



Organised by:
Oil, Gas and Mining Technical Division, IEM



Webinar Talk on DEVELOPMENT OF WINDFARM INDUSTRY IN ASIA, WHATS FOR US?



9 MAY 2026, SATURDAY



MR. JUZAILI AZMI, P.GEOL

BEM APPROVED CPD: 2
REF. NO: IEM26/HQ/176/T (w)



9.00AM - 11.00AM



SYNOPSIS

The rapid growth of Asia's offshore wind industry, expected to surpass 215 GW by 2034, is reshaping the role of Malaysian geoscientists. As the region transitions from traditional hydrocarbon exploration to renewable energy, demand for subsea site characterization and geohazard assessment has intensified. This shift is not a replacement of existing expertise but a strategic re-skilling, where core competencies such as seismic interpretation, borehole logging, and sedimentology are applied to new engineering challenges. These include ensuring foundation integrity for offshore structures, mitigating geohazards like shallow gas and seabed instability, and advancing floating offshore wind technologies in deeper waters. Drawing on strong experience from the Oil and Gas sector, Malaysian geoscientists are well positioned to support complex offshore developments. This transformation also positions Malaysia as a regional talent hub, providing geophysical expertise and consultancy services to emerging offshore wind markets in countries such as Vietnam, Taiwan, and the Philippines.

SPEAKER'S PROFILE

Mr. Juzaili Azmi is a Registered Professional Geologist and currently serves as Chief Operating Officer of Ugeo Solutions Sdn Bhd since 2022. He holds a Bachelor's Degree in Applied Science (Geophysics) with Honours from Universiti Sains Malaysia (USM). With over 17 years of experience in offshore and land survey projects, he previously held key roles at Fugro Malaysia and Fugro Singapore, including Lead Geophysicist and Project Manager. His expertise includes geophysics, seismology, and earth sciences. He is an active member of professional bodies such as the Geological Society of Malaysia and Institute of Geology Malaysia, and contributes as a consultant in the wind farm industry.