

Geotechnical Engineering Seminar 2025



YB. Zairil Khir Johari

***Officiate by
Guest of Honor***

**Penang State EXCO,
Infrastructure, Transport and
Digital**



**YBhg. Dato' Ir. Rajendran
P. Anthony**

***VVIP &
Keynote Speaker***

**Geotechnical Engineering
Challenges in Penang.**

**Mayor,
City Council of Penang Island**



Prof. Dr. Taiki Saito
Toyohashi University of
Technology (TUT), Japan

**Earthquake Disaster
Prevention and Challenges**



Ir. Som Pong Pichan
Public Work Department (JKR),
Malaysia.

**Enhancing the Quality of
Site Investigation Works**



Dr. Seah Tian Ho
Alfa Geotech Co., Ltd,
Thailand

**Ground Improvement by
Prefabricated Vertical Drain
(PVD) Method**



Dr. Muthusamy Karthikeyan
Surbana Jurong Consultants
Pte Ltd, Singapore

**Sustainable Approach to Climate-
Resilient Coastal Protection**



En. Muhammad Joehan
Petronas, Malaysia.

**Geohazard Risk Assessment
Using Machine Learning**

Ascott Hotel, Penang | 28th August 2025 | 8.00am-5.30pm | CPD: 7 | Ref. No. : IEM25/PG/223/S |
IEM Member : RM200 | IEM Senior/ Graduate/ Student Member : RM150 | Non-Member : RM300 / USD100 |

Programme

From	To	Programme
8.00 am	8.30 am	Registration
8.30 am	8.40 am	Welcoming Speech by Organising Chairlady Ir. Heng Lee Sun
8.40 am	8.50 am	Opening Speech by guest of honour - YB Zairil Khir Johari
8.50 am	9.00 am	Presentation of Appreciation / Photo session
9.00 am	9.30 am	Tea Break - Breakfast Refreshment / Press Conference
9.30 am	10.15 am	Keynote Speaker YBhg Dato' Ir. Rajendran P. Anthony
10.15 am	11.00 am	Speaker : Prof. Dr. Taiki Saito
11.00 am	11.45 am	Speaker : Ir. Som Pong Pichan
11.45 am	12.15 pm	Q&A (Moderator : Ir. Yeap Geok Ngoh)
12.15 pm	2.00 pm	Lunch time
2.00 pm	2.15 pm	Presentation of Certificates of Appreciation Sponsors
2.15 pm	3.00 pm	Speaker : Dr. Seah Tian Ho
3.00 pm	3.45 pm	Speaker : Dr. Muthusamy Karthikeyan
3.45 pm	4.00 pm	Tea Break
4.00 pm	4.45 pm	Speaker : En. Muhammad Joehan
4.45 pm	5.15 pm	Q&A (Moderator : Ir. Dr. Tan Jia Jun)
5.15 pm	5.30 pm	Closing Speech by IEM Penang Branch Chairman Ir. Dr. Lee Choo Yong

Geotechnical Engineering Seminar 2025