



IMOS Bulletin

Issue #34 June 2014

Welcome to the IMOS Bulletin. Please feel free to distribute this email bulletin to others. The Bulletin is also available for download from the website at <http://imos.org.au/bulletin.html>.

If you have any comments or questions regarding the IMOS Bulletin please contact the IMOS Communications Manager, Marian Wiltshire (Marian.Wiltshire@utas.edu.au).

New Data Streams

This section will list any new data streams that are publicly available via the IMOS Ocean Portal <http://imos.aodn.org.au> in the previous month.

Ships of Opportunity –

Expendable bathythermograph (XBT) –

Data up to December 2013 is now available through the portal for the following XBT lines: IX1, IX12, IX22-PX11, PX2.

Continuous Plankton Recorder (CPR) –

The Aus-CPR team have been processing a backlog of phyto- and zooplankton samples and regularly update the online data holdings.

PCI (Phytoplankton Colour Index) Data that are now available for 2013-14 are:

Brisbane-Sydney 24/03/14 to 26/03/14

Brisbane-Gladstone 01/01/14 to 02/01/14

Brisbane-Gladstone 07/03/14

Cairns-Townsville 08/11/13 to 15/11/13

Gladstone-Townsville 04/01/14 to 05/01/14

Gladstone-Townsville 10/03/14 to 11/03/14

Devonport-Nelson 15/06/13 to 19/06/13

Flinders Reef-Geranium Passage 03/06/13

Adelaide-Fremantle 20/01/2014 to 21/01/14

Adelaide-Melbourne 02/11/13 to 04/11/13

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Adelaide-Melbourne 17/01/14 to 18/01/14

Brisbane-Hobart 27/09/13 to 01/10/13

Ocean gliders –

Delayed mode data for a slocum glider deployment in Western Australia is available; Two Rocks 20140213.

National Mooring Network –

Acidification moorings –

Delayed-mode data from first deployment of Yongala CO₂ mooring, and for all deployments of the Maria Island and Kangaroo Island CO₂ moorings is available on the portal. The Kangaroo Island mooring is back in the water and transmitting near-real-time data again.

National Reference Stations –

A step change error in the oxygen data from both Maria Island NRS WQM sensors have been found. The error occurred over one deployment 27/10/2010- 20/04/2011. The data has been reprocessed and made available through the IMOS Thredds catalogue and the Portal 1-2-3.

New data from a deployment of the Rottneest NRS is available on the portal.

Regional mooring arrays –

New data available on the portal from: all NSW moorings, Northern Australia moorings (Indonesian Throughflow, Kimberley, and Pilbara), Western Australia moorings (Two Rocks 100m, 200m and 500m).

Ocean radar –

The Nambucca heads radar station suffered damage due to a bush fire on the 14/05/2014 and will be unavailable for some time. This affects the production of sea surface current data produced at the Coffs Harbour site, which is on hold until the station is replaced.

Animal tagging and monitoring –

All delayed-mode Conductivity, Temperature and Depth (CTD) data from seals and sea lions is now available for download from the portal (n = 18 deployment campaigns, 229 animals, 113 246 CTD profiles).

Satellite remote sensing –

The Bio-Optical database of Australian Waters is now available on the new 123 portal.

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Recent & Upcoming Events

For a full list of upcoming conferences please visit the Calendar page at <http://imos.org.au/calendar.html>. If you would like an event or conference featured on our website calendar please contact Marian Wiltshire via email Marian.Wiltshire@utas.edu.au

6-10 July 2014 Australian Marine Sciences Association (AMSA) conference 'Investigating our Marine Nation', Canberra, ACT. For more information: <http://www.amsaconference.com.au/>

4-9 August 2014 IMBER (Integrated Marine Biogeochemistry and Ecosystem Research) Climate and Ecology summer school, ClimEco4, Shanghai, China. For more information: <http://www.imber.info/index.php/Early-Career/IMBER-Summer-Schools/ClimEco4-August-2014-Shanghai-China>

5-8 August 2014 3rd Ocean Data Interoperability Platform (ODIP) Workshop, Australian Institute for Marine Research (AIMS) in Townsville, Australia. For more information: http://www.odip.org/content/news_details.asp?menu=0100000_000006

8-9 September 2014 Ocean's Big Data Mining Summer School (#OBIDAM14), Brest, France. Data mining in large sets of complex oceanic data: new challenges and solutions. For more information: <http://oceandatamining.sciencesconf.org/>

14-19 September 2014 OCEANS'14 MTS/IEEE Oceans: Where Challenge Becomes Opportunity, St. John's, Canada. Final Paper Deadline **July 07, 2014**. Advance Registration ends **August 1, 2014**. For more information: <http://www.oceans14mtsieestjohns.org/index.cfm>

22-26 September 2014 5th International Bio-Logging Science Symposium (BLS5), Strasbourg, France. For more information: <http://bls5.sciencesconf.org/>

27-31 October 2014 Coast 2 Coast, Mandurah, Western Australia. For more information: <http://www.promaco.com.au/coasttocoast2014>

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