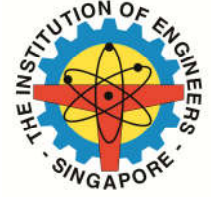


Workshop on Design of Earth Control Measures for Minor Works – Part 2: Drainage Works 8th run



**** Supported by UTAP**

Introduction

Since 2002, PUB, the Association of Consulting Engineers (ACES) and the Institution of Engineers Singapore (IES) have jointly rolled out various ECM programmes, from awareness building, engagement of various stakeholders to launching of ECM related certification courses. This is to ensure that we have active, beautiful and clean waterways that Singapore can be proud of. Today, we have a pool of over 300 Qualified Erosion Control Professionals (QECPs) with the required knowledge and qualification to design ECM systems for construction sites that can comply with PUB's requirements.

PUB has plans to further improve productivity in the ECM plan approval process. Starting Jul 2021, ECM proposal for minor works such as minor trenching works, development works without basement of a specified area, drainage works up to a specified width, and improvement to existing carparks will be processed based on QECP's professional self-declaration.

Objectives

The objective of this series of workshop is to re-engage QECPs in fundamentals of ECM plans, specifically in relation to minor works to allow them to work with Contractors successfully to complete the works while ensuring compliance with silty water discharge limits.

Course Outline

- Introduction on minor ECM work and outline for the workshop
- Briefing on Drainage Works project / project requirements
- Break out into individual groups to work on ECM for Drainage Works project
- Presentation by individual groups on Drainage Works project
- Summary and debrief on good practices for Drainage Works project

Details

Date : 30 May 2024, Thursday

Time : 9am – 2.30pm

Duration: 5 hours

Delivery Mode: Classroom Training

CPD : 5 PDU(QECP)(Confirmed),
4 PDU & 4 PDU(CEng)
(To be confirmed)

Fee (include GST):

IES Member: \$299.75

Non-member: \$343.35

Certificate of Attendance will be awarded to participants who have completed the course survey and assessment.

Target Audience

QECPs ONLY

IES Academy@Jurong East

80 Jurong East Street 21, #04-10

Devan Nair Institute for Employment and

Employability

Singapore 609607

Contact Person: Christine Lau

DID: 6461 1248 | Main Line: 6463 9211

E-mail: christine.lau@iesnet.org.sg

Trainers' Profile

Er. Dr. Chew Soon Hoe, SrMIES, MASCE, MIGS, PEng (Singapore)

Dr Chew Soon Hoe received his PhD from University of California at Berkeley. He is currently an Assistant Professor in the Department of CE, NUS, and also holds the position of Deputy Director of the Centre for Protective Technology, NUS.

His research interests include geosynthetics, slope engineering, land reclamation, soil improvement, numerical modeling in geotechnical engineering and geo-environmental engineering. In the past 15 years, he has conducted extensive research on geosynthetics, especially on the reinforcement, filtration and drainage applications of geosynthetics material. His particular interest is in the evaluation of the suitability as well as the proper design philosophy of the geosynthetics material in local soil conditions and construction practices. His other research interests include survivability of geotextiles, geosynthetics for erosion control, vertical drains testing and applications.

He has been very actively promoting the use of geosynthetics in civil engineering construction, and has been engaged as consultant to government agencies and private consultants and contractors on geosynthetics related projects and construction in this region. He is also actively consulted in general area of geotechnical engineering including slope stability, pile foundation and excavation related problem. He is currently the President of the Southeast Asia Chapter of the International Geosynthetics Society. He has published very widely and was invited to deliver a number of keynote and special lectures, including in the GaoAsia 2000 conference in KL and the 7TH International Geosynthetics Conference in Nice, France, 2002, 4th Asia Regional Geosynthetics Conference in Shanghai, 2008, and 4th Europe Regional Geosynthetics Conference in Edinburgh, 2008.

Er. Teo Ee Huat, BE (Hons), M.Ed, MSc (Civil), Msc (International Construction Management), PGD (Construction Management), P.E (Singapore), MIES

Er. Teo Ee Huat has extensive working experience in the industry and spent 6 years working in design and supervision of wastewater/water treatment plant related projects, as well as hospitality, commercial and transportation projects in Singapore. He also worked in wastewater/water treatment plants in Malaysia, Brunei, Bintan Island and the neighbouring islands. He is a Singapore registered Professional Engineer and Qualified Erosion Control Professional.

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Date: 30 May 2024, Thursday

Time: 9am – 2.30pm

Delivery Mode: Classroom Training

Fees (Include GST): IES Members: **\$299.75**

Non-Members: **\$343.35**

Please register online/fax the completed form by **20 May 2024 before 3pm** to:

Contact Person: **Christine Lau**

IES Academy@Jurong East

80 Jurong East Street 21, #04-10

Devan Nair Institute for Employment and Employability

Singapore 609607

Tel: **6463 9211** Fax: **6563 6030**

Participant Details

*Name : _____ *NRIC : _____
(Please written in BLOCK Letter)

Company : _____ *Designation _____

*Address 1 : _____
(For mailing of invoice and receipt)

*Postal Code : _____ Sex : _____ Male / Female

*Contact No. : _____ Fax : _____

*Your Email : _____
(For sending of confirmation email, preferable personal unless company sponsored)

Please indicate: IES members IES M'ship No.: _____ P.E. No.: _____ (if applicable)

Non-members Affiliated member: _____

Sponsored by company (Please indicate the Contact person detail)

Contact Person Details (if different from participant)


#Name : _____ #Designation : _____

#Contact No. : _____ Fax : _____

#Email : _____

Payment Details

~ Payment via bank transfer or PayNow. All Fees are inclusive of 9 % GST.

Beneficiary: IES Academy Pte Ltd Bank: United Overseas Bank SWIFT: UOVBSGSG Bank Code: 7375 Branch Code: 016 Bank Account number: 339-326-153-4	PayNow: IES Academy Pte Ltd UEN:202026912H 
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Acceptance of Terms and Conditions for Registrations of IES Academy's Events

I agree to abide by the Terms and Conditions for Registration of IES Academy's Events.

Name : _____ Signature : _____

***Mandatory entry**

#Compulsory Entry for participant who choose to be INVOICE to your company

TERMS & CONDITIONS COURSE REGISTRATION

Registration

Any registration, whether on-line or fax will be on a ***first-come-first-served basis*** and will only be confirmed upon receipt of full payment by **IES Academy Pte Ltd** unless otherwise invoice to company.

All registrations must be submitted with duly completed registration form.

Closing Date

The closing date of the event will be 1 week prior to event commencement date or earlier.

Confirmation of Registration

Confirmation of registration will be given at least 1 week before the commencement date via email. ***If you do not receive the said confirmation email, you are required to contact IESA at 6463 9211 during office hours.***

IESA reserves the right to allow only confirmed registrants to attend the Event.

Withdrawals/Refunds of Fees

Written notice **at least 1 week in advance** before the commencement of the event

Full course fee shall be refunded subjected to 4.5% transaction charge.

➤ **NO** refund otherwise.

No show of participant would not be accepted as a valid reason for withdrawal/refund.

One-time replacement is allowed only if written notice is received by us at least 1 week before the commencement of the event. However, when an IES member is replaced by a non-member, the participant has to pay the difference in the relevant fees.

Cancellation/Postponement

Changes in Venue, Dates, Time and Speakers for the Events can occur due to unforeseen circumstances. IES reserves the full rights to cancel or postpone the Event under such circumstances without prior reasons. Every effort, however, will be made to inform the participants or contact person of any cancellation or postponement.

Fees will be refunded in FULL if any Event is cancelled by IESA.

UTAP (Union Training Assistance Programme) is an individual skill upgrading account especially for NTUC members. As a member, you enjoy UTAP funding at 50% of the unfunded course fee capped at \$250 every year.

Please visit [HERE](#) for more information on UTAP claim.

PERSONAL DATA PROTECTION ACT

I consent to the processing by Institution of Engineers, Singapore of personal data, including sensitive personal data as defined in the Data Protection Act 2014, about me for the proper purposes of Institution of Engineers, Singapore (IES). I undertake to observe the provisions of the Data Protection Act 2014 in relation to any personal data I may myself hold and process as a Members of Institution of Engineers, Singapore, and I agree to indemnify Institution of Engineers, Singapore from liability for any claims or damages that may arise from the processing of this data. For more information kindly refer to [here](#).

Enquiries

For further enquiries, please contact IESA general office at Tel: 6463 9211.