

---

## Plan Overview

*A Data Management Plan created using DMPonline*

**Title:** CTD and ADCP data

**Creator:** Thor Eriksen

**Data Manager:** Thor Eriksen

**Affiliation:** Other

**Template:** DMPOnline Template (NWU)

### **Project abstract:**

A CTD instrument is used to measure conductivity, temperature and pressure directly, and other variables are derived from these (pH, fluorescence, density, depth). Data are collected on a quarterly basis. An Acoustic Doppler Current Profiler (ADCP) is used to measure water temperature, pressure, current speed and direction. Other variables can be derived from these measurements. The Instrument is deployed for 8 months. Metadata collected include the project name, date, time and location.

**ID:** 85175

**Last modified:** 01-10-2021

### **Copyright information:**

The above plan creator(s) have agreed that others may use as much of the text of this plan as they would like in their own plans, and customise it as necessary. You do not need to credit the creator(s) as the source of the language used, but using any of the plan's text does not imply that the creator(s) endorse, or have any relationship to, your project or proposal

# CTD and ADCP data

---

## Data Collection

### What data will you be collecting ?

CTD and ADCPs are used to measure conductivity, temperature and pressure directly, and other variables are derived from these (pH, fluorescence, density, depth). Data are collected on a quarterly basis. An Acoustic Doppler Current Profiler (ADCP) is used to measure water temperature, pressure, current speed and direction. Other variables can be derived from these measurements. The Instrument is deployed for 8 months. Metadata collected include the project name, date, time and location.

CTD and ADCP data files are downloaded using Sea-Bird and RDI software tools. The files are uploaded and converted into .CNV files. Metadata will be stored on an excel spread sheet. Metadata includes things such as lat/long, depth, time, date.

File sizes vary, but they are not large, usually a couple mb/file.

### Who will be involved in your data collection ?

Data collection will be managed by field technicians. Data will be upload, stored and handed over to the relevant researchers.

## Ethics

### Give a description of your Ethics

TBD