

# WEBINAR TALK ON

# “HILLSIDE DEVELOPMENT MANAGEMENT & CASE STUDY”

ORGANISED BY :  
PROJECT MANAGEMENT TECHNICAL DIVISION

BEM APPROVED CPD: 2

REF NO: IEM22/HQ/439/T (w)

**SPEAKER :**

**Ir. VINCENT WONG KHIEN NGEE**

**10 DECEMBER 2022, SATURDAY  
11.30AM - 1.30PM**

**REGISTRATION FEE :**

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# SYNOPSIS

As land development in Malaysia grows rapidly, the suitable low-lying areas for development have become more and more unavailable and the development of hilly terrain has been increased. However, such development required a proper and careful design as the hillside development may encounter flood, soil erosion, landslide, failure of slope, etc. The Project Manager for the hillside development must have a good understanding about the subsurface profile and properties in order to propose a most economical and suitable design with minimum risk to the property, environment and economy but maintain the bottom figure of business profit. The design such as slope buffer zone, slope stability, and surface runoff requirements should achieve the safety engineering requirement as part of the compliance to the local authority. The various technical and authorities requirement will always cause the development no longer feasible with low Gross Development Value (GDV) or high Gross Construction Cost (GDC). In this talk, the essential consideration of hillside development, planning, feasibility Study and management, technical consideration, authority requirements to be discussed together with few case study of the hillside development to enhance the knowledge of the audience.

## SPEAKER'S PROFILE

**Ir. Vincent Wong** is currently an Advisor of the Project Management Technical Division, IEM. He obtained his Bachelor of Engineering (Civil) and Masters of Science in Geotechnical & Geological Engineering from University Putra Malaysia. In 2002, he joined SSP Geotechnics Sdn Bhd as a Geotechnical Engineer. He was involved in the design of highways, reclamations, soft ground treatment, hilly site development, pile foundation resolutions, marine geotechnical works, electrified double track train projects, dam projects, and SMART tunnel projects. In 2005, he joined Wan Asia Corporation Sdn Bhd as a Project Manager and later Promoted as Project Director, involved in the development of hotels, commercial buildings, and residential housing projects. His passion for engineering and business drove him to start Hacent Consultant in 2006. Since then, Hacent Consultant had undertaken many reputable Developers for Civil, Geotechnical & Structural Engineering Work for Township Development, Highrise Development, Mixed Development, Factory & Industrial Park Development and Geotechnical Works. In 2017, he had provide Project Development Consultant Services that covered full spectrum of consultancy services such as Architectural, Civil & structural, Mechanical & electrical, environmental, quantity survey and etc. for the development of project in property e.g. residential, commercial & retails, industrials and etc. He facilitated and assisted client/owner in Master Concept Planning & Study, Feasibility Study, Risk Assessment, Facilitating Project Startup, Functionality & Financial Optimization, Engaging Consultant Team, Details Design, Contract Management, Sale & Marketing and Project Implementation stage until Handover stage. Today, he had handle numerous township within Klang Valley, Negeri Sembilan, Pahang and Melaka.