



ANNOUNCEMENT

AGS (HK) Technical Seminar

Introduction to the Foundation Design for Offshore Wind Farm

by

Honest Tang (Senior Engineer, Arup)

Date: Thursday, 23 May 2024

Time: 18:30 – 19:30 (Hong Kong Time)

Venue: The webinar will be conducted through Zoom.

Successful applicants will be informed by emails with a Zoom's link to the webinar. Participants should arrange for their own device with a stable network environment to join the webinar.

Enquiry: agshk.org@gmail.com

Fee: Free of charge

Registration: <https://www.ags-hk.org/event-details/introduction-to-the-foundation-design-for-offshore-wind-farm>

Please register by 22 May 2024. Successful applicants will receive webinar details after registration. CPD certificate will be sent to the attendees, who attended more than 80% of the webinar time, within 2 weeks after the webinar.

Book Prize: Professionals under 35 years of age are encouraged to submit a Book Prize Report (max. 500 words) on webinars and site visits arranged by AGS (HK).

Contributors to successful Book Prize Reports will be awarded a Book Prize that comprises of a book "Geology of Site Investigation Boreholes in Hong Kong" written by Chris Fletcher, and a coupon of HK\$500 for Eslite Spectrum (誠品生活) or equivalent. The successful Book Prize Report will also be published on the AGS (HK) website to showcase your accomplishment.

Prior to report submission, please refer to the "The AGS Book Prize Reports – Assessment Framework"* on the AGS (HK) website. You may submit your Book Prize Report to our assessors by uploading the report file through the AGS (HK) website at <https://www.ags-hk.org/book-prize>. Should you have any questions, please contact us at agshk@meinhardt.com.hk.

*Link to the AGS Book Prize Reports – Assessment Framework:
https://www.ags-hk.org/files/ugd/521a4c_b94496034732484687441cf4ed4d0b9.pdf



香港岩土及岩土環境工程專業協會
ASSOCIATION OF GEOTECHNICAL &
GEOENVIRONMENTAL SPECIALISTS (HONG KONG)

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Synopsis:

The offshore wind industry has experienced remarkable growth in recent years, becoming a key player in the global renewable energy landscape. A crucial aspect of offshore wind farms is the design and construction of robust foundations that can withstand the harsh marine environment. Foundations are one of the most expensive items in the capital cost break down of an offshore wind farm and the design is a challenging and multidisciplinary task that requires an understanding of the aerodynamics, hydrodynamics, structural dynamics, and soil-structure interaction. This webinar aims to demystify the concept of offshore wind farm foundations and equip participants with a solid understanding of the key elements involved.

In this webinar, the speaker will talk about the significance of offshore wind energy and discuss the various types of foundations employed in offshore wind farms, such as monopiles, jackets, and floating platform, and help understand the critical factors considered during the design phase, including geotechnical assessments, load calculations, and environmental conditions.

About the Speaker:

Honest is an experienced engineer in the field of geotechnical and seismic engineering, as well as the design of offshore wind farm foundations. He holds the position of Senior Engineer at Arup Hong Kong. With over eleven years of geotechnical design experience, Honest has worked on deep basement excavations, deep foundations, rock face stabilization, natural terrain studies, and site formation projects for both MTR projects and private developments in Hong Kong. Additionally, he has been involved in geotechnical seismic engineering for several major infrastructure projects in both Hong Kong and overseas. Honest's expertise extends to offshore wind projects in East Asia, where he supports EPCI contractors by providing concept and detailed foundation design services and engineering advisory support to the project owners.