



## IMOS Bulletin

### Issue #42 April 2015

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 IMOS Communications, [communication@imos.org.au](mailto:communication@imos.org.au).

### IMOS Data Reports

The IMOS data holdings are detailed in a suite of reports generated by the eMII Office on a monthly basis. The summary reports for March 2015 can be downloaded directly via the IMOS website <http://imos.org.au/datareports.html>.

With the recent redeployment of the Southern Ocean Flux Station (SOFS) mooring from the RV *Investigator*, near real-time data has started flowing. Data can now be downloaded from the IMOS data portal at:

- [IMOS - ABOS Southern Ocean Flux Station \(SOFS\) - Surface properties \(real-time\)](#), and
- [IMOS - ABOS Southern Ocean Flux Station \(SOFS\) - Surface fluxes \(real-time\)](#)

Real-time data plots are updated hourly by the Bureau of Meteorology and made available at: [http://cawcr.gov.au/projects/imos/ship/58450\\_WMO.php](http://cawcr.gov.au/projects/imos/ship/58450_WMO.php)

### IMOS Activity Planning

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.

Following the successful deployment of the Southern Ocean Time Series moorings in the Southern Ocean last month, the new Marine National Facility RV *Investigator* heads out on its second scientific voyage. This time the vessel will redeploy the East Australian Current Array off Brisbane after a 20 month gap. This array monitors the strength and variability of the East Australian Current.

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To complement existing observations through the NRS in Darwin Harbour, AIMS will deploy a surface buoy for near real-time observations in the Beagle Gulf, near Darwin.

## Did you know?

This section features various ways in which you can discover, access and use IMOS data.

## Improving access to IMOS data with the help of Google Analytics

The eMII team in Hobart maintains and updates the [IMOS data portal](#) and makes decisions about future development based on user feedback. Direct feedback from users is highly valuable in this regard but there are other, indirect, ways to analyse what users are doing.

Having tracked portal user behaviour for some time, the team became interested in a deeper analysis of who users are and what they are doing on the site. To delve into this information the team recently employed Google Analytics (GA) as their primary analytical tool.

GA enables website owners to monitor an enormous range of user attributes and behaviours, giving them the ability to set parameters of interest. Tracking user 'events' such as file downloads provides information on trends and user preferences such as file type. It also shows how users navigate to their target data set and comparisons can be made between the behaviour of returning versus new visitors to the site.

GA shows where users are based, what devices they are using and even an estimate of their age group (based on information Google has on users' online behaviour). Some interesting observations based on GA data collected so far include that the most popular data sets are those collected by Argo floats (with both new and returning users) and that users prefer their data as CSV files.

Enquiries about analyses of use of the data portal can be directed to [info@emii.org.au](mailto:info@emii.org.au)



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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 [communication@imos.org.au](mailto:communication@imos.org.au).

**11 May 2015 6-7.30pm** ACE CRC Public Lecture: "Why is the sea ice changing around Antarctica?" Professor Tony Worby will set out the key issues and provide a scientific overview of current knowledge on Antarctic sea ice. Aurora Lecture Theater at the University of Tasmania's Waterfront Building on Castray Esplanade.

**12-13 May 2015** Council of Managers of National Antarctic Programs (COMNAP) Sea Ice Challenges Workshop, IMAS building, Hobart, Australia. For more information including the agenda <https://www.comnap.aq/SitePages/SealceWorkshop.aspx>

**27-29 May 2015** Blue Planet Symposium, Cairns, Australia. There will be no registration fee for the symposium although you will need to complete the registration form, which will be made available in early March. <http://www.blueplanetsymposium.com>.

**1-5 June 2015** 7th International Workshop on Modeling the Ocean (IWMO), Australian National University (ANU), Canberra, Australia. Details of the workshop are now posted on the conference website: <http://www.tinyurl.com/iwmo2015> Early bird registration closes **17 April 2015**.

**8-12 June 2015** Southern Ocean Observing System (SOOS) Week, Hobart, Tasmania. SOOS will be holding 4 international meetings during the week of 8-12 June 2015, hosted by the Institute for Marine and Antarctic Studies (Hobart, Australia). Register [here](#) to attend!

8-10 June: [SOOS Scientific Steering Committee meeting](#)

10-11 June: [SOOS Data Management Sub-Committee meeting](#)

10 June: [Assessing the State of the Climate of the Southern Ocean](#) (limited numbers)

11-12 June: [Planning Workshop: Implementing a Southern Ocean Observing System](#) (limited numbers)

**22 June – 2 July 2015** 26<sup>th</sup> International Union of Geodesy and Geophysics (IUGG) General Assembly 2015, Prague, Czech Republic. <http://www.iugg2015prague.com>.

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**5-9 July 2015** AMSA Annual Conference, Geelong, Victoria. <http://www.amsaconference.net/>.  
Deadline for submissions has been extended to **Friday 24th April 2015**

IMOS is co-convening the theme 'Applications of Integrated Model-observing Systems' and would be pleased to have research from the IMOS community featured.

**13-17 July 2015** 3rd International Conference on Fish Telemetry, Halifax, Nova Scotia, Canada. <http://2015icft.org/>. Registration closes **1 May 2015**.

**15-17 July 2015** AMOS National Conference, Brisbane QLD.  
<http://www.imis100ap1.com.au/AMOS/AMOS2015/Home/AMOSNationalConference2015/Home.aspx?hkey=e329fe4f-2c9f-4fba-b29a-31e453413862>.

**21-23 July 2015** Australian Forum for Operational Oceanography (FOO 2015), Esplanade Hotel, Fremantle, WA. <http://www.foo2015.com> Abstract submission (Oral and Poster presentations) closes 31 May 2015

**14-18 September 2015** GO-SHIP/Argo/ IOCCP conference on physical and biogeochemical measurements of the water column, Galway, Ireland. <http://www.gaic2015.org>. Abstract submission closes **30 April 2015**.

**5-9 October 2015** 11th meeting of the International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), Santiago, Chile. <http://www.icshmo-2015.com/>

**30 November – 4 December** Goa IO Symposium 'Dynamics of the Indian Ocean: Perspective and Retrospective' <http://www.io50.incois.gov.in>

**19-21 January, 2016** 9<sup>th</sup> International Conference on Marine Bioinvasions (ICMB), Sydney, Australia. <http://www.marinebioinvasions.info/>

**3-6 May 2016** 4th International Symposium on the Ocean in a High-CO2 World, Hobart Tasmania. <http://www.highco2-iv.org/>. Abstract submission opens **1 June 2015**.

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