

# Ecobuild SEA 2018 Seminar



**Date:** 27th March 2018 (Tuesday)

**Time:** 12.10 p.m. – 1.10 p.m.

**Title:** Value Proposition of Offshore Steel  
Structure Decommissioning

**Venue:** Room 2 KL Convention Centre

## Speaker Profile

**Assoc. Prof. Dr. Noor Amila Wan Abdullah Zawawi** is an Associate Professor and Head of the Civil and Environmental Engineering Department in Universiti Teknologi PETRONAS (UTP). She obtained her MSc and PhD from Malaysia in Building Engineering and Built Environment.

With 16 years of academic experience, her focus is on research related to revolutionising the decommissioning of offshore platforms in Malaysia and potentially the Asia Pacific region (in conjunction with the Malaysia Oil & Gas Services Council (MOGSC)) and is the lead researcher of the Decommissioning Initiatives division of the Offshore Engineering Centre, UTP (OECU).

She also trains PETRONAS engineers on decommissioning and provides training to the industry via not-for-profit and non-government organisations such as the Malaysia Structural Steel Association (MSSA) and MOGSC to the local Oil & Gas Industry.

Since 2015, she has been appointed as chair for *Rigs.volution* (a joint initiative between UTP - MSSA - CIDB Working Group in MSSA), been listed in the National Industry Expert Directory as a Panel member for the National Occupational Skills Standard (NOSS) Skills (DPIN: OG22-00-22.1: Oil & Gas (Oil)) by the Department of Skills Development, Ministry of Human Resources Malaysia and in 2016 has been elected chairman of MOGSC Decommissioning Working Group (MOGSC DWG 2016).

## Synopsis

As the offshore industry begins to enter a new phase of its oil and gas chapter after the recent oil price crisis in 2015, the Malaysian oil and gas industry is faced with yet another huge challenge in its hands. With the coming ageing of many of the existing 300 over platforms in Malaysia, the decommissioning of these offshore steel structures becomes both challenge and opportunity for the industry to face. Dr. Amila intends to explore this new facet with both the offshore and onshore industry as to how they can participate in this growing segment of the industry. Among the topics that will be addressed in this short talk are:

- Upcoming opportunities for offshore decommissioning of steel structures
- Current initiatives on offshore decommissioning
- Technical and regulatory gaps in decommissioning
- Value proposition and opportunities for service providers in the decommissioning industry