

Meteorology, Oceanographic and Environmental Survey Services

Desktop Studies

Horizon provides comprehensive feasibility and desktop studies for the initial stage of a project planning.

Oceanographic Data Collection

Horizon provides complete oceanographic data collection. Data collection can be conducted utilising a variety of techniques depending on the site and is tailored to the specific project requirements. Horizon has the experience and resources to correctly install equipment and record high quality data, including tidal regimes, current velocities, wave data and weather monitoring. Horizon can also provide seabed sediment and water column sampling and analysis of the samples. Whether the observations are carried out with Acoustic Doppler Current Profiler, seabed mounted tide gauge, structure mounted tide gauge or wave rider buoy Horizon is ready for deployment. Horizon have a wide range of equipment allowing short solution times for projects.

Data Processing and Analysis

Once the Oceanographic data has been collected, Horizon's team of experienced oceanographers set to work processing and analysing the data. The final reporting is tailored to the client's reporting requirements.

Environmental Surveys

Horizon can provide environmental survey services ranging from flora and fauna sampling to seabed inspection and towed camera systems.



Data observations and analysis

Horizon can provide:

- **Desktop studies**
- **Oceanographic collection of tide, current, wave and weather data**
- **Data processing and analysis**
- **Environmental studies**

Weather forecasting

Horizon can provide site specific, twice daily forecasts that can be either a 6-day detailed marine forecast or a 10-day trend marine forecast

