



IMOS Bulletin

Issue #14 June 2011

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 Project Officer, Marian Wiltshire, via email Marian.Wiltshire@utas.edu.au.

News

The IMOS office would like to welcome Dr Ian Poiner as the new Independent Chair of the IMOS Advisory Board, who will take up this position after he leaves his role as CEO of the Australian Institute of Marine Science. We would like to take this opportunity to thank the retiring Chair Trevor Powell for his outstanding contribution to the set-up and success of IMOS to date.

New Deployments

This section will list any new Facility deployments in the previous month

Argo- Seven Argo floats were deployed from the *Lady Amber* during May and June in the Indian ocean.

Deep water moorings- Over the last month both IMOS Timor moorings (in 3300m and 1100m of water) and the Ombai moorings (long mooring and PIES) have been successfully deployed from RV *Solander*. These deployments complete the IMOS Indonesian Throughflow monitoring array. The success of this mooring deployment was the result of hard and precise work by Danny McLaughlin, Jamie Derrick, John Luetchford and the crew and master of the RV *Solander*.

Ocean gliders- A Slocum glider was deployed at Two Rocks in WA on the 10th June.

Autonomous Underwater Vehicles- The AUV Sirius was deployed off the East Coast of Tasmania in early June.

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.

Ships of Opportunity- CO₂ data for 7 cruises of the RV *Southern Surveyor* (2010) are now available:

- Hobart-Fremantle-Broome; 29/3/10-13/4/10
- Fremantle-Hobart; 10/8/10-20/8/10
- Sydney-Hobart; 22/1/10-15/2/10
- Hobart-Hobart; 15/3/10-24/3/10
- Fremantle-Fremantle; 6/7/10-27/7/10
- Fremantle-Fremantle; 29/7/10-9/8/10
- Hobart-Hobart; 7/9/10-15/9/10

Ocean Gliders- Processed data for one Sea glider mission (Coral Sea 20100601) and for seven Slocum glider missions (NSW 20100921, Two Rocks 20100507, Two Rocks 20100628, Two Rocks 20100730, Two Rocks 20100805, Two Rocks 20100916 and NSW 20101126) are now available through the IMOS portal. Two gliders are sending data in real-time: Bicheno 20110406 and NSW 20110518.

Ocean Radar- Quality controlled ocean current data is available for three radar sites; Capricorn Bunker Group (QLD), South Australia Gulf (SA) and Rottneest Shelf (WA).

Satellite Remote Sensing- The bio-optical database is in the process of becoming populated with historical datasets, bio-optical data from a RV *Franklin* cruise around Tasmania in 1997 is now accessible via the IMOS Ocean 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 McGowen via email Marian.McGowen@utas.edu.au.

28 June-7 July 2011 IUGG General Assembly. Melbourne, Victoria. <http://www.iugg2011.com>

7-8 July 2011 The First XBT Science Workshop: Building a Multi-Decadal Upper Ocean Temperature Record Melbourne, Australia (hosted by the Australia Bureau of Meteorology,

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venue TBA), immediately following the IUGG XXV General Assembly. For more details as they become available please send an email to this address Aoml.xbt.science.workshop@noaa.gov to be added to the mailing list, or visit the web site below that will be regularly updated <http://www.aoml.noaa.gov/phod/goos/meetings/2011/XSW/>

4-7 July 2011 Australian Marine Sciences Association Annual Conference. Fremantle, WA.

8 July 2011 Australian Acoustic Tagging and Monitoring System (AATAMS) together with Vemco, invites you to attend a workshop as part of this year's AMSA conference. The workshop will be held in the seminar room of The University of Western Australia Oceans Institute, 39 Fairway, Crawley WA. If you would like to attend please RSVP to Michele Thums (michele.thums@uwa.edu.au) ASAP as places are limited. For more information: <http://imos.org.au/549.html>

1-2 August 2011 3rd International Forum on the Sub-Antarctic. Hobart, Tasmania.
<http://www.sub-antarctic.org/index.html>

Research Vessel *Investigator*: Call for Expressions of Interest to carry out marine research in 2013-2014 and 2014-2015 with the use of the RV *Investigator*. The closing date for EOIs on RV *Investigator* in 2013-2014 and 2014-2015 will be Friday, **5 August 2011**. Further details, including an EOI form, are available through the MNF website: <http://www.marine.csiro.au/nationalfacility/>

12-15 September 2011 The 40th SCOR Executive Committee Meeting will take place in Helsinki, Finland. Details about the meeting will be posted at <http://www.scor-int.org/2011EC/2011EC.htm> as they become available.

19-22 September 2011 Oceans 2011 MTS/IEEE Kona, Hawaii.
<http://www.oceans11mtsieeeekona.org/>

22-23 September 2011 Plankton 2011 Plymouth Guildhall, England, UK.
<http://www.plankton2011.org/home.aspx> Registration is now open.

26-30 September 2011 World Conference on Marine Biodiversity. Aberdeen, Scotland, UK.
<http://www.marine-biodiversity.org/>

24-28 October 2011 World Climate Research Programme Open Science Conference. Denver, USA. <http://www.wcrp-climate.org/conference2011/index.html>. Early Bird Registration valid till **12th July**.

23-27 April 2012 10th International Conference on Southern Hemisphere Meteorology and Oceanography. Nouméa, New Caledonia. <http://www.colloque.ird.fr/icshmo-2012/index.html>
Abstract deadline: **September 15 2011**.

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