

## IMOS Bulletin

### Issue #23 September 2012

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, via email [Marian.Wiltshire@utas.edu.au](mailto:Marian.Wiltshire@utas.edu.au).

### IMOS *OceanCurrent*

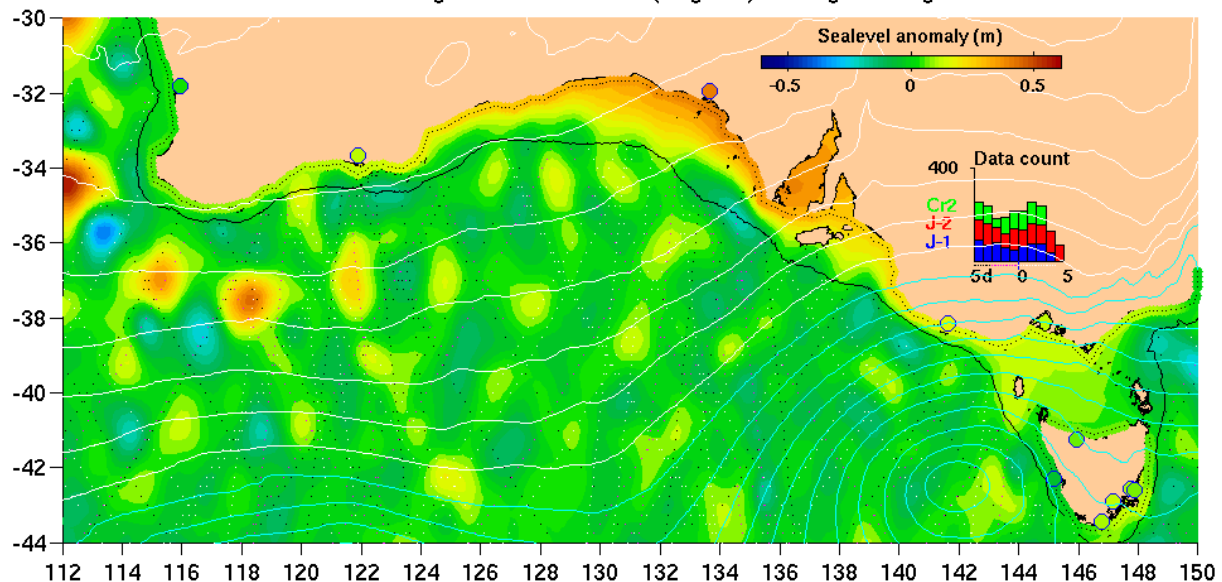
This section will highlight news from the IMOS *OceanCurrent* website.

<http://oceancurrent.imos.org.au/> in the previous month.

### High sea level event in the Great Australian Bight

Sea level in the Great Australian Bight was about 1.8m above mean sea level at high tide on 23 August 2012. The low-pass filtered, barometrically-adjusted coastal sea level anomaly we used in our sea level mapping briefly reached 0.8m, and is the highest (sub-tidal) sea level anomaly recorded in southern Australia this winter. It was caused by a deep low-pressure system that passed over Tasmania on [25 August](#).

Sealevel anomaly (top) and geostrophic velocity: 24-Aug-2012.  
SST: 24-Aug-2012. SVP drifters (magenta): 18 Aug - 27 Aug



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It is led by the University of Tasmania on behalf of the Australian marine & climate science community.

## 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/webportal/> in the previous month.

**Deep water moorings:** Data from the Pulse 7 and 8 deployments are now available on the portal in netCDF format.

**National mooring network:** New data for recent deployments of the Coffs Harbour moorings (CH100 and CH70) and the Esperance and Rottneest National Reference Stations (NRS) is available via the portal. NRS Biogeochemical sampling: new field log sheets for Darwin and Yongala and CTD profiles for Darwin are available also.

**Animal Tagging and Monitoring:** Data for Elephant Seals and Sea Lions has been processed to a new NetCDF format, and is available from the portal.

## 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)

**3-4 October 2012** Australian Coastal and Ocean Modelling and Observing (ACOMO) Workshop 2012, Canberra, ACT. By invitation only, for more information contact Katy Hill via email [Katy.Hill@imos.org.au](mailto:Katy.Hill@imos.org.au)

**13-16 November 2012** Integrated Ocean Observing System (IOOS) Summit 2012, Herndon, VA. For more information, <http://www.iooc.us/summit/ioos-summit/>

**28-29 November 2012** IMOS Bluewater and Climate Science Node meeting, CMAR, Hobart, Tas. More details will be provided shortly.

**11-13 February 2013** 19th National Conference of the Australian Meteorological and Oceanographic Society (AMOS), Melbourne, VIC. If you have any interesting scientific results using IMOS data we encourage you to submit an abstract for the session 16. Insights from the Integrated Marine Observing System (IMOS): From Physics to Biology, Oceanographic observations. Abstract submission deadline is **Friday, 5 October**. For more information, <http://wired.ivvy.com/event/WXOCCX/>.

**15-19 April 2013** GODAE OceanView-GSOP-CLIVAR Workshop on Observing System Evaluation and Coupled Data Assimilation, Hobart Tasmania. For more information, <https://www.godae-oceanview.org/outreach/meetings-workshops/godae-oceanview-gsop-clivar-workshop-2013/>

**24-28 June 2013** Asia Oceania Geosciences Society (AOGS) Annual Meeting, Brisbane, QLD. For more information, <http://asiaoceania.org/aogs2013>. Session proposals close **13 November 2012**.

### CSIRO Postdoctoral Fellow vacancies:

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**OCE Postdoctoral Fellowship 2012 – Ocean Change and Sea Level Rise:** A unique opportunity for a suitably qualified individual to gain a prestigious Office of the Chief Executive (OCE) Postdoctoral Fellowship with CSIRO Marine and Atmospheric Research (CMAR). The Postdoctoral Fellow will work on a research project detecting sea-level change and identifying the underlying processes responsible for such change using state-of-art climate models (that is detection and attribution, D&A), and to understand the regional distribution of sea-level rise. **Applications close on 31 October 2012.**

**OCE Postdoctoral Fellowship 2012 –Climate-scale forcing of phytoplankton community structure in the south Indian Ocean:** A unique opportunity for a suitably qualified individual to gain a prestigious "Office of the Chief Executive" (OCE) Postdoctoral Fellowship with CSIRO Marine and Atmospheric Research (CMAR). The successful candidate will have a background in oceanographic and/or satellite Earth observation research and will investigate phytoplankton variability in the south-eastern Indian Ocean. The project aims to quantify rates of ocean carbon cycling and the response of marine ecosystems to climate forcing. **Applications close on 31 October 2012.**

For further information, <http://www.csiro.au/people/Careers>