



Offshore Geohazards & Geotechnics Course for Offshore O&G and Windfarm Developments 2023

20 – 21 July 2023

Prepared by [Michael Cocjin](#), OSIGp Chair

Our highly anticipated 2-day course "OSIGp Offshore Geohazards and Geotechnics Course for Offshore O&G and Windfarm Developments," was held successfully on 20-21 July at the OceanWorks, UWA.

As a biennial event organised by the Society for Underwater Technology SUT OSIGp, this year's course brought in new, timely contents on geohazards and geotechnics, keeping abreast with the on-going energy transition in Australia (and beyond).

Amongst others, the course focused on offshore geology, geohazards and geotechnical engineering, adopting a holistic approach to show how they interact and how an improved understanding of all three disciplines can lead to optimised infrastructure solutions for both offshore oil and gas, and windfarm developments. Strong emphasis was given to experiences and best practices on soil characterisation, site investigation and engineering design of seabed infrastructure founded on carbonate soils which are problematic and are notoriously prevalent offshore Australia.

The course was delivered by industry experts and academics (see list below), with outstanding feedback received from participants coming from a wide range of backgrounds.

Due to the success of the course in Perth, SUT OSIGp are thrilled to announce the plan of delivering the course at the University of Melbourne in November later this year. Please e-mail perthevents@sut.org for expression of interests and queries for this event.

We thank all our speakers for delivering the course:

- [Michael Cocjin](#), [Carl Erbrich](#), [Rick Gillinder](#) | [Fugro](#)
- [Phil Watson](#), [Ulysse Lebrech](#), [Fraser Bransby](#), [Scott Draper](#) | [The University of Western Australia](#)
- [Michael Howard](#) | [NOPSEMA](#)
- [Andrew Grime](#) | [Arup](#) | [The University of Western Australia](#)
- [Laith Tapper](#), [Rosine RIERA](#), [Cathal Colreavy](#) | [NGI - Norwegian Geotechnical Institute](#)
- [Kevin Day](#) | Ten Point Interpretation Pty Ltd
- [Damon Sunderland](#) | [Arup](#)
- [John Morton](#) | [2H Offshore](#) (Recorded Session)



Photo caption: A highlight of the Offshore Geohazards & Geotechnics Course for Offshore O&G and Windfarm Developments was the laboratory tours at UWA, giving the participants ‘hands on’ experience on soil element testing, geotechnical modelling and flume tests. Shown here are participants during the tour at the [National Geotechnical Centrifuge Facility](#), and UWA’s O-tube facilities.

