



IMOS Bulletin

Issue #35 July 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).

Call for White Papers to Support Development of a National Marine Science Plan

John Gunn, Chair of the National Marine Science Committee (formerly the Ocean Policy Science Advisory Group, OPSAG) is encouraging you and your colleagues to be part of a white paper process to determine the aspects of marine science that should be considered as part of the proposed National Marine Science Plan for Australia, more information is available via the IMOS website

<http://imos.org.au/news.html>. Please note that if interested in taking part, the deadline for making initial contact with theme-related conveners is **Monday 4 August 2014**.

New Activity Planning webpage on the IMOS website

Future activity planning for the IMOS Facilities is now provided via the IMOS website (<http://imos.org.au/imosactivityplanning.html>). The plans contain details for all the planned deployment/recovery/servicing/sampling etc. activities for the NCRIS 2013 funding period.

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 –

Biogeochemical – Four new cruises from the *Aurora Australis* have been uploaded to the IMOS portal (Voyage numbers: AA1314_V1, AA1314_V2-3, AA1314_V4, AA1314_V6)

Bioacoustic – Six new cruises from the vessel *Will Watch* have been uploaded to the IMOS portal (20120610-20120612, 20121116-20121122, 20130824-20130828, 20131110-20131115, 20140127-20140204, 20140303-20140309)

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Ocean gliders –

Near real time data for four slocum glider deployments (completed: Pilbara 20140520; current: Storm Bay 20140613, Spencer Gulf 20140605, Yamba 20140624) and one seaglider deployment (current: Lizard 20140430) are displayed on the IMOS portal.

National Mooring Network –

Acidification moorings –

New delayed-mode data from the Maria Island acidification mooring (Deployment date: 20131022-20140405) is available on the IMOS portal.

National Reference Stations (NRS) –

Moorings: New data is available on the IMOS portal from deployments at Darwin, Esperance, Maria Island, Ningaloo and Rottneest Island NRS.

Water sampling: The water sampling data collected at the NRS stations has been published on the IMOS portal as of the 21st of July. To view the data on the IMOS portal select the platform 'self-propelled boat' from the platform menu in Step 1. The data is now published as five different layers:

Phytoplankton HPLC Pigment composition analysis,
Salinity, carbon, alkalinity, oxygen and nutrients,
Total suspended solids (TSS) and secchi depth,
Picoplankton flow cytometry, and
Phytoplankton abundance and biovolume.

New zooplankton data is also available on the IMOS portal for Darwin (to Sep 2013), Kangaroo Island (to Aug 2013), Maria Island (Apr 2014), Port Hacking (Sep 2013) and Yongala (Aug 2013).

Regional mooring arrays –

New deployments are available on the IMOS portal for NSW (SYD100 and SYD140) and Queensland (GBR-Myrmidon and Palm Passage) moorings.

Ocean radar –

QC radials for the Coffs Harbour radar site (time period 2013-10-18 to 2014-03-05) and Rottneest shelf radar site (time period 2013-10-18 to 2014-03-13), have been uploaded and are available on the IMOS THREDDS catalogue. Hourly averaged products have been created accordingly and are available through the IMOS portal and the IMOS THREDDS catalogue.

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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

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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