

AGENDA

1. To receive and confirm the minutes of the 45th Annual General Meeting. (Attachment 1)
2. To receive and adopt the Annual Report of the Division for Session 2025/2026. (Attachment 2)
3. To receive and adopt the Financial Statement of the Division for Session 2025/2026. (to be presented at the AGM)
4. To elect the Chairman and Ordinary Members of the Division Committee for Session 2026/2027. (Attachment 3)
5. Any other business.

*Ir Alvin LAM
Honorary Secretary
Geotechnical Division
29 April 2026*

*Tel: 2268 3426
Email: alvin.lam@arup.com*

Annual Report for Session 2025/2026

The 45th Annual General Meeting (AGM) was held on 25 April 2025, 6:30 pm at the EngHub, 3/F, the NEO, 123 Hoi Bun Road, Kwun Tong, Hong Kong with an attendance exceeding the quorum of 50.

1. *Minutes of the 44th Annual General Meeting*

The minutes of the 44th Annual General Meeting, held on 6 May 2024, 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 Y C Lam and seconded by Ir Maureen Ng to approve the minutes of the 44th AGM. The motion was carried with a unanimous vote by a show of hands.

2. *Annual Report for Session 2024/2025*

The Annual Report for Session 2024/2025 was circulated to all members of the Division prior to the meeting by posting on the Geotechnical Division website. The Chairman, Ir Dr SW Lee, 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, and overseas visit and links. There were no questions from the Floor on the Annual Report.

MOTION: Moved by Ir Tony Ho and seconded by Ir Clifford Phung to adopt the Annual Report for Session 2024/2025. The motion was carried with a unanimous vote by a show of hands.

3. *Financial Statement for Session 2024/2025*

The Financial Statement for Session 2024/2025 was circulated to all members of the Division prior to the meeting by posting on the Geotechnical Division website. The Honorary Treasurer Ir Victon Wong provided a 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 Chris Lee and seconded by Ir Thomas Hui to adopt the Financial Statement for Session 2024/2025. 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 2025/2026*

4.1 The outgoing Division Committee had nominated Ir Terence Yau of C M Wong & Associates Ltd for the Chairman of Session 2025/2026. There had been no other nominations received.

4.2 The outgoing Division Committee had nominated the following members to fill the eight vacancies of Ordinary Members for Session 2025/2026:

Ir Ray Chan	Aurecon	(re-elected)
Ir Thomas Hui	GEO	
Ir Roy Hung	GEO	(re-elected)
Ir Florence Ko	GEO	
Ir Carmen Lau	AECOM	(re-elected)
Ir YC Lam	Mott MacDonald	

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Ir David Mak	AECOM	(re-elected)
Prof Louis Wong	University of Hong Kong	(re-elected)

There had been no other nominations received.

- 4.3 There is no change to the Ordinary Members under the age of 35 for Session 2025/2026.
- 4.4 The outgoing Division Committee had nominated Ir Maureen Ng of ESA Consulting as the Council Member (Division) for Sessions 2025/2026 and 2026/2027. There had been no other nominations received.

MOTION: Moved by Ir Alvin Lam and seconded by Ir Dr Johnny Cheuk to elect Ir Terence Yau as the Chairman of the Division for Session 2025/2026, the eight candidates nominated as the Ordinary Members of the Division Committee and to elect Ir Maureen Ng as the Council Member (Division) for Sessions 2025/2026 and 2026/2027. The motion was carried with a unanimous vote by a show of hands.

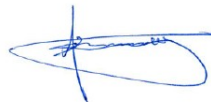
5. *Any Other Business*

- 5.1 The Chairman-elect, Ir Terence Yau proposed a vote of thanks to Ir Dr S W Lee for his leadership as the Chairman of the Division for a successful year and other outgoing retiring members for their services. It was duly approved by applause from the floor.

6. *There being no other business, the meeting was declared closed at 7:00 pm.*



Ir Dr S W Lee
Chairman
Geotechnical Division (Session 2024/2025)



Ir Terence Yau
Honorary Secretary
Geotechnical Division (Session 2024/2025)

Annual Report for Session 2025/2026

1. Chairman’s Statement

Building upon the solid foundation laid by our Immediate Past Chairman, Ir Dr SW Lee, and the dedicated GD Committee, the Geotechnical Division has continued to advance geotechnical excellence, foster innovation, and strengthen our professional community both within Hong Kong and beyond.

Throughout this session, our work has been guided by the HKIE President Ir Alice Chow’s theme, “**Together We RISE**” (同心同創)—embracing Resilience, Innovation, Sustainability, and Equity. These four pillars have shaped our strategic initiatives as we respond to the challenges of climate change, urban densification, and the growing demand for sustainable infrastructure.

Resilience and Sustainability in Practice

We have actively promoted best geotechnical practices locally while sharing Hong Kong’s engineering achievements on the international stage. Notable activities included technical visits to Macau and Shenzhen in late 2025, focusing on cross-disciplinary projects integrating geotechnics with environmental and smart city developments. In February 2026, members visited the Revitalisation of Lin Ma Hang Lead Mine Caves to examine its investigation, design, and construction processes. A joint division technical visit in January 2026 explored the application of low-carbon, innovative low-density engineered cementitious composites for a new slip road at Shap Pat Heung Interchange. Additionally, an e-Workshop on Natural Terrain Hazard Mitigation was successfully held in January 2026.

Innovation and Technology

While embracing digital innovation, we have remained steadfast in upholding core engineering principles. In May 2026, the Division will organise a technical visit to the Site Formation and Infrastructure Works for the Yuen Long South First Phase Development, with particular attention to the Rectangular Tunnel Boring Machine. An e-Workshop on Ground Investigation (GI) Planning and Laboratory Soil Testing was conducted in March 2026, and the Fugro Prize 2025/2026 Presentation Competition provided a platform for nurturing young professionals. Our 46th Annual Seminar, scheduled for 12 May 2026 under the theme “Fundamentals and First Principles: Bridging Theory & Practice in Geotechnical Engineering,” reaffirms the enduring importance of core geotechnical principles alongside technological advances.

Equity, Youth Empowerment, and Public Engagement

The Young Geotechnical Club (YGC), led by Mr Marcus Man and supported by 18 core members, has demonstrated exceptional vitality. Highlights included the Hong Kong UNESCO Global Geopark Tour (November 2025) and a Networking Cocktail on AI applications (June 2025).

To commemorate the Institution’s 50th anniversary, the Division mounted a public engagement initiative at the West Kowloon Cultural District Art Park on 14–15 March 2026. Our booth illustrated that geotechnical engineering serves as the invisible foundation supporting Hong Kong’s infrastructure. Featuring a slope stability model and an Augmented Reality (AR) “Dangerous Hillside Magnifier” (kindly loaned by the Geotechnical Engineering Office, CEDD), the exhibition engaged over 3,000 visitors, and more than 3,000 souvenirs were distributed. This achievement was made possible through the dedicated efforts of Ir YC Lam, Ir Marcus Man, and the YGC volunteers.

We were also especially proud to present the Geotechnical Paper Award during this golden jubilee year. The award celebrates innovative research that advances local geotechnical practice. Winners were recognised at our Annual Seminar, thereby fostering knowledge sharing and inspiring cross-generational collaboration among engineers.

Furthermore, a Top-up Course for TCP T3 on GI Works and Building Works with Significant Geotechnical Content was offered in April 2026 to uphold professional standards.

Connecting Hong Kong with the World and the Mainland

We have deepened engagement with the Greater Bay Area through the Young Scholars Forum in Zhuhai (August 2025) and the Six-New Technology Exchange Conference in Guangzhou

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(December 2025). The Tripartite Seminar was successfully held in Hong Kong in November 2025 with participation from Malaysia and Taiwan. In a significant milestone, the Division signed a Memorandum of Understanding (MoU) with the Chartered Institution of Civil Engineering Surveyors (CICES) on 31 March 2026, pledging collaboration on professional development, knowledge exchange, and international standards.

Celebrating Excellence

On 25 February 2026, the Division hosted its Annual Dinner at the Regent Hong Kong under the theme “Engineering a Resilient Innovative Future.” Over 400 guests from government, industry, and academia attended, with the generous support of more than 40 organisations. The evening featured a keynote address on climate resilience by Professor Chi-Ming Shun, SBS, and celebrated the strength and unity of our professional community.

Gratitude

None of our achievements would have been possible without the unwavering support of the HKIE Headquarters, the Government of the Hong Kong Special Administrative Region, our generous sponsors, and the dedicated members of the Geotechnical Division Committee. I extend my deepest gratitude to our dynamic YGC volunteers, committee members, and helpers, whose energy and meticulous efforts have been instrumental to the success of every initiative.

Together, we have built a lasting legacy of geotechnical distinction—resilient, innovative, sustainable, and equitable. Let us continue to shape an even brighter future for our profession.



Ir Terence Yau Lap Yan

Chairman

Geotechnical Division (Session 2025/2026)

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2. Membership

As at 1 April 2026, the Geotechnical Division (GD) has a membership of 4,818, including 281 Fellows, 3,564 Corporate Members and 789 Graduate Members. There are also 44 Associate Members, 119 Student Members, and 21 Affiliate Members.

Appendix A presents the list of GD committee members, organising committees and task forces for Session 2025/2026.

3. Financial Highlights

The finance of the Division remained healthy at the end of the Session with the amount of HK\$1,564,781.53 with a reduction in total of HK\$ 81,893.26 as benchmark from previous session (i.e. carry forward from HK\$1,646,674.79). The Honorary Treasurer Ir YC Lam will provide a summary on the Financial Statement at the AGM. Full details of the 2024/2025 “End of Year Account” will be available for inspection shortly after audit.

4. Technical Meetings, Workshops, Seminars

Technical meetings, workshops and seminars have been organized physically and/or virtually via webinars. The details are presented in **Appendix B** and the major ones are highlighted below.

4.1 46th Annual Seminar - Fundamentals and First Principles: Bridging Theory and Practice in Geotechnical Engineering

The HKIE Geotechnical Division Annual Seminar 2026 (HKIE GDAS 2026), one of the Division's key annual events, will be held on 12 May 2026 at the Hong Kong Convention and Exhibition Centre with the theme “Fundamentals and First Principles: Bridging Theory and Practice in Geotechnical Engineering”. The seminar will feature keynote presentations by Ir Prof Philip W K Chung and Ir Dr Victor K S Li, offering an attractive and insightful programme for geotechnical practitioners and young engineers. This one-day seminar will include a series of physical presentations, with over 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 Natural Terrain Hazards Study
2. e-Workshop on Natural Terrain Hazards Mitigation
3. e-Workshop on Ground Investigation and Laboratory Testing
4. Quality Supervision of Soil Nail Construction

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 comprising a series of lectures and an examination for TCP T3 on GIFW and Building Works with Significant Geotechnical Content was held from 8 April to 29 April 2026. The course aimed to equip graduate engineers, geologists and technical inspection supervisors with essential geotechnical knowledge required for those with less than 2 years of relevant experience to qualify as TCP T3, in accordance with the Code of Practice for Site Supervision 2009 issued by the Buildings Department.

The course has remained one of the most popular events organised by the Division, reflecting the strong and sustained demand from the industry.

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4.4 Technical Seminars

The Division organised a series of technical seminars throughout the year on topics relevant to industry practitioners, providing a platform for knowledge sharing and continuing professional development. The seminars covered a range of geotechnical engineering subjects, including foundation design, excavation and lateral support systems, ground improvement, site formation works, and emerging technologies. Speakers from industry and academia shared insights on recent projects, technical developments and practical experience.

The events were well attended, reflecting strong demand for high-quality CPD activities. Interactive discussions also enabled participants to engage with speakers and enhance their understanding of practical geotechnical challenges. The Division will continue to organise technical seminars to support knowledge exchange and professional development of its members.

5. Technical Visits

Technical site visits were organised to showcase a variety of projects, including tunnelling, geotechnical innovations, railway construction, cavern development, stormwater management, infrastructure and site formation. **Appendix C** provides a comprehensive list of technical site visits arranged during Session 2025/2026. For Session 2025/2026, the scope of technical visits was extended to the Greater Bay Area, encompassing Macau and Shenzhen. Participants benefited from in-depth presentations and guided tours led by distinguished industry professionals, gaining firsthand experience in advanced techniques and best practices. Through both local and Greater Bay Area technical visits, enhanced collaboration within the region was achieved. Key highlights are outlined below:

Innovative Practices: The visits emphasised advancements in materials, such as low density engineered cementitious composite (LD-ECC), and the deployment of Tunnel Boring Machine (TBM), including the first subsea TBM in Macau and a rectangular TBM in Yuen Long. Various tunnelling technologies were demonstrated, including drill-and-break methods and blasting. Rotary bored machines in Shenzhen were visited for foundation innovation projects.

Diverse Projects: A wide range of projects provided valuable insights into various aspects of infrastructure development across Hong Kong, Macau, and Shenzhen.

Collaboration: Engagements with clients, consulting firms, and main contractors highlighted the significance of cooperation in large-scale projects. The Greater Bay Area was also included to foster closer collaboration.

These visits significantly enhanced participants' knowledge and practical expertise in geotechnical development, enabling them to apply innovative practices more effectively in their professional roles.

6. Prizes, Awards and Sponsorships

6.1 AECOM Prize

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:

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Awardee	University
CHAN Tsz Tung	The Hong Kong Polytechnic University
WONG Lok Yi	The Hong Kong University of Science and Technology
TAI Chun Long	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 Lawrence Lee. The prize awardees are as follows:

Award	Awardee	University
Winner	TAI Chun Long	The University of Hong Kong
1 st Runner-up	WANG Baokang	The Hong Kong Polytechnic University
2 nd Runner-up	LEUNG, Julian Hiu Fung	The Hong Kong University of Science and Technology

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 Kelvin Choi, Ir Dr Lawrence Lee and Ir Y C Lam. The final competition was held on 4 March 2026 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	LAM Siu Pang, Kevin	GEO	Assessing barrier performance: Back-analyses of Hong Chi Pinehill Village landslides
1 st Runner-up	CHAU Yiu Lun, Alan	GEO	Refined RMR Assessment and Pile Load Tests in Meta-Sedimentary Rocks
2 nd Runner-up	Zhiqi ZHAN PeiChen WU	PolyU	Analyzing a catastrophic loose fill landslide in Hong Kong by material point method

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 and engineering geology 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 or engineering geology studies. The university nominated prize awardees are as follows:

Awardee	University
Dr DAI Quanwei	The University of Hong Kong (Department of Civil Engineering)
Dr CHEN Guodong	The University of Hong Kong (Department of Earth and Planetary Sciences)
Dr XIAO Shihao	The Hong Kong University of Science and Technology

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Awardee	University
Dr ZOU Yuan	The Hong Kong Polytechnic University
Dr XIA Zhangqi	The City University of Hong Kong

6.4 Geotechnical Contractors Scholarship Scheme

The Geotechnical Contractors Scholarship is contributed by donations from a group of contractors involved in geotechnical works such as ground investigation, foundation, site formation and Landslip Prevention and Mitigation Programme works in Hong Kong. It aims to provide financial assistance and encouragement to undergraduate engineering and earth science students to pursue studies in geotechnical engineering.

A selection panel consisting of CEDD Assistant Director (Technology) Ir Thomas Hui, Chairman Ir Terence Yau and Committee Member Ir Derek Yu 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	Major course	University
Mr Lee Tsz Shun	Geotechnical Engineering	The Hong Kong Polytechnic University
Ms Chan Wing Lam	Earth Science	The Chinese University of Hong Kong
Ms Hui Wing Hei	Earth Science	The University of Hong Kong
Mr Chang Yu Hin	Geotechnical Engineering	The University of Hong Kong
Mr Lai Long	Geotechnical Engineering	The Hong Kong University of Science and Technology
Mr Zheng Tianyi	Geotechnical Engineering	The City University of Hong Kong
Mr Cheng Kwok cheong	Geotechnical Engineering	The Technological and Higher Education Institute of Hong Kong

6.5 Technical Report Prizes

Technical Report Prizes are awarded to young engineers who prepare high-standard technical reports on technical visits organized by the GD, to encourage participation in GD events and promote the practice of report writing. No entry is received in this session.

6.6 Sponsorship Scheme

This sponsorship scheme offers 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 in 2025/2026 were assessed by Ir Ray Chan and Ir Andy Leung.

The sponsorships awarded in this session are as follows:

Awardee	Amount	Conference
Peter Chu	HK\$ 5,000	World Tunnel Congress 2026, Montreal, Canada 15-21 May 2026
Khaled Ibrahim Mohamed ISMAIL	HK\$ 5,000	

6.7 Geotechnical Paper Award 2026

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 since 2014 are available at <https://hkiedged.org/public/geotechnical-paper-award>.

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A total of 22 nominated papers were received for the 2026 Award. The winning papers are:

Shum, L.K.W., Cheung, S.P.Y., Koo, R.C.H., Li, I. and Liu, J.C. (2024). Advancements in design and construction practice for deep excavation. Proc. 44th HKIE Geotechnical Division Annual Seminar, 250-261.

Liu, Z.H., Wong, L.N.Y. and Chang, S.C. (2024). Experimental investigation of major rocks in Hong Kong as potential sensible thermal energy storage medium. Engineering Geology, 343 (2024) 107763.

6.8 HKIE GD Award Presentation Ceremony 2026

The HKIE Geotechnical Division Award Presentation Ceremony for 2026 will take place on 23 June 2026. This event will honour outstanding contributions through the presentation of several prestigious awards, including the Fugro Prize, the AECOM Prize, the Ringo Yu Prize for Best PhD Theses in Geotechnical Study, and the Geotechnical Contractors Scholarship. Additionally, we will acknowledge the dedication of our young members with the Outstanding Service Award. These recognitions not only celebrate achievements in geotechnical projects but also underscore our support for members through scholarships, further enriching their professional development.

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 2025 Tripartite Seminar was held in Kuala Lumpur on 3rd and 4th December 2025. Three papers were presented by the following HKIE Geotechnical Division delegates.

- (1) Dr Andy Leung – Machine Learning-Driven Adaptive Updating of Geotechnical Properties using Monitoring Data
- (2) Ir Andrew Wong – Full-scale Pile Load Tests using Osterberg Cells in Meta-sedimentary Rock
- (3) Ir Dr Raymond Law – Advancing Geotechnical Resilience with the Smart Surface Drainage Monitoring System (SSDMS)

The next Tripartite Seminar would be held in Taipei on 22nd and 23rd October 2026.

7.2 The Nick Barton Thematic Workshop

On 16 – 17 January 2026, the HKIE Geotechnical Division, in collaboration with Institute of Materials, Minerals & Mining (IOM3) Hong Kong Branch and the Department of Earth Sciences at The University of Hong Kong, hosted a remarkable two-day course on Rock Mechanics and Rock Engineering delivered by the world-renowned expert, Dr Nick Barton. Attended by over 178 participants, the course explored foundational principles and international practices of rock engineering, highlighting topics such as the Barton-Bandis joint shear strength criterion, the Q-system, and the modified Norwegian Method of Tunnelling (modified-NMT). Dr Barton also addressed pressing challenges in numerical modelling and groundwater control during tunnelling works. His unique insights and practical case studies offered invaluable knowledge to Hong Kong's geotechnical community.

7.3 Greater Bay Area Events

In this session, the Division has been proactively engaged with its counterpart learned society in the Greater Bay Area (GBA). Members participated in two major technical events, both organised by

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Guangdong Geomechanics and Engineering Society and supported by a few organisations, including the HKIE Geotechnical Division. The Division organised delegations to both events, led by Division Chairman Ir Terence Yau and coordinated by Ir Prof Warren Dou.

The first event, the “Forum for Youth Scholars of Geotechnical Engineering in Guangdong-Hong Kong-Macao Greater Bay Area – Resilient City Construction under Dual Carbon Goals” (粵港澳大灣區岩土工程青年學者論壇—雙碳目標下韌性城市建設), was successfully held in Zhuhai, Guangdong, on 22-23 August 2025. The Division sent a delegation of over 30 young professionals from the practitioners, academics, and government departments, who actively engaged in the forum’s activities. Three delegates from the HKIE Geotechnical Division delivered well-received presentations, showcasing their professional expertise and research achievements. These contributions sparked meaningful discussions and exchanges among attendees. The forum proved to be an exceptionally fulfilling and productive experience for the HKIE Geotechnical Division delegation. It facilitated the exchange of expertise in geotechnical engineering, strengthened professional relationships within the Greater Bay Area, and contributed to advancing resilient urban development aligned with dual carbon goals.

The second event, the “2025 Guangdong-Hong Kong-Macao Greater Bay Area Geotechnical Engineering ‘Six New Technologies’ Exchange Conference” (2025 年度粵港澳大灣區岩土工程「六新」技術交流大會), was successfully held in Guangzhou, Guangdong, on 4–5 December 2025. The conference served as a key platform for knowledge sharing and collaboration, focusing on six major themes: new theories, new technologies, new processes, new materials, new equipment, and new methods (新理論、新技術、新製程、新材料、新設備、新方法). Keynote speeches and invited presentations were delivered, including three by the HKIE Geotechnical Division delegates.

The events demonstrated strong commitments to cross-border collaboration, with the HKIE Geotechnical Division organising a delegation of nearly 30 industry practitioners and academics. The delegation actively contributed to technical discussions, enriched knowledge exchanges, and fostered professional synergy across the region.

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. 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 3 online workshops on fundamental topics in geotechnical engineering including natural terrain hazards study and mitigation as well as ground investigation and laboratory testing. 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.

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The YGC organised the following signature activities in Session 2025/2026, which target different groups of audience:

1. **Hong Kong UNESCO Global Geopark Tour 2025:** A full-day tour to the Northeast Region of the Geopark was successfully organized. Participants explored geological wonders across Wong Chuk Kok Tsui, Lai Chi Wo, Kat O, and Ap Chau. The visit enhanced attendees' knowledge of Hong Kong's natural history and conservation, providing a firsthand look at unique landforms.
2. **Technical Visit to Revitalisation of Lin Ma Hang Lead Mine Caves:** This technical visit focused on the revitalization of the Lin Ma Hang Lead Mine. Participants examined stabilization works at the main cavern and adit. The project showcased engineering solutions for heritage preservation. Attendees gained practical insights into the investigation and construction challenges of repurposing historical mining sites for public sightseeing.

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.

9. Annual Dinner

The HKIE Geotechnical Division successfully hosted its 31st Annual Dinner at grandest venue, the Ballroom of the Regent Hong Kong on 25 February 2026, uniting over 400 distinguished guests from government, industry, and academia. Under the theme 'Engineering a Resilient, Innovative Future'. The evening featured opening remarks and welcoming speech by Chairman Ir Terence Yau. Distinguished Guest of Honour Prof Shun Chi Ming, SBS, former Director of the Hong Kong Observatory, delivered a captivating keynote address on climate resilience and innovation. A thrilling lucky draw, enthusiastic toasts, and a performance by the Juggling Home of Hong Kong provided engaging entertainment. With over 40 supporting companies, societies, and universities present, the event demonstrated the strength of Hong Kong's professional geotechnical community. The gathering reinforced shared commitments to sustainability, resilience, and innovation. Heartfelt gratitude extends to all guests, the organising committee, helpers, and sponsors for their invaluable contributions to this resounding success.

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. Currently, the HKGES has 153 members.

On 17 February 2025, HKGES and KGS co-organised the 2nd joint workshop at the HKUST, after the successful one organised in 2023. The theme of the workshop is Geotechnical Advances and Technology for Sustainable Future. Altogether, 11 delegates from South Korea and 11 from Hong Kong have joint the workshop in person, sharing their latest advancements of scientific research and engineering practice. This 1-day workshop was run in hybrid mode and contains altogether 22 talks, covering a broad range of topics in soil mechanics and geotechnical engineering, all towards building sustainable future. The number of participant attended the workshop in person was 68, and the peak number of online participant was 167.

On 26 March 2025, HKGES and HKIE GD co-organised the Reprise of the 62nd Rankine Lecture by Professor Lidija Zdravković, who is Professor of Computational Geomechanics at Imperial College London, U. K. The presentation title is Geotechnical Engineering for a Sustainable Society, held at PolyU. The number of participant attended the workshop in person was more than 100.

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On 19 May 2025, HKGES and GeoSS co-organised the 2nd joint workshop in Hong Kong, after the successful one held in 2024. The theme of the workshop is Overcoming Challenges in Infrastructure Projects. Altogether, more than 50 delegates from Singapore joined the event and some of them shared their experiences in the event. The HKGES has also identified five active members from academic and industry to present their works. This workshop covers a broad range of topics in geotechnical engineering. The number of participant attended the workshop in person was around 100. There were a number of site visits arranged by the MTR Corp. and GEO/CEDD.

On the week of 2 June 2025, HKGES co-organised with GEO/CEDD and HKIE GD for a week-long event called International Week of Geotechnology, which comprises of two major events, a one-day Innotech Forum and a four-day LAndslide Risk Assessment and Mitigation (LARAM) School 2025, both held in the University of Hong Kong.

- o Innotech Forum aims to showcase the government's efforts in spearheading innovation and technology to manage geotechnical risks cost-effectively in Hong Kong through sharing knowledge and experience among internationally renowned experts, leading professionals and distinguished academics. It also fosters a collaborative environment that bridges the gap between research and practical applications. There were 17 speakers from Hong Kong, China mainland and Europe.

- o LARM School is an initiative jointly conceived by the University of Salerno (UNISA), HKU, GEO/CEDD and HKUST. The aim of the initiative is to develop and conduct a training course dealing with landslide risk management, to be delivered by renowned landslide experts with international reputation. Altogether, 22 local and international speakers were invited to present the state of art and state of the practice of landslide science and engineering. More than 60 participants coming from different parts of the world have jointed the School.

On 22 December 2025, HKGES and JGS co-organised the 1st joint workshop at Tokyo, Japan. Altogether, 7 delegates from Hong Kong and 8 from Japan have joint the workshop in person, sharing their latest advancements of scientific research and engineering practice in soil mechanics and geotechnical engineering. This 1-day workshop was run in hybrid mode, and the topic of presentation covers a wide range of topics in soil mechanics and geotechnical engineering. The number of participants attended the workshop in person was about 30, and the peak number of online participant was 250. After the workshop, a site visit was arranged to learn the construction of an underground shield tunnel.

An Annual General Meeting has been scheduled to be held on 23 June 2026.

11. Overseas Technical Visit to Dubai, 27 March – 2 April 2026

A technical visit to Dubai, UAE, was scheduled from 27 March to 2 April 2026. A total of 25 participants enrolled in February 2026, and all registration fees were duly collected. The proposed programme included visits to Dubai University, several mega construction project sites, and a meeting with the UAE engineering society to facilitate knowledge and experience exchange. However, due to the outbreak of conflict in the Middle East on 28 February 2026, the technical visit was cancelled immediately. All registration fees were subsequently refunded in full to the participants.

~ End ~

Annual Report for Session 2025/2026

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

Ir Terence YAU Lap Yan	<i>Chairman</i>
Ir Dr LEE Siew Wei	<i>Immediate Past Chairman</i>
Ir WONG Wing Lung, Victon	<i>Deputy Chairman</i>
Ir LAM Kam Ming, Alvin	<i>Honorary Secretary</i>
Ir LAM Yik Chong	<i>Honorary Treasurer</i>

Ordinary Members

Ir CHAN Wai Keung, Ray	
Ir Kelvin CHOI	
Ir DOU Huaren, Warren	
Ir Thomas HUI Hoi Hon	
Ir HUNG Kin Chung, Roy	
Ir Florence KO Wan Yee	
Ir LAI Chi Kin, Kenneth	
Ir LAU Wan Chi, Carmen	
Ir MAK Chi Wai, David	
Ir PHUNG Wing Cheung, Clifford	
Dr WONG Ngai Yuen, Louis	
Ir Dr Clarence CHOI	<i>Young Ordinary Member</i>
Ir FUNG Yat Fan, Dominic	<i>Young Ordinary Member</i>
Ir Derek YU	<i>Young Ordinary Member</i>

Co-opted Members

Ir Angela CHAO	
Ir Regis CHEE	
Ir Jonathan LAU Wai Cheung	

Ex-Officio Members

Ir Maureen Ng	<i>Council Member (Division)</i>
Ir Dr LAU Chi Keung	<i>Discipline Representative</i>
Ir Dr KWAN Shun Hang	<i>Deputy Discipline Representative</i>
Mr NG Yiu Yin, Ray	<i>AMC Representative</i>
Mr YUEN Ho Wai, Ryan	<i>YMC Representative</i>
Ir Dr HO Chi Ming	<i>SSC Representative</i>

Observers

Ir Dr Gavin TOH Seng Huat	
Ir KO Chung Yan, Joanne	
Ir Gary KWOK Siu Hang	
Ir LEE Ching Yan, Ellen	
Ir Roger LEE Jo Wah	
Ir TO Sai Shun	
Dr LEUNG Kwan, Anthony	

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Dr LEUNG Yat Fai, Andy
 Ir LIU Yiting, Abby
 Ir Ray MUNG Ka Ming
 Ir TSOI Pui Man, Candy
 Ir TAM Wing Man, Grace
 Ir Andrew WONG
 Ir Jack YIU
 Mr. MAN Ho Yeung, Marcus
 Ir HO Ying Kit, Tony
 Dr Simon WONG
 Ms. Connie YAM
 Ir Dr LEE Tsz Hang, Lawrence

Geotechnical Pioneer

Dominic Fung	<i>Leader</i>
Daniel Ho	
Marcus Man	
Krista Chan	
Jerry Ng	
S W Lee	<i>Advisor</i>
Gavin Toh	<i>Advisor</i>
Clarence Choi	<i>Advisor</i>

GD 46th Annual Seminar on 12 May 2026

Kenneth Lai	<i>Leader</i>
Ray Chan	
Roy Hung	
Louis Wong	
Victor Wong	
Roger Lee	
Grace Tam	
S S To	
Krista Chan	
Daniel Ho	

GD Annual Dinner 2026 on 25 February 2026

Kelvin Choi	<i>Leader</i>
Athena Chan	
Connie Yam	
Grace Tam	
Gary Kwok	
Lawrence Lee	
Ray Chan	

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Young Geotechnical Club

Marcus Man	<i>Leader</i>
Ellen Lee	<i>Deputy Leader</i>
Athena Chan	
Krista Chan	
Ashley Cheng	
Ice Cheung	
Saad Faizi	
Dominic Fung	
Daniel Ho	
Gloria Ip	
Jack Li	
Hayden Luk	
Jerry Ng	
Joseph Tsang	
John Wu	
Connie Yam	
Derek Yu	
Ryan Yuen	
Regis Chee	<i>Advisor</i>
Tony Ho	<i>Advisor</i>

Overseas Technical Visit to Dubai, 27 March – 2 April 2026

Victor Wong	<i>Leader</i>
Andy Leung	
Gavin Toh	
Kelvin Choi	
Lawrence Lee	
Matthew Heung	

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Appendix B - List of Technical Meetings, Workshops, Seminars

Date	Speaker(s)	Topic
4 Jul 25	Prof. Richard Jardine	Time-dependent axial capacity of piles driven in clays and sands, with applications in Taiwan Strait windfarm developments
11 Aug 25	Ir Kevin S P Lam	Successful Interception of Channelised Debris Flows by Rigid Debris-resisting Barrier above Hong Chi Pinehill Village Built under LPMitP
16 Aug 25	Various	Quality Supervision of Soil Nail Construction
22-23 Aug 25	Various	2025 年度粵港澳大灣區岩土工程青年學者論壇
3 Nov 25	Prof. Victor Li	Engineering Applications of Ductile Concrete (ECC)
22 Nov 25	Ms. Y M Sin & Mr. Steve Williamson	e-Workshop on Natural Terrain Hazard Study (NTHS)
2 Dec 25	Prof Rinaldo Borja	HKU-HKIE GD 13th Lumb Lecture
12 Dec 25	Various	Joint SCCT-International Conference on Concrete Technologies 2025
16-17 Jan 26	Dr Nick Barton	Rock Mechanics Workshop
31 Jan 26	Various	e-Workshop on Natural Terrain Hazard Mitigation (NTHM)
2 Mar 26	Ir Tang Chi Ming & Dr. Herbert Zheng	Construction of Elevated Slip Road at Shap Pat Heung Interchange Using Innovative Low-density – Engineered Cementitious Composite (LD-ECC)
21 Mar 26	Ms Chloe KS Chan & Ir Yumi YM Chu	e-Workshop on GI Planning and Laboratory Soil Testing
4 Mar 26	Various	Fugro Prize 2025/2026 – Presentation Competition
Apr 26	Various	Top-up Course for TCP T3 on GIFW and Building Works with Significant Geotechnical Content
9 Apr 26	Prof. Bak Kong Low	Efficient Probability and Reliability Methods for Engineering, with Insights

Appendix C - List of Technical Visits

Date	Project Name	Client	Consultant	Contractor
30-Aug-25	Contract YL/202/01 Lok Ma Chau Loop - Land Based Deep Cement Mixing Project	CEDD	AECOM	CRCC-Kwan Lee-Paul Y JV
13-Sept-25	Macau Light Rail Transit East Line	Macao SAR	STEC	SETC/China State
18-Oct-25	Contract CV/2022/11- Site Formation and Infrastructure Works for Public Housing Development near Tan Kwai Tsuen, Yuen Long	CEDD	Binnies	Build King Joint Venture
18-Oct-25	Contract 21/WSD/21- Diamond Hill Water Reservoir Caverns	WSD	Binnies	Chun Wo-Sinohydro JV
20-Dec-25	Technical Visit to Shenzhen Geokey Ltd.	Geokey	n/a	Geokey Foundation Engineering Co., Ltd
10-Jan-26	Contract YL/2021/04 - Contract 2 Construction of New Slip Road S2 LD-ECC Road Embankment	CEDD	AECOM	CREC Joint Venture
2-May-26	Contract YL/2022/01 -Site Formation and Infrastructure Works for Yuen Long South First Phase Development - Contract 3 (RTBM)	CEDD	AECOM	CRBC Joint Venture
6-Jun-26	Contract No. SD/2024/01 - Site Formation and Infrastructure Works for Public	CEDD	WSP	Sang Hing - Kuly Joint Venture

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Date	Project Name	Client	Consultant	Contractor
	Housing Development at A Kung Ngam Village, Eastern			
13-Jun-26	Contract DC/2024/03 - Drainage Improvement Works in Wong Tai Sin	DSD	WSP	BK-STEC Joint Venture
Jul-26	Contract No. YL/2023/02 - Hung Shui Kiu/Ha Tsuen New Development Area Second Phase Development - Contract 2 - Fresh Water Service Reservoir and Associated Mainlaying Works	CEDD	Arup	CW-BK-YH JV
Aug-26	North District Hospital (NDH) expansion project	HA	-	Leighton-CRFG JV
Sept-26	Contract No. DC/2024/04 - Drainage Improvement Works in Kowloon City	DSD	Binnies	Chun Wo

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1. Terence YAU Lap Yan will step down from the post of Chairman and become the Immediate Past Chairman.
2. Ir Dr LEE Siew Wei will retire from the post of Immediate Past Chairman.
3. The following Ordinary Members will retire after the current session:

Ir Warren DOU Huaren	CRBC(HK)
Ir Kenneth LAI Chi Kin	Housing Department
Ir Alvin LAM Kam Ming	Arup
Ir Clifford PHUNG Wing Cheung	Tapco Civil Engineering Co. Ltd.
Ir Victor WONG Wing Lung	AECOM

4. The members nominated by the outgoing Division Committee to fill the vacancies in Session 2026/2027 are as follows:

Chairman:	Ir Alvin LAM Kam Ming	Arup	
Ordinary Members:	Ir Warren DOU Huaren	CRBC(HK)	(re-nominated)
	Ir Kenneth LAI Chi Kin	Housing Department	(re-nominated)
	Ir Clifford PHUNG Wing Cheung	Tapco Civil Engineering Co. Ltd.	(re-nominated)
	Ir Dr Clarence Edward CHOI	HKU	
	Dr Andy LEUNG Yat Fai	PolyU	

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 Dr Clarence Edward CHOI HKU

6. The members nominated by the outgoing Division Committee to fill the vacancy for the Ordinary Members under the age of 35 in Session 2026/2027 are as follow:

Ir Ellen LEE Ching Yan CEDD

7. The following Ordinary Members will continue to serve on the Committee:

Ir CHAN Wai Keung, Ray	Aurecon
Ir Kelvin CHOI	Dragages
Ir Thomas HUI Hoi Hon	GEO
Ir HUNG Kin Chung, Roy	GEO
Ir Florence KO Wan Yee	GEO
Ir LAU Wan Chi, Carmen	ACEOM
Ir MAK Chi Wai, David	ACEOM
Dr WONG Ngai Yuen, Louis	HKU
Ir FUNG Yat Fan, Dominic	GEO (Young Ordinary Member)
Ir Derek YU	AECOM (Young Ordinary Member)