



IMOS Bulletin

Issue #13 May 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 McGowen, via email Marian.McGowen@utas.edu.au.

New Deployments

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

Argo- Nine Argo floats were deployed from the RSV *Aurora Australis* during March in the Southern Ocean. Another four floats were deployed from Lady Amber in late April on way to Mauritius.

Ocean gliders- A Sea glider was deployed off the coast of Bicheno, Tas on the 6th of April and a Slocum glider was deployed off the coast off Yamba, NSW on the 18th May.

Autonomous Underwater Vehicles- the AUV Sirius was deployed in the first of the repeat monitoring expeditions in Western Australia in April yielding remarkable results and evidence of a significant bleaching event to the corals off the Abrolhos Islands.

National mooring network-An Acoustic Doppler Current Profiler (ADCP) has been deployed at the Port Hacking National Reference Station for the first time this month, and a pCO₂ mooring was deployed in the vicinity of the Maria Island NRS in early May.

Satellite Remote Sensing- GPS surface buoy has recently been deployed in the Bass Strait and before the end of May in Storm Bay. These are the last pieces in the puzzle that will allow the calculation of Southern Hemisphere bias in altimetry data and over time confirm or monitor any drift in that bias.

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- new data available through the portal includes:

CO₂ data from four cruises of the RV *L'astrolabe*

- Hobart to Dumont d'Urville 21/10/2010-27/10/2010
- Dumont d'Urville to Hobart 31/10/2010-7/11/2010
- Hobart to Dumont d'Urville 20/2/2011- 26/2/2011
- Dumont d'Urville to Hobart 1/3/2011-5/3/2011

Ocean gliders- real time data is available for the two gliders that are currently in the water (see deployments above).

Satellite Remote Sensing- 2010 and 2011 Global High Resolution SST (GHRSSST) GDS v2.0 skin products are available through the portal, and are updated daily.

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.

6-9 June 2011 Oceans 2011. Santander, Spain. <http://www.oceans11ieeesantander.org/>

20-24th June 2011 7th Alexander von Humboldt International Conference Ocean acidification: consequences for marine ecosystems and society. Penang, Malaysia. <http://www.meetings.copernicus.org/avh7/>

27-30 June 2011 Advances in Marine Ecosystem Modelling Symposium 3. Plymouth, UK. <http://www.amemr.info/>

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

July 2011 -The Quantitative Marine Science (QMS) program is running a "PhD Day" in July 2011 and will fly 10 students to Hobart from across Australia to explore opportunities for

undertaking a PhD in QMS at UTAS. For more information email GRM.IMAS@utas.edu.au or visit the website <http://www.imas.utas.edu.au/qms> Applications close **17th June 2011**

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, 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/>

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.oceans11mtsieeekona.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>