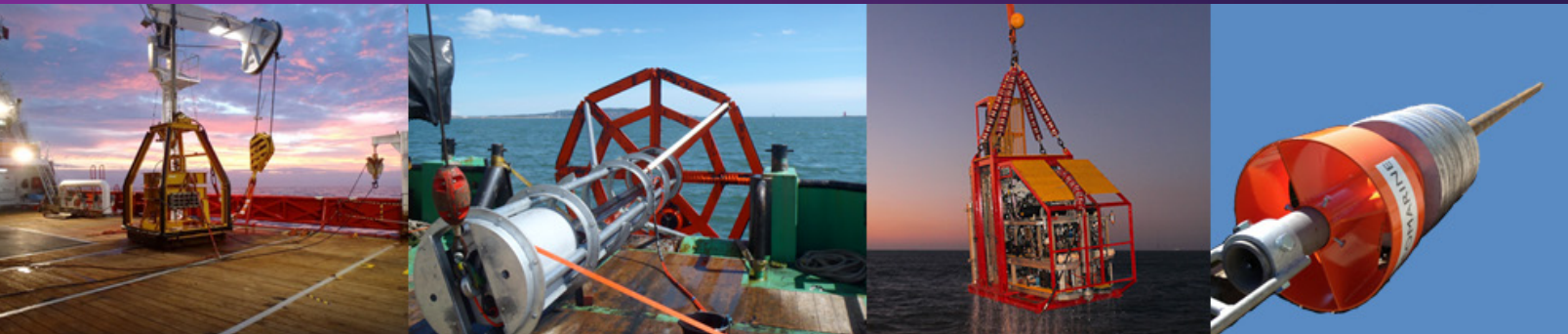




Geotechnical Investigation Services



We offer world-class offshore geotechnical site investigation services, and maintain a portfolio of geotechnical equipment stationed internationally. Our experienced and technical field staff are rehearsed in executing complex projects around the world. Both staff and equipment can be mobilised at short-notice to meet our client's needs.

UTEC Geomarine has diverse experience in geotechnical site investigation, where typical applications include:

- Offshore oil and gas exploration and field development
- Offshore pipeline and cable routes survey
- Offshore renewable energy investigations
- Soil investigation for anchored structures
- Soil investigation for shallow foundations
- Assessment of soil condition for dredging/soil borrow
- Offshore mineral prospecting and monitoring
- Near-shore civil engineering projects
- Soil sampling and geochemical testing for hydrocarbon appraisal

We own and utilise our in-house pool of investigation tools, including Piston, Gravity and Box Corers, Vibrocorers, Grab sampling units and Piezocone penetration testing systems (CPT). UTEC Geomarine also routinely work on developing advanced seabed investigation tools which we either operate ourselves or in partnership with others:

- **geoROV™ CPT & Sampler**

- ROV-deployed, water depths to 2500m
- CPT to 5m, sediment sampling to 1m, T-Bar testing
- Real-time data transmission

- **geoREACT Suction Skid**

- 2 suction anchor cans
- Interface hardware for standard work class ROV
- See it in action [here](#)

- **ROVDrill Mk.2 Drilling Module (with Helix Canyon)**

- Seabed robotic drill rig, for water depths to 3000m
- Rotary drilling, sampling, *in situ* testing, and rock coring
- Drill depth to >80m below seabed

We also offer a full range of standard and advanced laboratory testing and reporting services in accordance with the latest ISO 19901-8 standard. Our experienced engineers go the extra mile to always ensure that our reports are of the highest quality and fully meet and exceed our Client's diverse requirements and expectations.