



IMOS Bulletin

Issue #17 November/December 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.

Recent News:

The new IMOS *OceanCurrent* website is now operational, follow the link to the IMOS *OceanCurrent* website from the front page of the IMOS website.

The latest issue of Marine Matters is available from the IMOS website http://imos.org.au/marine_matters.html.

New Deployments

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

Argo- a total of 12 Argo floats have been deployed in November and December, 10 in the Indian Ocean (by the Lady Amber and the USS Samuel B Roberts) and 2 in the Tasman Sea (by the Norfolk Guardian).

Ships of Opportunity

AusCPR – A Continuous Plankton Recorder (CPR) was towed on the EAC route between Brisbane and Adelaide between October 1st and October 9th from the ANL Windarra. Another deployment was completed from the AIMS vessel RV *Solander* between Exmouth and Scott Reef, on November 19th and 20th.

Four tows from the RV *Aurora Australis* starting October 23rd and finishing October 31st from south of Hobart 44S to the ice-edge off Antarctica (Davis Station) were conducted in collaboration with the Southern Oceans Continuous Plankton Recorder survey.

Deep water moorings- the second deployment of the Southern Ocean Flux Station mooring was completed successfully on the 24th November from the Marine National Facility *Southern Surveyor*.

IMOS is supported by the Australian Government through the National Collaborative Research Infrastructure Strategy and the Super Science Initiative.

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

Ocean gliders- Five Slocum gliders have been deployed over the last month:

- Storm Bay Tasmania, 4 November,
- Spencer Gulf South Australia, 11 November,
- Coffs Harbour New South Wales, 12 November,
- Two Rocks Western Australia, 18 November,
- Kimberley Western Australia, 21 November.

Animal Tagging and Monitoring -the Animal Tagging and Monitoring facility have recently deployed receiver lines at Rowley Shoals and Scott Reef region, and also tagged 48 reef shark species with temperature and depth tags.

Wireless Sensor Networks- the Orpheus Island site has been fully repaired from the damage caused by Cycone Yasi, with the addition of new turbidity and light sensors.

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-in collaboration with New Zealand's National Institute of Water and Atmospheric Research (NIWA), the Bureau of Meteorology is supplying real-time data streams of meteorological, sea surface temperature and air-sea flux data from the New Zealand Research Vessel, RV *Tangaroa*, to the IMOS Ocean Portal. In collaboration with National Oceanography Centre Southampton, a real-time sea surface temperature and salinity data stream is also now available from the MV *Pacific Celebes* and from 15 Nov 2011 has been sent to the GTS and will shortly be uploaded to the Ocean Portal.

National Mooring Network-

Data from the following moorings deployments are now available:

Great Barrier Reef (QLD), Capricorn Channel, Nov 08- Jan 10.

Maria Island (Tas) National Reference Station, Jul 08- Aug 08

Darwin National Reference Station- real time data is now available via the portal.

Also a significant amount of new National Reference Station biological sampling data has been uploaded and made available.

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

31 January-3 February 2012 Australian Meteorological & Oceanographic Society Annual Conference, Sydney, NSW. For more information: <http://www.amos.org.au/2012conference/cid/1/parent/0/pid/1/t/2012conference/title/conference-home>

15-17 February 2012 MetOcean Awareness Course, Perth, Australia. For further details: Tel: + 61 8 9446 9903 Email: perthevents@sut.org

19-24 February 2012 AGU Ocean Sciences Meeting, Utah, USA. For more information: <http://www.sgmeet.com/osm2012/>

22 – 24 February 2012 The Economist's "World Ocean Summit" in Singapore. Details at <http://www.economistconferences.asia/event/world-oceans-summit>

5-9 March 2012 GHR SST Joint Working Group Meeting - Workshop on Tropical Warm Pool and High Latitude SST Issues, Melbourne, Australia. Click here for further information: <https://www.ghrsst.org/ghrsst-science/Meetings-and-workshops/workshop-on-tropical-warm-pool-and-high-latitude-issues/>.

13-15 March 2012. Oceanology International - Global Ocean Forum - London. This conference covers all aspects of ocean observation and monitoring using remote sensing and in-situ technologies as well as tools and techniques for ocean forecasting. Details at <http://www.oceanologyinternational.com/>

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>

21-24 May 2012 Oceans 2012 MTS/IEEE Conference Yeosu, Korea. Abstract submission is now open and closes **January 13, 2012** <http://www.oceans12mtsieeeyeosu.org/>

21-23 May 2012 GCOCS Global Conference Oceans Climate Security, Boston USA. Details at: http://www.gcocs.org/call_for_abstracts.html

1-5 July 2012 Australian Marine Sciences Association Inc. and the New Zealand Marine Science Society joint Conference, Hobart Tasmania. Abstract submission and registration are planned to open on **3 January 2012**.

4-6 July 2012 The Australian Antarctic Division and Antarctica New Zealand are holding the first joint Antarctic and Southern Ocean Science Conference, Hobart Tasmania.

2-13 July 2012 International Phytoplankton Identification Course 2012, Plymouth, UK. The workshop is aimed at all those working in the marine phytoplankton field and participants will be expected to have a basic knowledge of microalgae. Further details on the course and an application form can be found www.mba.ac.uk/phytoplankton-workshop

James Tizard Memorial Prize

The prize is a tribute to the contribution made by James Tizard to the Australian eResearch landscape. The objective of the Prize is to reward the work of an outstanding researcher while highlighting the critical role that eResearch infrastructure plays in supporting research advances. The prize is open to Australian researchers best able to demonstrate the role played by eResearch infrastructure in the success of their research endeavours. To be eligible, the researcher must be affiliated with an Australian university or publicly funded research organisation. The prize comprises a cash payment of \$5000 for use towards the costs associated with attending a future overseas conference. **Closing date for submissions – 16 December 2011.** For more information go to <http://conference.eresearch.edu.au/james-tizard-memorial-prize/>

POGO/SCOR Visiting Fellowship scheme

The Partnership for Observation of the Global Oceans is calling for applications for the 2012 POGO-SCOR Visiting Fellowship scheme. The deadline for applications is **15 January 2012**. The scheme is designed to promote training and capacity building leading towards a global observation scheme for the oceans, and is aimed at scientists, technicians, graduate students (PhD) and post-doctoral fellows involved in oceanographic work at centres in developing countries and countries with economies in transition (e.g. Commonwealth of Independent States, Eastern Europe). For more information go to: <http://ocean-partners.org/training-and-education/pogo-scor-fellowship>.

MNF Next Wave and Transit Voyage Science Program

The Marine National Facility is now calling for Applications for *Next Wave* and the *Transit Voyage Science Program* in 2012-2013. The Call for Applications will open on Monday, 21 November 2011 and close at 17:00 on Friday, **17 February 2012**. For more information and

to download an Application Pack please go to <http://www.marine.csiro.au/nationalfacility/transitvoyages/index.htm>. Applications should be forwarded to lisa.woodward@csiro.au, who can also be contacted for further information.

AIMS Job Vacancies

There are a number of job vacancies at the Australian Institute of Marine Science (AIMS) including:

PN493 IMOS Oceanographic Experimental Scientist

Closing date: 12 December 2011

PN494 IMOS Oceanographic Instrument Technician

Closing date: 12 December 2011

PN490 Environmental Molecular Biologist

Closing date: 23 December 2011

PN495 Postdoctoral Fellowship – NERP Northern Australia Hub

Closing date: 23 December 2011

PN496 Science Leader Northern Territory

Closing date: 23 December 2011

PN497 Environmental Chemist

Closing date: 23 December 2011

PN498 Coastal Oceanographer

Closing date: 23 December 2011

For further information, please refer to the website www.aims.gov.au/employment