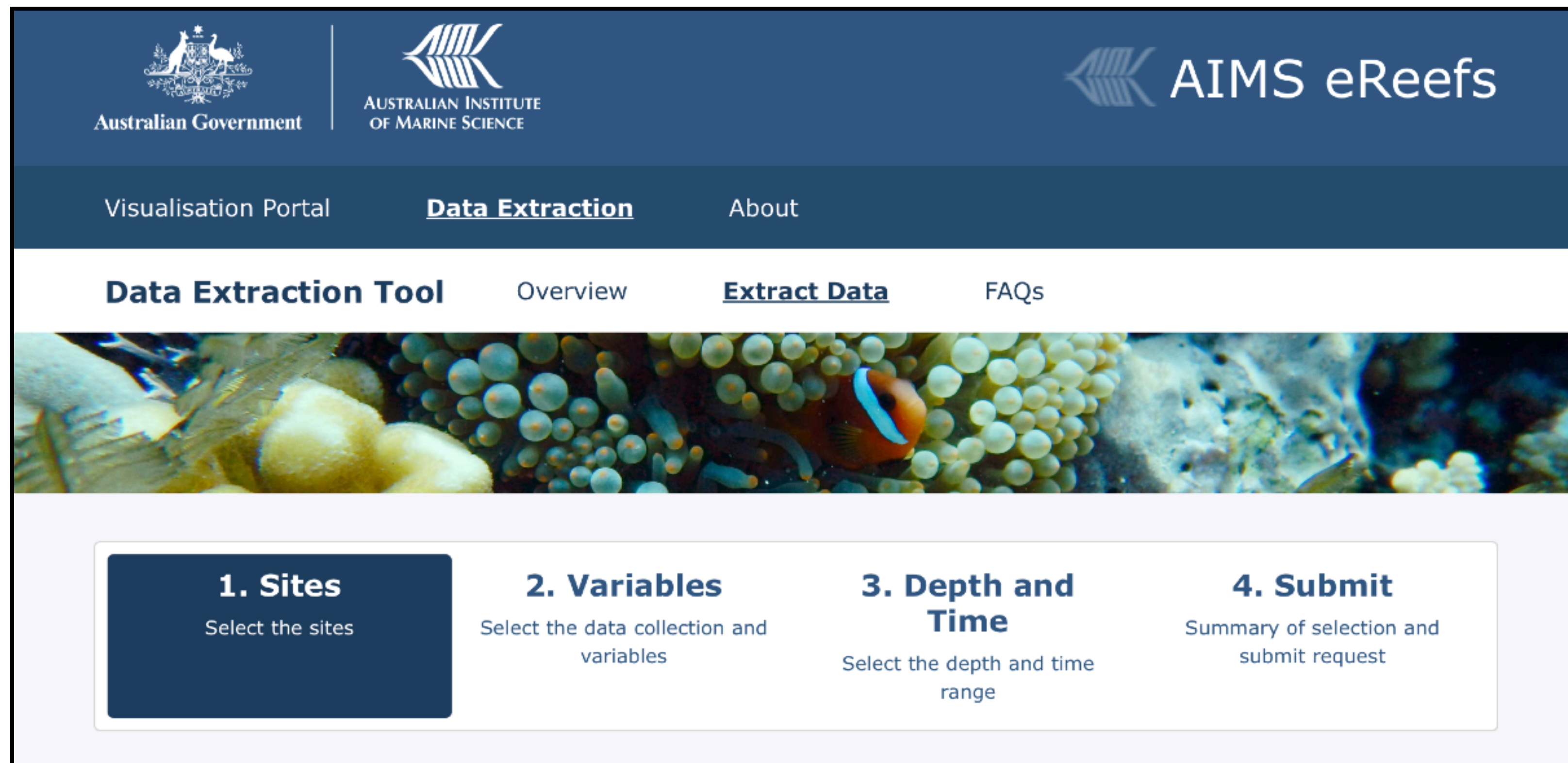


# Visualisation portals

eReefs data files are stored on centralised and backed up on disk at **AIMS**, **CSIRO** and **BOM**. These data are accessible through a series of tools that allow external users to view, query, and retrieve the data via the internet and the world wide web.

*This is the simplest method for most users.* It provides access to any dataset which is connected to the eReefs Data Brokering Layer but as limited functionalities...

4.



# Data access 2.0

More info  
Online Jupyter  
Book & links

## THREDDS Protocol

All of the data access methods for the eReefs data are centralised around **THREDDS** (*Thematic Real-time Environmental Distributed Data Services*).

**THREDDS** is middleware that bridges the gap between data providers access to any dataset which is connected to the eReefs Data Brokering Layer.

TDS

THREDDS Data Server

CDM

Common Data Model

## OPeNDAP

*Open-source Project for a Network Data Access Protocol* provides a standardised means of requesting and providing data across the web.

It allows you to access remote data over the internet using familiar data analysis and visualisation tools such as GIS, Python, Matlab, R...



netCDF