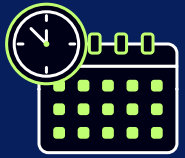


**BEM Approved CPD: 7**  
**REF. NO.: IEM24/HQ/157/S**



**13<sup>TH</sup>**  
**JUNE 2024**  
8AM - 6PM

**VENUE :**  
**ARMADA HOTEL,**  
**PETALING JAYA**

# ONE DAY SEMINAR ON GROUND IMPROVEMENT

## SYNOPSIS

Join us for a one-day seminar exploring the latest advancements in ground improvement techniques and case studies. Renowned experts will share their insights and experiences in utilizing various methods to enhance soil stability and add value to construction projects with soft ground.

## SPEAKERS



MR. THOMAS DOMANSKI



IR CHEN CHEAN SIN



DR. LEONG KAM WENG



DR. CHEW SOON HOE



IR. TAN KOK JYH



IR. TAI LEE YOON



IR. YEE TACK WENG



MR. RICHARD ONG

Email to :  
amira@iem.org.my or  
call at :  
03-78900 134

## Registration Fee (subject to 8% SST)

GRADE	ONLINE FEE (through IEM Website)	NORMAL FEE (through email)
IEM / MGS Student Member	RM 200	RM250
IEM / MGS Member	RM300	RM350
Non-IEM /MGS Member	RM600	RM700

To register, [CLICK HERE](#)



APPROVED DURATION:  
APPLYING

# PROGRAMME

Time	Description	Speaker
8.00am - 9.00am	Registration & Light Refreshment	
9.00am – 9:45 am	Lecture 1 – Reclamation of Land using Reinforcement Techniques in Form of Stone Columns and Deep Soil Mixing, Case Studies from Hong Kong	Mr. Thomas Domanski
9.45am - 10.30am	Lecture 2 - Ground Improvement using Surcharge Method over Peaty Soil - Results of A Trial Embankment	Ir. Chen Chean Sin
10.30am - 11.00am	Morning Tea Break	
11.00am - 11.45am	Lecture 3 – Applications of Deep Soil Mixing for Earth Retaining Structure System	Dr. Leong Kam Weng
11.45am - 12.45pm	Lecture 4 – Geosynthetics Reinforcement for Ground Improvement	Dr. Chew Soon Hoe
12.45pm - 1.00 pm	Question & Answer	
1.00pm - 2.00pm	Lunch	
2.00pm - 2.45pm	Lecture 5 – Case Study on Ground Improvement – Pan Borneo Sabah	Ir. Tan Kok Jyh
2.45pm - 3.30pm	Lecture 6 – Case Study on Ground Improvement – Pan Borneo Sarawak	Ir. Tai Lee Yoon
3.30pm - 4.00pm	Afternoon Tea Break	
4.00pm - 4.45pm	Lecture 7 – Reduction of pavement distress due to excessive moisture and expansive clay subgrade using moisture management and mechanical stabilization techniques	Ir. Yee Tack Weng
4.45pm - 5.30pm	Lecture 8 – Vertical Drains and Vacuum Preloading for Soft Ground Stabilisation	Mr. Richard Ong
5.30pm - 6.00pm	Question & Answer	



# REGISTRATION FORM

No	Name (s)	M'Ship Number	IC No.	Fee (RM)
SUB TOTAL				
ADD SST @8%				
TOTAL PAYABLE				

\*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed upon payment. Enclosed herewith a crossed cheque No: \_\_\_\_\_ for the sum of RM \_\_\_\_\_ issued in favour of "The Institution of Engineers, Malaysia" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the cancellation term. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Name \_\_\_\_\_ Designation: \_\_\_\_\_

Adress: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Tel No: \_\_\_\_\_ Email: \_\_\_\_\_

\_\_\_\_\_  
Signature & Stamp

\_\_\_\_\_  
Date

Kindly email the registration form to [amira@iem.org.my](mailto:amira@iem.org.my)

**IMPORTANT:**

Participant / company that **APPLY THROUGH HRDC, MUST EMAIL the Registration Form** to IEM Secretariat and no need to register and pay through IEM portal. **STRICTLY**, secretariat **will not entertain** shall you wish to **CHANGE TO HRDC AFTER PAID THROUGH THE IEM PORTAL.**

*Your cooperation is highly appreciated.*

**CANCELLATION POLICY**

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

**PERSONAL DATA PROTECTION ACT**

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

# SPEAKERS' BIODATA



**Mr. Thomas Domanski** currently holds the positions of Senior Consultant and Proprietor of TDA Geotechnical Services Sdn Bhd Malaysia, a Company which supports Employers and Contractors in overcoming difficulties in foundation (inclusive soft ground treatment) and retaining wall projects. He holds a Master of Civil Engineering majoring in Geotechnical Works and Soil Mechanics, obtained in 1983 at the Technical University Braunschweig, Germany. He held the Singapore BCA required position of Technical Person and Approved Person for over 20 years. He is the author of many papers for international conferences to present his experience in ground improvement, deep piling works and retaining structures. Thomas is a Member of the Malaysian Geotechnical Society and TDA is a Corporate Fellow of UTM Geotopic.

**Ir. Chen Chean Sin** graduated with Bachelor of Science (Civil Engineering) from the Department of Civil Engineering, National Taiwan University, Taiwan in 1988. He then worked as a Geotechnical Engineer in Sino Geotechnology Incorporation, Taiwan. In year 1991, he continued his further study in the University of Illinois at Urbana-Champaign, USA. After he obtained his Master Degree in Geotechnical Engineering, he continued his professional career in Sino Geotechnology Incorporation, Taiwan. In 1996, he joined SSP Geotechnics Sdn Bhd, Malaysia, as a Senior Geotechnical Engineer. He had involved in many local and oversea projects including hill site development, soft ground treatment, MRT and electrified double track railway projects, land reclamation, deep basement excavation, failure investigation, remedial design works and others. Currently, he is the Engineering Director of SSP Geotechnics Sdn Bhd.



**Dr. Leong Kam Weng** is currently the Director of Keller Foundations and is heading the business development for the ground improvement business in the ASEAN region. He graduated from University of Malaya, Malaysia with a Bachelor of Engineering (First Class Honour) in Civil Engineering. Then, with a PhD from the National University of Singapore, he has been actively involved in the design and execution of Ground improvement projects in the South East Asia for Keller such as Exxon Mobil refinery plants and Neste Renewable Energy plants in Singapore and the KVMRT project in Malaysia. He has also been a member of the Geotechnical Society of Singapore (GeoSS) since 2008 and has been actively serving on the committee ever since. He was the President of GeoSS for 2016-17 and was awarded the Outstanding Geotechnical Engineer award by GeoSS in 2018 for his contributions to society and industry.



**Dr. Chew Soon Hoe** is an Assistant Professor at the Department of Civil and Environmental Engineering at National University of Singapore. Being a Professional Engineer with a PhD from the University of Berkeley, USA, he is currently the deputy director of the Centre for Protective Technology, which is a research and development centre jointly formed by Singapore's Ministry of Defence and NUS. He is also currently a council member of the Institution of Engineers, Singapore, the President of Southeast Asia chapter of International Geosynthetics Society (IGS) and the President of Singapore Chapter of the American Society of Civil Engineers (ASCE). Dr. Chew has published extensively on soft clay and ground improvement topics. Receiving many awards ranging from "Defence Technology Prize" by the Ministry of Defence (2006), "Minister Innovative Awards" by the Ministry of Transportation (2011), "Minister's Awards (Team)" by the Ministry of National Development to "IES Outstanding Engineering Award 2021", "ASEAN Outstanding Engineering Award 2021, and several patents registered in several Asian countries,





# SPEAKERS' BIODATA



***Ir. Ts. KJ Tan, JP*** is the current Vice Branch Chairman of IEM and the past Chairman of ACEM Sabah Branch and also the past president of Sabah Engineers Association. He has obtained his Msc. in River, Estuary and Coastal engineering from Imperial College London, England, and BSc (Hon) in Civil Engineering from Oklahoma State University, USA. He is the present director of PY Konsep Perunding S/B. He has worked in overseas such as England, Australia, and Brunei. Ir. Ts. KJ Tan, JP has extensively involved in the preparation of Sabah Pan Borneo Highway Project as well as planning, design, and supervision of the work package Projects. He has also involved in the study of River Basin flood studies. He has presented several papers locally and internationally in the field of water resource management and infrastructural development.

***Ir. Tai Lee Yoon*** obtained his Bachelor of Science in Civil Engineering from The City University, London (1980). At the present he is the Director of Jurutera Jasa (Sarawak) Sdn. Bhd. He has about 43 years' experience as consulting engineer major involvement in civil, infra-road works, geotechnical works, flood mitigation study, drainage master plan study and etc.



***Ir. Yee Tack Weng*** graduated from University of Malaya with Bachelor Degree in Civil Engineering and has more than 40 years of practical experience in Geotechnical and Geosynthetics Engineering. He currently holds a position of Sr. Technical Manager at Tencate Geosynthetics Asia (a SOLMAX company). Ir. Yee is a holder of more than 5 patents and has published more than 50 technical papers and presentations in various conferences and journals.

***Mr. Richard Ong*** obtained his bachelor's degree in civil engineering from Universiti Teknologi Malaysia (UTM) in 2000. In 2002, he completed his master's degree in geotechnical engineering from Nanyang Technological University (NTU), Singapore. He has been working in the field of geotechnical engineering since graduation, particularly in the field of slope stability, reinforced soil structures, ground improvement and geosynthetics. He is currently serving as a committee member for the Geotechnical Engineering Technical Division of Institution of Engineers, Malaysia.



# EXHIBITIONS BOOKING FORM

One Day Seminar on Ground Improvement  
Armada Hotel, Petaling Jaya  
13th June 2024

PLEASE TICK (✓) IN THE APPROPRIATE BOXES BELOW (ALL SUBJECT TO 8% SST):

Exhibition Booth / Advertisement		Amount (RM)	Entitlement
Exhibition Booth ( size 3m x 3m)		6500	<ul style="list-style-type: none"> <li>• 2 exhibitors</li> <li>• 2 complimentary seminar participants</li> <li>• 1 page advertisement (inside page colour)</li> </ul>
Add on (optional)			
Outside back cover (colour)		1500	<ul style="list-style-type: none"> <li>• Additional 3 complimentary seminar participants</li> </ul>
Inside front cover (colour)		1000	<ul style="list-style-type: none"> <li>• Additional 2 complimentary seminar participants</li> </ul>
Inside page (colour)		500	<ul style="list-style-type: none"> <li>• Additional 1 complimentary seminar participants</li> </ul>
TOTAL AMOUNT			
ADD SST @8%			
TOTAL PAYABLE			

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Enclosed herewith a crossed cheque No: \_\_\_\_\_ for the sum of RM \_\_\_\_\_ issued in favour of "The Institution of Engineers, Malaysia" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee as stated in the cancellation term. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Name \_\_\_\_\_ Designation: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Tel No: \_\_\_\_\_ Email: \_\_\_\_\_

Signature & Stamp

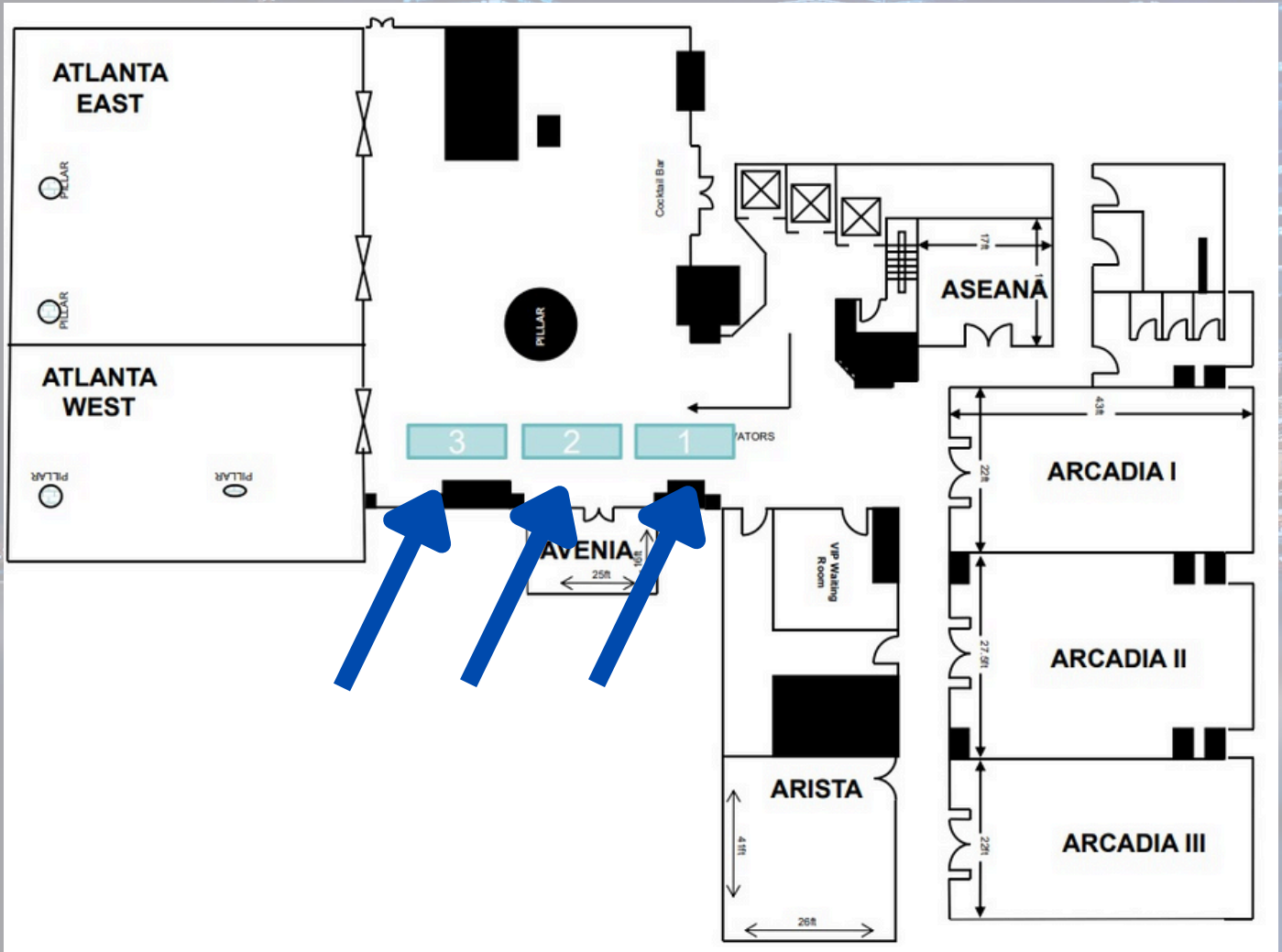
Date



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**PLEASE CIRCLE THE BOOTH SELECTION:**

**Booth 1/2/3**