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.

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Copyright information:

CTD and ADCP data

Data Collection

What data will you be collecting ?

CTD and ADCPs are used to 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