

# A COMPREHENSIVE GUIDE TO OFFSHORE GEOTECHNICS

Everything You Need to Know to Begin

## COURSE BREAKDOWN

**1**

### INTRODUCTION TO WORKING OFFSHORE

- The growing demand for offshore work & the need to increase personnel to maintain standards.
- HSE concerns offshore & the qualifications needed.

### THE ROLES AND COMMAND STRUCTURE

- The different roles and chain of command from client and master down to AB and where the role of the geotechnical engineer fits in this.
- How to liaise effectively with the: office, client rep and consultancy team.

**2**

**3**

### GEOTECHNICAL ROLE, DRILLING AND CONTRACTS (PEP)

- Difference between drilling and seabed testing
- Understanding drilling
- What is a PEP?
- ISO Standards

### UNDERSTANDING CPT'S

- What is a CPT
- Optimization of CPT data and classification of data
- Interpretation of CPT data
- Fault finding

**4**

**5**

### SAMPLING AND CORING

- Different methods of sampling and coring
- Push sampling - logging testing and photos
- Logging according to ISO, and difference between standards

### LOGGING AND TESTING

- Testing according to ISO and rock testing
- Storage of samples
- Logging tips and advice

**6**

**7**

### FINAL REMARKS

- Conclusions to the Geotechnical role and working offshore
- Tips and advice from the experts