



# Capability Statement

## Metocean data collection

Client: Transnet Capital Projects

### REQUIREMENTS

The collection of metocean data over 18 months to assist in guiding future design and financial investment for possible development of the area surrounding the old Durban International Airport.

### WORK DONE

- Measurements of currents, waves, water temperatures, pressures and turbidities with the use of ADCPs and RBR turbidity and CTD sensors over a period of 18 months.
- Sediment density and porosity analyses
- The measurements of wind speed and direction from an onshore weather station and off shore wind buoy



### OUTCOMES:

A highly detailed report including the analysis and interpretation of the metocean data for the region was produced by Lwandle and delivered to the client, providing guidance for the proposed development of the old Durban International Airport area.



**“A highly detailed report including the analysis and interpretation of the metocean data ”**