



An Introduction to Offshore Geophysics and Geotechnical Engineering

16th to 25th November – Online Course via Zoom Platform

DAY 1 (Geophysical theme)

16th 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

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DAY 2 (Geophysical theme)

18th of November

09.30 Chairperson – Introduction Day 2

Alexander Smith, Ørsted

9:40 Geophysical Systems

Richard Orren (Consultant)

10.10 Geohazard Assessment

Gareth Wood, BP

10.40 Q&A *Alexander Smith, Ørsted*

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)

23rd of November

09.30 Chairperson – Introduction Day 3

Andy Barwise, RWE

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 *Andy Barwise, RWE*

11.30 Break

11.40 Interactive Activity

Andrea Diambra, University of Bristol

12.30 Day 3 Closure

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DAY 4 (Geotechnical theme)

25th 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