



# C&S Joint Accreditation Committee



## Talks on Construction Practices & RE/RTO Awards Night 2022-2023



Date: 17 Feb 2023 (Friday)

Time: 5:45pm to 9:00pm

Venue: The Republic Cultural Centre (TRCC)  
@ TRCC Studio (Level 2), 9 Woodlands  
Avenue 9, Republic Polytechnic, (S) 738964



CPD Approved: 2 STU (Structural) Approved / 2 PDU - (TBC)

Registration Fee: \$55 (nett) for  
C&S RE/RTO/ IES & ACES members

Others: \$90 (nett)

Register here: <https://www.jotform.com/62411642363954>



# EVENT HIGHLIGHTS

**5.45PM - Start of Registration**

**6.15PM - Dinner Buffet (HALAL Certified)**

**7.00PM - Welcoming Guest-of-Honour, Er. Thanabal s/o Kaliannan,  
Group Director, Building Resilience Group, Commissioner of Building Control**

**7.05PM - Welcome Address By Er. Chuck Kho, Co-Chairman of IES/ACES RE/RTO Joint  
Accreditation Committee, President of ACES**

**7.15PM - Talks by Mr Ray Tan, Senior Manager WSH Council**

**7.35PM - Talks by Ms Nur Fadhillah Bte Mahd Gani, Principal Special Investigator, CPIB**

**8.05PM - Talks by Er. David Ng, Honorary Secretary of IES**

**8.35PM - Presentation of Exemplary Site Supervisor Award for 2022**

**8.45PM - Group Photos Session**

**9.00PM - End of Event**

# SPEAKERS' PROFILE & SYNOPSIS

**Mr Ray Tan is a Senior Manager, WSH Council**

Mr Ray Tan is a manager working in Workplace Safety and Health Council in Singapore. He has about 10 years of experience in the construction and process plant with the passion for improving the workplace safety and health system in the industry to prevent loss of lives due to workplace accidents.

**Topic: Total Workplace Safety and Health: Enhancing health and well-being for better work performance and safety**

The health and well-being of a person can affect his safety (and that of others) and how well he works (i.e. performance and productivity). Vice versa, work and safety of the person can also affect one's health. In short, work, safety and health are inter-connected and hence needs to be managed together. This approach is known as Total Workplace Safety and Health (Total WSH). You can look forward to find out more on how health and well-being can impact safety and work, and tips on what you can do to manage them better.



**Ms Nur Fadhillah Bte Mahd Gani is a Principal Special Investigator at the Corrupt Practices Investigation Bureau (CPIB)**

Ms Nur Fadhillah was involved in the investigation of corruption offences as well as other white collar offences.

**Topic: Understanding Corruption**

- a. What is corruption
- b. Offences under the Prevention of Corruption Act (PCA), Cap 241
- c. Corruption Situation in Singapore
- d. Cases of Interest
- e. Anti-Corruption Measures

# **SPEAKERS' PROFILE & SYPNOSIS**

**Er. David Ng is a Professional Engineer (Civil), Specialist Professional Engineer (Geotechnical), Qualified Erosion Control Professional (QECP), ABC Water Professional and Competent Person (CP) for Periodic Facade Inspection (PFI) In Singapore.**

Er. David has been involved in publication of more than 70 technical papers in the field of geotechnical and environmental engineering. He has more than 20 years of experience in management, planning, design and construction of major infrastructure, transportation and coastal projects in Singapore, Malaysia and India. He is co-founder of One Smart Engineering Pte Ltd which has offices and operations in Singapore, Malaysia and India. Er David Ng is currently an adjunct lecture for National University of Singapore (NUS) and The Institution of Engineers Singapore Academy (IESA). He has been appointed as CEE Mentor for the School of Civil and Environmental Engineering of Nanyang Technological University (NTU). Er David Ng is currently the Honorary Secretary of The Institution of Engineers Singapore (IES).

## **Topic: Critical Factors Affecting Slope Stability and How A Good Slope Inspection Can Help to Prevent Slope Failure**

There are many factors that could lead to instability of slopes and surface erosion of slopes. It is important to understand the fundamental principles of slope stability and how the various factors affect the slope stability. With this understanding, it is therefore important to have a comprehensive and proper slope inspection checklist so that proper and regular inspection of the slope can be carried out. In the event of slope being identified to have some sign of slope instability, necessary slope stability enhancement measures have to be implemented. There are many methods of slope repair and strengthening such as adding drainage path for surface runoff, protecting the slope surface with geocell, installing soil nails, enhancing with geotextile or geogrid reinforcement. In this presentation, the fundamental principles of slope stability and various critical factors affecting slope stability will be presented. The presentation will also give a comprehensive guidance on how to carry out a detail slope visual inspection. A case study of design and construction of slope stability enhancement measure for an existing slope will also be presented.