



## IMOS Bulletin

### Issue #33 May 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](mailto:Marian.Wiltshire@utas.edu.au)).

## New Data Streams

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

### **Ships of Opportunity –**

*Expendable bathythermograph (XBT)* - new data is now available through the IMOS Portal for the following XBT lines:

PX34: Sydney-Wellington (2013 to early 2014)

PX30-31: Brisbane-Noumea-Suva (2013 to early 2014)

IX 28: Dumont d'Urville-Hobart (Oct 2013 – Mar 2014)

Px33: Hobart-Macquarie Island (2012)

### **Ocean gliders –**

New data is available from two Slocum glider deployments: Storm Bay 20140109 (from 09/01/2014 to 29/01/2014) and Pilbara 20140210 (from 10/02/2014 to 03/03/2014).

**Ocean radar** – the IMOS ocean portal has a new feature that allows users to subset and aggregate ocean radar data. The output format is netCDF. A file containing data from a specific time range and spatial region can be requested by drawing a bounding box and selecting a time range. Time-slices can be visualised on the portal's map prior to download. The portal generates a netCDF file matching the user's request and sends an email when it is ready for download. The new feature is currently available for

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radar data but it will be extended to other gridded data collections in the coming months. The portal also supports subsetting for most non-gridded IMOS data collections. Please visit the portal to try it out. <http://imos.aodn.org.au/imos123>

**Animal tagging and monitoring** – All delayed-mode CTD data from seals and sea lions are now available for download from the IMOS portal (18 deployment campaigns, 229 animals, 113,246 profiles).

**Satellite remote sensing** – three new layers are available in the IMOS portal for the Satellite remote sensing facility; radiometer data collected on the RV *Southern Surveyor*; the BioOptical database; and altimetry and calibration.

## 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](mailto:Marian.Wiltshire@utas.edu.au)

**23-27 June 2014** Integrated Marine Biogeochemistry and Ecosystem Research (IMBER) Open Science Conference, Bergen, Norway. For more information: <http://www.imber.info/index.php/Meetings/IMBER-OSC-2014>

**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>

**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. Registration and abstract submission for the poster session will be open to **June 15th**. For more information: <http://oceandatamining.sciencesconf.org/>

**22-26 September 2014** 5<sup>th</sup> 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. Abstract Deadline: Friday **6th June**. For more information: <http://www.promaco.com.au/coasttocoast2014>

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