



# An Introduction to Offshore Geophysics and Geotechnical Engineering

16<sup>th</sup> to 25<sup>th</sup> November – Online Course via Zoom Platform

---

## DAY 1 (Geophysical theme)

**16<sup>th</sup> of November**

**09.30 General Introduction**

**09.35 Chairperson – Introduction Day 1**

*Simona Caruso, Vysus*

**09.45 Introduction to and Overview of Offshore Site Investigation**

*Mick Cook, MCL Consultancy*

**10:15 Site Investigation Planning**

*Breandan Murphy, RPS*

**10.45 Break**

**10.55 Introductory Seismic Principles**

*Dei Huws, Bangor University*

**11.30 Q&A** *Simona Caruso, Vysus*

**11.40 Break**

**11.50 Interactive Activity**

*Dei Huws, Bangor University*

**12.30 Day 1 Closure**

.....

## DAY 2 (Geophysical theme)

**18<sup>th</sup> of November**

**09.30 Chairperson – Introduction Day 2**

*Andy Barwise, RWE*

**9:40 Geophysical Systems**

*Richard Orren (Consultant)*

**10.10 Geohazard Assessment**

*Gareth Wood, BP*

**10.40 Q&A** *Andy Barwise, RWE*

**10.50 Break**

**11:00 Computer Based Geophysical & Ground Modelling Practicals (Part 1)**

*Justin Dix, University of Southampton*

**11.40 Break**

**11:45 Computer Based Geophysical & Ground Modelling Practicals (Part 2)**

*Justin Dix, University of Southampton*

**12.30 Day 2 Closure**

## DAY 3 (Geotechnical theme)

**23<sup>rd</sup> of November**

**09.30 Chairperson – Introduction Day 3**

*TBC*

**09.40 Geotechnical Investigation Systems**

*Richard Metters, Gardline*

**10:10 CPT and Other In Situ Tests**

*Roi Santos, Ørsted*

**10.40 Break**

**10.50 Laboratory Testing**

*Santiago Quinteros, NGI*

**11.20 Q&A** *TBC*

**11.30 Break**

**11.40 Interactive Activity**

*Andrea Diambra, University of Bristol*

**12.30 Day 3 Closure**

.....

## DAY 4 (Geotechnical theme)

**25<sup>th</sup> of November**

**09.30 Chairperson – Introduction Day 4**

*Andrew Benson, Atkins*

**09:40 Pipeline Design**

*Stelios Panayides, Subsea 7*

**10:10 Introduction to Offshore Geotechnical Standards**

*Neil Morgan, Lloyd's Register*

**10.40 Break**

**10.50 Foundation Design for Offshore Structures**

*S. Manceau, Atkins & M. Rattley, Geowynd*

**11.30 Q&A** *Andrew Benson, Atkins*

**11.40 Break**

**11.50 Interactive Activity**

*David White, University of Southampton*

**12.30 Course Closure**