

Cekap

CEKAP TECHNICAL SERVICES SDN BHD
(Co. Reg. No. 199401009534 / 295213-P)

RM
3,000

EARLY BIRD

OFFER VALID UNTIL:
09 APRIL 2026



Trainer

DR. RIZWAN SHEIKH
PH.D. (DIC) M.ENG
UK TRAINER



JOIN NOW

PUBLIC TRAINING
07 MAY 2026

PER PAX

RM3,200

Venue: Concorde Hotel
Kuala Lumpur

A foundational course introducing key Metocean parameters, how winds, waves, and currents are generated, and the variables used to define and analyze them. Participants will learn the full Metocean workflow from data acquisition to modeling, interpretation, and final engineering deliverables.

REGISTRATION:

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🌐 www.cekaptechnical.com



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INTRODUCTION TO METOCEAN ENGINEERING



INTRODUCTION TO METOCEAN ENGINEERING

1 Day

**ENROLL
NOW**

Program Overview

The course programme is structured such that participants first learn about Metocean parameters and process. This includes learning about how winds, waves and currents are generated and what variables are defined to characterize their magnitudes. Subsequently, course participants will gain an awareness on how the aforementioned parameters and processes are measured or modelled. Finally, the final part of the course goes into detail on the types of analysis that are conducted on the acquired Metocean data and how these are ultimately delivered to users and stakeholders.

Who Should Attend?

- ▶ Users and recipients of Metocean operational and design statistics.
- ▶ Science and engineering professionals who wish to expand their knowledge of how meteorological and oceanographic risks are managed by offshore infrastructure developers and operators.
- ▶ Students and academics who wish to learn how applied mathematics combined with physical sciences are used in an engineering context.

Learning Outcomes

The overarching learning outcome is to raise awareness of Metocean Engineering among users and recipients of metocean data, information and reporting. This encompasses an increased awareness and understanding of primary Meteorological and Oceanographic parameters and process; how data on these are acquired and finally how these data are analysed to derive statistics for use in offshore operations and design.

Benefits

The key take-home benefits include:

- ▶ Increased awareness of the fundamental elements that comprise Metocean Engineering promotes dialogue between Metocean practitioners and their stakeholders, thereby resulting in more fit for purpose specifications and deliverables.
- ▶ Existing users of Metocean information are able with their increased awareness to review the information they receive with a more critical and objective mind thereby ensuring the information they are receiving is adequate for the purpose intended.
- ▶ Participants will gain an awareness of what information is relevant and where to find further resources from a Metocean perspective and will have the awareness to ask the pertinent questions of Metocean Engineering service providers.

Course Objectives

The primary objective of this course is to raise awareness of what Metocean Engineering is as a discipline among the users of Metocean information that are required at all stages of an offshore infrastructure project.

Course Outline

INTRODUCTION

- Welcome/HSE/Admin/Housekeeping/Introductions & Icebreaker
- Learning objectives

METOCEAN PARAMETERS & PROCESSES

Atmospheric & ocean circulation. Winds, waves, currents & water level parameter definitions

METOCEAN DATA ACQUISITION & QUALITY CONTROL

- Measurements, models & satellites
- QC of data & archiving

METOCEAN ANALYTICS

Derivation of operational and design statistics. Weather downtime assessment and advanced analyses:

1. Characterising Wind Conditions
2. Characterising Wave Conditions
3. Characterising Current Conditions
4. Characterising Water Level Conditions

COURSE CONCLUSION

Metocean standards & guidelines, where to find Metocean information and resources. Q&A

YOUR EXPERT TRAINER



DR. RIZWAN SHEIKH

Ph.D. (DIC) M.Eng. (ACGI) C.Eng C.Mar.Eng. MIMarEST

A doctorate in Hydrodynamics from Imperial College London. A Chartered Engineer with a proven track record of engineering practice and delivery of oceanographic and meteorological analytics. Global exposure demonstrated by experience working in both consultancy, major oil & gas operators and offshore wind developers. Consistent, results orientated subject matter expert coupled with strong communication and stakeholder engagement skills. Works well both independently and in a team; committed to developing the capabilities of his team, company and the wider discipline



REGISTRATION FORM

Cekap Technical Services Sdn Bhd (199401009534 / 295213-P)
www.cekaptechnical.com

TRAINING DETAILS

Title: Introduction To Metocean Engineering
Venue: Concorde Hotel KL
Date: 07 May 2026 (Thursday)

PARTICIPANTS

Name :
Job Title :
Telephone :
Email :

Name :
Job Title :
Telephone :
Email :

Name :
Job Title :
Telephone :
Email :

Note: Please attach a list of participants if insufficient space.

AUTHORISATION

Name :
Job Title :
Telephone :
Email :

ORGANISATION

Name :
Telephone :
Email :

SEND INVOICE TO

Department :
Address :
:
:

WORKSHOP FEES

- ☐ **RM3,200** Per Pax (Regular Price)
- ☐ **RM3,000** Per Pax (Early Bird Price valid until 31 Mac 2026)
- ☐ **RM3,000** Group Booking (Min. 3 pax valid until 31 Mac 2026)

PAYMENT DETAILS

- Participants must make payment prior to the course
- Payment by bank transfer should be made to: **Bank Islam Malaysia Berhad**
15G & 17G, Jalan Wangsa Delima 12, Block C, D'Wangsa Link, 53300 Kuala Lumpur
- Account Name:
Cekap Technical Services Sdn Bhd
- Account No :
14210010020516
- Swift Code :
BIMBMYKLXXX
- The fee stated is subject to 8% SST.
- We do not give refunds for cancellations. However, you may substitute participant(s) at any time.
- If we receive cancellations in writing more than seven (7) days before the training course, you will receive a 100% credit (valid for one year) to be used for another training course.
- Cancellations received less than seven days before the training course may result in no credit for future training.
- If we postpone training course, participant payments for the postponed course will be 100% credited towards the course at a rescheduled date.
- We shall assume no liability whatsoever in the event this training course is cancelled, rescheduled or postponed.
- The course fee includes refreshments, materials, and a certificate of attendance.

Please complete this form, then scan and email it to
learning@cekaptechnical.com.
For more information, please contact Firdaus at
+6019 200 3799 or Siti Nordiana at +6012 663 7742