



Malaysian Geotechnical Society

WEBINAR—

SMART PRODUCTIVITY, SAFE DELIVERY, AND BUILD QUALITY IN FOUNDATION AND GEOTECHNICAL WORKS



Speaker

Ir. Dr. Gavin Toh Seng Huat

Lambeth Associates Ltd (a member of Gammon Group)

20 May 2024 (Monday)

4.00—6.00 pm, via Zoom

- BEM Approved CPD Hours: Applying
- PEB PDUs: Applying
- [Click here to register](#)

Synopsis The talk will focus on foundation and underground geotechnical work in building projects. Some common risks and constraints will be discussed, and how digital technologies help in the initial planning and design stages through to construction. With digital representation of the work such as BIM, engineers can develop solutions that integrate existing and future data, spatial and sequential details, along with the whole construction process that enables early planning and identifies problems in the virtual world before it happens in the real world. In the construction stage, advanced tools and smart sensors that improve productivity and safe delivery will be discussed. Different construction methods such as modularisation and standardization facilitate safety and build quality will be highlighted.

Speaker's Profile Ir. Dr. Gavin Toh came to Hong Kong in 1993 after completing his PhD at the University of Western Australia. He has 30 years of experience in design and construction of foundation and underground geotechnical works. He is currently a Deputy General Manager of Lambeth Associates Ltd. Lambeth is an in-house engineering consultancy of Gammon. He is currently responsible in managing the Foundation and Geotechnical Team to provide safe, economical, and innovative geotechnical engineering solutions for a variety of civil, railways, tunnels, and buildings projects in Hong Kong. He is actively serving in professional bodies such as HK Institution of Engineers (HKIE), and Institution of Civil Engineers (ICE). He is currently the Chairman of the Geotechnical Division of the HKIE. He serves as ICE Chartered Professional Reviewer from 2014, and HKIE Geotechnical Discipline Professional Assessor since 2020. He has published 19 papers and presented technical talks in seminars and workshops at different engineering related societies. He is also a Registered Geotechnical Engineer (RGE), and Registered Structural Engineer (RSE) with the Buildings Department.

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MGS/IEM/GeoSS/CTGS/HKGES Member:

Free

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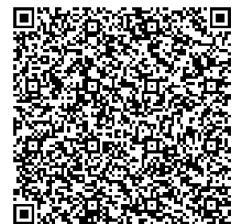
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- ✓ A minimum attendance of 75% is required in order to obtain a certificate of attendance.

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