



IMOS Bulletin

Issue #2 April 2010

Welcome to the IMOS Bulletin. Please feel free to distribute this email bulletin to others. 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.

IMOS Education Investment Fund (EIF) Update

The Final IMOS EIF project plan was accepted without amendment by the Department of Innovation, Industry, Science and Research in early April. The Final Project Plan is available on the IMOS website, at <http://imos.org.au/plans.html>. IMOS is now able to proceed with implementation of the next stage of our planning from 1st July 2010. The IMOS office has published a two page factsheet about how the new EIF funding is extending and enhancing IMOS which is available at <http://imos.org.au/factsheets.html>.

New Deployments

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

Deep water moorings- since its deployment in March 2010, the Southern Ocean Flux Station (SOFS) has been relaying back to shore hourly observations of the wind, temperature, humidity, air pressure, sunlight and rain, giving insight into the current conditions “down south” as well as helping to build a record in this climatically important region of the world ocean.

Ocean gliders- You can track the progress of all currently deployed ocean gliders at <http://www2.sese.uwa.edu.au/~hollings/anfog/index.php>. The first Southern Ocean Time Series (SOTS) ocean glider had a navigation problem which took several days to solve. During this time, the glider was taken part way around an eddy, and once halfway around it was decided to let it continue its loop and then move the glider into a more favourable position. The glider is currently performing better and is back on its path to Tasmania.

Autonomous underwater vehicle (AUV)- the AUV was launched off Rottneest Island earlier this week to survey kelp forests on reefs at four locations from Cape Naturaliste to the Abrolhos Islands.

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

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. eMarine Information Infrastructure (eMII) released version 2.0 of the IMOS Ocean Portal last week. New features include: ability to save maps and searches, transect graphing, depth and altitude of a selected point, new data, and new base layers.

Ships of Opportunity- Underway CO₂, new data from five Marine National Facility *Southern Surveyor* voyages

- Wellington to Lautoka, voyage dates: 3/2/2009-23/3/2009
- Hobart to Hobart, voyage dates: 22/9/2009-30/9/2009
- Sydney to Wellington, voyage dates: 28/1/2009-1/2/2009
- Noumea to Hobart, voyage dates: 29/7/2009-6/8/2009
- Hobart to Sydney, voyage dates: 10/10/2009-14/10/2009

Deep Water Moorings- Near-real-time observations from the SOFS mooring will be available soon from the IMOS Ocean Portal.

National Mooring Network- mooring data available from

- Acoustic observatories- Perth Canyon Array 21/2/2008-20/2/2009
- Rottneest Island National Reference Station Nov2009-Feb2010
- Kangaroo Island National Reference Station Dec2009-March 2010

Recent & Upcoming Events

24-27 May 2010 Oceans IEEE Conference –Sydney. <http://www.oceans10ieeesydney.org/>

31 May-2 June 2010 International Symposium on Boundary Current dynamics – China. <http://www3.ouc.edu.cn/gjhy/index.aspx>

21-23 June 2010 Deep Ocean Workshop: Observed and model-simulated property changes in the deep ocean of the Southern Hemisphere– Hobart. To Attend Workshop email Bernadette Sloyan (Bernadette.Sloyan@csiro.au).

29 June-1 July 2010 International Climate Change Adaptation Conference. Climate Adaptation Futures. Preparing for the unavoidable impacts of climate change – Gold Coast.
<http://www.nccarf.edu.au/conference2010/>

4-8 July 2010 AMSA Conference – Wollongong. Abstract Submission Closes 30 April. Early bird registration closes **10th May** 2010. <https://www.amsa.asn.au/conference/conf2010/index.html>

14- 17 September 2010 Physics of Estuaries and Coastal Seas conference–Colombo Sri Lanka.
<http://www2.sese.uwa.edu.au/~pecs/index.html> Abstracts due in **30 April 2010**

20-24 September 2010 Coast to Coast 2010 Conference, Adelaide South Australia.
<http://www.coast2coast.org.au/> Abstracts closes **5 July**.