir Alvin Lam and Ir Y C Lam. The final competition was held on 21 March 2024 via Zoom, during which the authors of shortlisted papers were invited to make an online presentation in front of the judging panel and the audience. The prize awardees are as follows:

Award	Awardee	Affiliation	Title of Paper
Winner	Anthony Wong	AECOM	A Novel Application of Deep Cement Mixing as Earth Retention
1 st Runner-up	PAN Yu & CHEN Wen-Bo	PolyU	Experimental investigation on the combined PHD-PVD vacuum preloading method for treatment of clayey slurry
2 nd Runner-up	LI Peng-lin & SONG Ding-bao	PolyU	Experimental investigation of nonuniform consolidation behavior of clay slurry with prefabricated horizontal drain

6.3 Ringo Yu Prize for Best PhD Theses in Geotechnical Study

With the support of Ir Ringo Yu, the GD has launched the Ringo Yu Prize for Best PhD Theses in Geotechnical Studies since Session 2018/2019. The prize aims to commend the best PhD theses in geotechnical engineering in Hong Kong. A prize of HK\$8,000 is awarded to a PhD graduate with thesis of outstanding quality from each local university offering PhD degree in geotechnical studies. The university nominated prize awardees are as follows:

Awardee	University
Dr TANG Xiaojie	The University of Hong Kong
Dr ZHOU Yimeng	The University of Hong Kong
Dr LIU Jianbin	The Hong Kong University of Science and Technology
Dr CUI Sheqiang	The Hong Kong Polytechnic University
Dr REN Jing	The City University of Hong Kong

6.4 LPM Contractors Scholarship Scheme

The LPM Contractors Scholarship aims to provide financial assistance and encouragement to undergraduate students to pursue studies in geotechnical engineering. A selection panel consisting of DH(LPM) Ir Thomas Hui, Ir Dr Gavin Toh and Ir Victon Wong was formed to review the applications received from the local universities and to recommend awards. One awardee has been selected from each university as follows:

Awardee	University
SHAKHIN Omarfarukh	The City University of Hong Kong
CAI Weizhong	The Hong Kong Polytechnic University
LI Sau Long, Edwin	The Hong Kong University of Science and Technology
CHU Chun Ching, Jasmine	The University of Hong Kong

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6.5 Technical Book Prizes

Technical Book Prizes are awarded to young engineers who prepare high standard technical reports on technical meetings or technical visits organised by the GD, so as to encourage participation in the GD events and promote practice of report writing. The prize awardees are as follows:

Awardee	Technical Report
Ms NG Ka Wing, Hammie	Technical Visit to Hong Kong – Shenzhen Innovation and Technology Park at Lok Ma Chau Loop
Mr KWANG Ho Yan, Edwin	Technical Visit to CityU Student Hostel Project in Whitehead, Ma On Shan
Mr Willis LI	Technical Visit to Kai Tak Development – Stage 5B Infrastructure Works
Ms FOK Ming Ching, Rachel	Technical Visit to Central Kowloon Route – Kai Tak West
Mr YIU Wing Ho	Technical Visit to Reclamation Projects in Nansha (Guangzhou) and Zhuhai, Guangdong
Ir Dr Dazhong LI	Technical Visit to Boardwalk underneath Island Eastern Corridor
Ms NG Ka Wing	Technical Visit to Site Formation Works at Tseung Kwan O Yau Tue Wan
Mr KWANG Ho Yan, Edwin	Technical Visit to Site Formation Works at Anderson Road ex-Quarry Site

6.6 Sponsorship Scheme

This sponsorship scheme offers young engineers to attend international conferences physically or virtually to broaden their horizon and share their lessons learned from the attended conferences with other engineers. Applications for sponsorship were assessed by Ir Ray Chan and Dr Louis Wong. The sponsorship awarded is as follows:

Awardee	Amount	Conference
Saad Ali Faizi	HK\$ 10,000	The Associated Research Centre for Urban Underground Space (ACUUS) 2023 Conference, Singapore, 1 – 4 November, 2023
Daniel Ho	HK\$ 10,000	
Roy Hung	HK\$ 10,000	

6.7 Geotechnical Papers Award 2024

The GD established the HKIE Geotechnical Paper Award scheme to encourage quality geotechnical publications targeted at practicing engineers in Hong Kong. The award exercise is held once every two years. Further details of the scheme and winning papers of the first three award exercises are available at <https://hkied.org/public/geotechnical-paper-award>.

A total of 10 nominated papers were received for the 2024 Award. The winning papers are:

Te Xiao, Li Min Zhang, Raymond Wai Man Cheung, and Suzanne Lacasse (2023). Predicting spatio-temporal man-made slope failures induced by rainfall in Hong Kong Using Machine Learning Techniques. *Geotechnique*

Aslan S. Hokmabadi, Jack W. Pappin, and Erin H.Y. Leung (2019). Soil inertial factors for seismic bearing capacity. *Geotechnical Engineering, Proceedings of the Institution of Civil Engineers*.

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7. Overseas Links

7.1 HKIE-IEM-CIE Tripartite Seminar

The Tripartite Seminar is an annual event jointly organised by the respective geotechnical divisions of the Hong Kong Institution of Engineers (HKIE), the Institution of Engineers, Malaysia (IEM) and the Chinese Institute of Engineers (CIE, Taiwan). The 2023 Tripartite Seminar was held in Taipei on 31 October to 1 November in face-to-face mode. Four papers were presented remotely by the following HKIE Geotechnical Division delegates:

- Ir Dr Gavin S H Toh - Digitalisation, Modularisation and Sensors Application of a Deep Excavation Project in Urban District of Hong Kong
- Mr Dennis Wong – A BIM-Integrated Ground Modelling Approach for Fast-Paced Infrastructure Projects: A Case Study from Siu Ho Wan Depot Property Development
- Ir David Mak – Integration of BIM and Other Innovative Technologies to Enhance the Sustainable Design of Geotechnical Works
- Ir Stephen Mak – Integrated Use of GNSS and InSAR Techniques for Movement Monitoring under Trunk Road T2 and Cha Kwo Ling Tunnel

The next Tripartite Seminar would be held in Hong Kong in December 2024.

8. Working Groups

8.1 Geotechnical Pioneer

This working group was formed in 2019 with the aim of fostering our young members' interest and capability to advance their career in geotechnical engineering. Led by Ir Dr Clarence Choi, the Geotechnical Pioneer working group proactively organized various events to help the members get prepared for the HKIE Professional Assessment.

This year, the working group had organized seven online workshops on various topics in geotechnical engineering. The events were welcomed by members with overwhelming applications received. The working group will continue to explore new initiatives to motivate our young generation to join the geotechnical community with the long-term goal of maintaining a strong and sustained geotechnical workforce to serve the industry.

8.2 Young Geotechnical Club

The Young Geotechnical Club (YGC) is led by a group of young professionals under the age of 35. The objective of the group is to provide a platform for young professionals to expand their network and enrich their career development in the geotechnical field. The group also plays a supporting role to the operation of HKIE GD.

The YGC organised the following signature activities in Session 2023/2024, which target different groups of audience:

1. A Joint Young Professional's Think Deep Workshop "From Nature's Depths to Urban Heights: Shaping Hong Kong's Future through Rock Cavern Development", co-organised with Young Members Committee of the Association of Consulting Engineers of Hong Kong (ACEHK YMC) and The Hong Kong Institute of Planners Young Planners Group (HKIP YPG) was held on 28 October

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2023 with over 40 young professionals from a wide variety of background. The event aimed at fostering collaboration between planners and engineers in the context of cavern development. Mr David Lam, the Under Secretary for Development, and Ir Dr Raymond Cheung, the Head of the Geotechnical Engineering Office, were invited as the Guests of Honor for the event. Esteemed industrial experts and professionals in tunnel/cavern engineering, engineering geology and urban planning formed a honorary judging panel and groups of facilitators, providing invaluable insights and advice for the participants.

2. A seminar “ACEHK YMC x HKIE GD YGC x ICE HKA G&S: Joint Mediation workshop on construction disputes” was held on 18 September 2023. The event was co-organised with the Institution of Civil Engineers Hong Kong Association Graduate & Student Division (ICE HKA G&S) and the Young Members Committee of the Association of Consulting Engineers of Hong Kong (ACEHK YMC). The event received over 120 participants from different engineering backgrounds. The event aimed at promoting mediation in the construction industry in resolving disputes.

3. A career workshop “Discovery Series: Becoming an Engineer x Geologists” was held for Form 3 to Form 4 students on 4 May 2024. The event was co-organised with The Geological Society Hong Kong Regional Group (GS HKRG), which includes a visit to the Community Liaison Centre (CLC) of Central Kowloon Route followed by a visit to three civil/geotechnical engineering laboratories at The Hong Kong Polytechnic University. The event aimed at introducing senior secondary school students to geotechnical engineering and earth sciences, for assisting them in further career planning.

The group will continue to organise a diversity of activities, promote the YGC and the profession of geotechnical engineering and help our young engineers to build their network from the early stage of their career. The group will also continue to maintain the helper group from young graduates to support other technical activities organised by the GDC.

8.3 Working Group on Knowledge Management

Working Group on Knowledge Management was established in this session to (i) select and share suitable technical materials, e.g. seminar presentation slides, on the GD website (led by Ir Marion Kan and Ir Kelvin Choi); and (ii) to produce short videos on geotechnical works (e.g. reclamation, cavern development, etc.) that are of interest to the public (led by Ir Victor Wong). Both objectives are to disseminate geotechnical knowledge to the wider geotechnical fraternity and to explicate engineering knowledge to the public in layman’s terms. The short video on reclamation will be released in this session. The short video on cavern development is under preparation and will be ready in late 2024.

8.4 Task Force on Soil Test Videos

The Task Force on Soil Test Videos was established to develop a series of videos on the topic of soil tests commonly adopted in Hong Kong. These videos will feature and present local practices and test procedures as stipulated in the GEO publication GEOSPEC 3 - Model Specification for Soil Testing. The key purpose of these videos is to equip young engineers, university students and local practitioners in the civil and geotechnical engineering sector of Hong Kong with fundamental and essential understanding of these soil tests.

The highlights from the series of nine soil test videos will be premiered in the Annual Seminar 2024 to be held on 31 May 2024, followed by the official launch in mid of 2024.

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9. Annual Dinner

The HKIE Geotechnical Division's 29th Annual Dinner was held successfully at Ballroom of JW Marriott Hotel Hong Kong on 22 February 2024. With the theme "Innovate to Elevate", the evening was filled with inspiration and celebration of remarkable accomplishments. We were honoured to have Mr Nixon Chau, the Managing Director and General Manager of Sense Time Hong Kong, as our esteemed Guest of Honour and his presence added immense value to the event. The dinner brought together approximately 480 guests including members, distinguished guests, and local dignitaries, marking the highest attendances. It served as an excellent platform for networking and fostering connections within the industry.

10. Hong Kong Geotechnical Society

The Hong Kong Geotechnical Society (HKGES) was established in 2003, to serve as a 'foreign' office of the HKIE Geotechnical Division, connecting members to the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE). The ISSMGE is the leading professional body representing the interests and activities of engineers, academics and contractors all over the world that actively participate in geotechnical engineering.

In Session 2023-24, to promote the exchange of knowledge and dissemination of experience amongst geotechnical practitioners/researchers around the world, the HKGES has nominated 2 additional members for 4 Technical Committees of the ISSMGE, which expands the total number of individual nominated members by HKGES up to 62.

With the support from the HKIE GD and the Young Member Presidential Group of ISSMGE, the HKGES had established the Bright Spark Lecture Award in 2021. The 2nd awardee of the Bright Spark Lecture Award was Dr Te XIAO of the Hong Kong University of Science and Technology. Dr XIAO delivered his lecture entitled "Machine learning-powered landslide forecasting: from initiation to mobility" at the 2023 Annual Seminar of HKIE GD held on 19 May 2023.

The HKGES signed an MOU with the Malaysian Geotechnical Society (MGS) regarding collaboration between the two societies on 13 July 2023. A joint Forum on Landslide Risk Assessment and Management was jointly organised by the HKGES and MGS on 13 July 2023 in hybrid mode to (1) create a venue for interactive discussions and sharing of experience in Geotechnical Engineering among the Malaysian and Hong Kong Geotechnical fraternity and (2) provide a platform for our practitioners and academics to share their ideas and experiences in the geotechnical engineering profession in the aim to meet new challenges. Two HKGES's delegates joined the workshop physically and delivered talks on various aspects of landslide risk assessment and management.

During this session, HKGES organised/co-organised/supported the following events:

- a. HKGES supported the HKIE GD in organising the 44th Annual Seminar 2024 including promulgation of the event to local universities and vetting of technical papers.
- b. HKGES supported the organisation of the Technical Seminar on Building Slope Process Models considering Engineering Geology: Extending our Understanding, Interpretation and Communication of Instability using Remotely Sensed Data by Prof Jean Hutchinson on 28 November 2023.
- c. HKGES supported the organisation of the International Symposium on Innovations in Geotechnical Engineering towards Sustainability, on 1-2 December 2023.

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- d. HKGES supported the organisation of International Symposium on Reclamations Using Local Dredged Sediments held on 26 January 2024.
- e. HKGES is planning to organize a joint workshop on modern technologies in Geotechnical Engineering: new materials, new construction methods and new instrumentation techniques with the Geotechnical Society of Singapore (GeoSS) in Singapore in July 2024 to further promote the collaborations between the two societies.

11. Overseas Technical Visit to Sydney, Australia, 29 April – 3 May 2024

A technical visit to Sydney, Australia was organised from 29 April to 3 May 2024. Led by the Chairman Ir Dr Gavin Toh and the Chairman of the Organising Committee Ir Dr S W Lee, the delegation comprised 25 participants from the government, consultants and contractors.

The visit was eventful and informative, and well received by the participants. The delegation visited the construction sites of Warringah Freeway Upgrade, Western Sydney Airport (Station Boxes & Tunnelling, and Terminal), Rozelle Interchange, Sydney Metro West – Western Tunnelling Package, and Sydney Metro – Central Station. Amongst the organisations visited were CPB Contractors, Transport for New South Wales, Arup, Aurecon, and AECOM. A joint technical evening talk was held with the Australian Geomechanics Society. Throughout the visit, the participants not only compared the geotechnical practices between Hong Kong and Australia, but also interacted with the Australian counterparts to build collaborative connections.

~ End ~

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Appendix A - Membership Lists of Division Committee, Event Organising Committees and Task Forces**Geotechnical Division Committee**

Ir Dr Gavin Toh	<i>Chairman</i>
Ir Dr Johnny Cheuk	<i>Immediate Past Chairman</i>
Ir Dr S W Lee	<i>Deputy Chairman</i>
Ir Roy Hung	<i>Honorary Secretary</i>
Ir Clifford Phung	<i>Honorary Treasurer</i>

Ordinary Members

Ir Ray Chan	
Ir Dr Tony Chen	
Ir Regis Chee	
Ir Carman Lau	
Ir Kenneth Lai	
Ir David Mak	
Ir Candy Tsoi	
Dr Louis Wong	
Ir Victor Wong	
Ir Warren Dou	
Ir Terence Yau	
Ir Jack Yiu	
Ir Alvin Lam	
Ir Roy Hung	
Ir Dr Clarence Choi	<i>Young Ordinary Member</i>
Mr Mickey Goh	<i>Young Ordinary Member</i>
Mr Alex Leung	<i>Young Ordinary Member</i>

Co-opted Members

Ir Y C Lam
Ir Kelvin Choi
Ir Clifford Phung

Ex-Officio Members

Ir Prof K C Lau	<i>Discipline Representative</i>
Ir Tony Ho	<i>Council Member (Division)</i>
Mr Ray Ng	<i>AMC Representative</i>
Mr Ryan Yuen	<i>YMC Representative</i>
Ir Dr C M Ho	<i>SSC Representative</i>

Observers

Ir Angela Chao
Ir Chris Lee
Ir Maureen Ng
Ir Joanne Ko
Ir Abby Liu
Ir Grace Tam

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Dr Andy Leung
 Dr Anthony Leung
 Ir Marion Kan
 Ir Dominic Fung
 Ir Derek Yu
 Ir Jack Yiu

Geotechnical Pioneer

Clarence Choi *Leader*
 Mickey Goh
 Dominic Fung
 Daniel Ho
 Marcus Man
 S W Lee *Advisor*
 Gavin Toh *Advisor*

GD 44th Annual Seminar on 31 May 2024

Alvin Lam *Leader*
 Abby Liu
 Connie Yam
 Warren Dou
 Ray Chan
 Dominic Fung
 Marion Kan
 Andy Leung
 Grace Tam
 Derek Yu
 Carmen Lau

GD Annual Dinner 2024 on 22 February 2024

Kenneth Lai *Leader*
 Regis Chee
 Grace Tam
 Angela Chao
 Terence Yau
 Y C Lam
 Joanne Ko
 Jack Yiu
 Roy Hung
 YGC helpers

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Young Geotechnical Club

Dominic Fung	<i>Leader</i>
Ellen Lee	<i>Deputy Leader</i>
Mickey Goh	<i>General Secretary</i>
Ice Cheung	<i>External Secretary</i>
John Wu	<i>Treasurer</i>
Alex Leung	
Athena Chan	
Connie Yam	
Daniel Ho	
Derek Yu	
Gloria Ip	
Joseph Tsang	
Marcus Man	
Saad Faizi	
Tony Ho	<i>Advisor</i>
Regis Chee	<i>Advisor</i>

Overseas Technical Visit to Sydney, Australia, 29 April – 3 May 2024

S W Lee	<i>Leader</i>
Angela Chao	
Kelvin Choi	
Warren Dou	
Alvin Lam	
Y C Lam	
David Mak	
Derek Yu	

Working Group on Knowledge Management

Victon Wong	<i>Leader</i>
Regis Chee	
Cheung Chin	
Carmen Lau	
Ellen Lee	
S W Lee	
Alex Leung	
Grace Tam	

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Task Force on Soil Test Videos

Gavin Toh *Leader*
Richard Pang
Philip Chung
Roy Hung
Victor Wong
Regis Chee
Thomas Tong
Florence Ko
Ammar Sohail
Andrew Wong
Daniel Peprahmanu
Elaine Chan
Gloria Ip
Hayden Luk
Ivan Tsui
Matthew Poon
Saad Faizi

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Appendix B - List of Technical Meetings, Workshops, Seminars

Date	Speaker(s)	Topic
26 Aug 23	Various	Workshop on Soil Mechanics - Part I: Soil Shear Strength
9 Sep 23	Various	Workshop on Soil Mechanics - Part II: Soil Compressibility and Stiffness
18 Sep 23	Various	ACEHK YMC x HKIE GD YGC x ICE HKA G&S: Joint mediation workshop on construction disputes
7 Oct 23	Various	Workshop on Soil Mechanics - Part III: Soil and Geotechnical Modelling
20 Oct 23	Ir Dr Raymond C H Koo	Technical Seminar on 'GEO Publication No. 1/2023 (Deep Excavation Design and Construction)'
28 Oct 23	Various	From Nature's Depths to Urban Heights: Shaping Hong Kong's Future through Rock Cavern Development - Joint Young Professional's Think Deep Workshop 2023
18 Nov 23	Prof Louis N Y Wong	Workshop on Rock Mechanics - Part I: Engineering Properties and Parameters of Rock
22 Nov 23	Ir Ivan H.H Chan	Joint Cavern Development Project at Anderson Road Quarry Site
28 Nov 23	Prof Jean Hutchinson	Joint Technical Seminar - Building slope process models considering engineering geology: Extending our understanding, interpretation and communication of instability using remotely sensed data
2 Dec 23	Various	Quality Supervision of Soil Nail Construction
16 Dec 23	Ir Roy Hung, Dr Qi Zhao	Workshop on Rock Mechanics - Part II: Analysis and Design of Underground Openings in Rock
22 Jan 24	Various	Structural/geotechnical monitoring under adverse conditions with FBG sensors
26 Jan 24	Various	International Symposium on Reclamations Using Local Dredged Sediments
24 Feb 24	Ir Dr Ryan Yan	Workshop on Excavations and Lateral Support (ELS) – Part I: Earth Pressure Theory and Failure Mechanisms of Earth Retaining Systems (e-Class)
7 Mar 24	Ir Dr Michael Wan	Instrumentation and Monitoring for Tunnel Construction Impact: Lessons from Crossrail and Recommendations for Applications in Hong Kong
21 Mar 24	Various	Fugro Prize Presentation
27 Mar 24	朱硯梅	普通話工作坊：普通話趣談——土木工程詞彙知多少
9 Apr to 4 May 24	Various	Top-up Course for TCP T3 on GIFW and Building Works with Significant Geotechnical Content
13 Apr 24	Ir Dr Gavin Toh	Workshop on Excavations and Lateral Support (ELS) – Part II: Safe ELS Work - From Planning, Design, to Construction (e-Class)

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Date	Speaker(s)	Topic
22 Apr 24	Prof. Lung Sang Chan	Feasibility Study of Land Geophysical Techniques for Ground Characterisation
4 May 24	Various	Discovery Series: Becoming an Engineer X Geologist 2024 做個工程師 X 地質師
6 May 24	Ir Dr Daman Lee	Managing a Large and Sustainable Reclamation

Appendix C - List of Technical Visits

Date	Site	Client	Host	Contractor
15 Jul 2023	CityU Student Hostel (MiC) Project	CityU	Gammon	Gammon
19 Aug 2023	Kai Tak Development - Stage 5B Infrastructure Works (RTBM)	CEDD	AECOM	Build King-STECC JV
16 Sep 2023	Central Kowloon Route – Contract HY/2014/07 Kai Tak West	HyD	Arup-Mott MacDonald JV	Gammon
28 Oct 2023	Contract No.NL/2017/03 – Tung Chung East Reclamation & Infrastructure Works	CEDD	AECOM	Various
11-12 Nov 2023	Guangzhou (Nansha) and Zhuhai Reclamation Projects (jointly organised with PolyU)	-	Guangdong Geotechnical Mechanics and Engineering Society	-
9 Dec 2023	Contract No. SD/2021/02 - Boardwalk Underneath Island Eastern Corridor	CEDD	Meinhardt	IEC Boardwalk JV
13 Jan 2024	CV/2021/04 Site Formation at Tseung Kwan O - Yau Yue Wan and Pak Shing Kok	CEDD	Arup	China Int'l Water & Electric Corp
3 Feb 2024	Anderson Road Quarry Site Formation Works	CEDD	AECOM	Chun Wo-STECC-Vasteam JV
9 Mar 2024	Contract No EP/SP/77/15 – North East New Territories Landfill Extension Project (NENTX)	EPD	Arup	Veolia
13 Apr 2024	Site Formation and Infrastructure Works near Tan Kwai Tsuen in Yuen Long – Contract 1	CEDD	Binnies	Build King JV
10-13 May 2024	Reclamation Projects in Shanghai and Tianjin (jointly organised with PolyU)	-	National Dredging Engineering Research Centre and CCCC Marine Construction and Development Co.	-
15 Jun 2024	Central Kowloon Route – Contract No. HY/2018/08 Central Tunnel	HyD	Arup-Mott MacDonald JV	Bouygues Travaux Publics

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1. Ir Dr Gavin Toh will step down from the post of Chairman and become the Immediate Past Chairman.
2. Ir Dr Johnny Cheuk will retire from the post of Immediate Past Chairman.
3. The following Ordinary Members will retire after the current session:

Ir Dr Tony Chen	AECOM
Ir Victon Wong	AECOM
Ir Candy Tsoi	Fugro
Ir Terence Yau	C M Wong
4. The members nominated by the outgoing Division Committee to fill the vacancies in Session 2023/2024 are as follows:

Chairman:	Ir Dr S W Lee	AECOM	
Ordinary Members:	Ir Kelvin Choi	Dragages	
	Ir Terence Yau	C M Wong	(re-nominated)
	Ir Candy Tsoi	Fugro	(re-nominated)
	Ir Victon Wong	AECOM	(re-nominated)

No other nomination has been received by the nomination deadline.
5. The following Ordinary Members under the age of 35 will retire after the current session:

Ir Alex Leung	AECOM
Ir Mickey Goh	GEO
6. The members nominated by the outgoing Division Committee to fill the vacancy for the Ordinary Members under the age of 35 in Session 2023/2024 are as follow:

Ir Dominic Fung	GEO
Ir Derek Yu	AECOM
7. The following Ordinary Members will continue to serve on the Committee:

Ir Ray Chan	Aurecon
Ir Roy Hung	GEO
Ir Carmen Lau	AECOM
Ir David Mak	AECOM
Dr Louis Wong	HKU
Ir Regis Chee	GEO
Ir Warren Dou	CRBC
Ir Kenneth Lai	Housing Department
Ir Alvin Lam	Arup
Ir Clifford Phung	
Ir Dr Clarence Choi	HKU (Young Ordinary Member)