

# ACRS 2019 Data Workshop

Friday May 10 Tangalooma, Moreton Island



## How to access and use Coral Reef data for your research

This workshop is to assist the scientific community to discover, access, download, use and understand the potential of the data being collected by a number of agencies on and around Coral Reefs. This includes IMOS and AIMS long term monitoring environmental and ecological data sets.

Since 2007, IMOS has been routinely operating a wide range of observing equipment throughout Australia's coastal and open oceans, making all of its data accessible to the marine and climate science community, other stakeholders and users, and international collaborators.

Presentations will be made by the key leaders responsible for the collection and dissemination of data with examples of how they have used the data sets to further their research. Hands on guided tutorials will show how the AODN portal can be used and a summary of tools that are available to visualise the data.

- AIMS Weather Stations, Reef Temperature Loggers & Long Term Ecological Data
- NESP curated temperature 2016-17 and climatologies
- IMOS OceanCurrent, SST, Sensor Networks, Gliders and Moorings
- eReefs Model access and output
- Australian Ocean Data Network portal
- Visualisation tools such as Ocean Data Viewer

AGENDA		
Friday May 10 <sup>th</sup> 0800 – 1130 Tangalooma, Moreton Island		
0800 – 0810	Welcome and Coral Reef Data workshop overview	Craig Steinberg, AIMS
0810 – 0840	AIMS data & portal	Greg Coleman, AIMS – NESP
0840 – 0915	IMOS data & portal	Craig Steinberg, AIMS – IMOS
<b>0915 - 0930</b>	<b>Break – morning tea provided</b>	
0930 - 1030	Visualising IMOS data using ODV	Amandine Schaeffer, UNSW
1030 - 1130	eReefs modelling	Mathieu Mongin & Mark Baird, CSIRO
1130	End of Workshop	

Contact: Craig Steinberg

E: [c.steinberg@aims.gov.au](mailto:c.steinberg@aims.gov.au)

M: 041 824 8067

# Preparation

**WiFi**                    **Bring your own device**

## Data Portals

**IMOS AODN** Your main access to marine and climate data is through the [AODN Portal](https://portal.aodn.org.au/).  
<https://portal.aodn.org.au/>

**AIMS research Data Tools**            <https://www.aims.gov.au/docs/data/data.html>

**IMOS OceanCurrent**                    <http://oceancurrent.imos.org.au/>

**eReefs**                    <https://research.csiro.au/ereefs/> & <https://aims.ereefs.org.au/aims-ereefs>

## Data Tools

<http://imos.org.au/data/data/imosdatatools/> from here you can download **Gliderscope** and other tools.

## Ocean Data View

Ocean Data View (ODV) is a program designed for the interactive graphical display of oceanographic data. The software is freely available for Windows, Mac OS X, Linux, and UNIX systems. To download ODV you must register for free on the website <http://odv.awi.de> (go to the 'Software' tab).

[Download the Ocean Data View Manual v1.3.](#)

The Manual was prepared by the Coastal and Regional Oceanography Lab at UNSW.