



## IMOS Bulletin

### Issue #4 June 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](mailto:Marian.McGowen@utas.edu.au).

New on the IMOS website <http://imos.org.au>

**Bio-optical Working Group**- Christine Hanson has uploaded information about the IMOS National Working Group on Bio-optical Instrumentation and Observing (including the Terms of Reference): <http://imos.org.au/bwg.html>. For details of an upcoming Bio-optics/Satellite Remote Sensing Community Forum see 'Upcoming Events' section below.

## New Deployments

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

**Ocean gliders** – two Seagliders have been deployed recently, one off the coast near Perth (deployed 17 May) and the other in the Coral Sea (deployed 1 June).

**Autonomous Underwater Vehicle (AUV)** – The IMOS AUV Facility recently completed two weeks of surveys in Tasmania as part of the program to establish benthic survey sites around the country. Dive sites were selected both within and outside of Marine Parks from the South at Bruny Island to the East Coast near the Freycinet Peninsula. This follows on from a similar program completed in Western Australia in late April and May that saw the AUV deployed at sites at Rottne Island, Jurien Bay and the Abrolhos Islands.

**National Mooring Network** – the National Reference Station at Maria Island in Tasmania was rotated last month after the longest period between rotations so far, six months, and had 100% success rate on telemetered data and 100% data recovery from the two Water Quality Monitors.

**Ocean Radar** – the first of the Bonney Coast HF radar stations was installed during May.

**Wireless Sensor Networks** – the sensor network at Rib Reef was deployed last week.

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.

**Ships of Opportunity-** CSIRO XBT real time data available. Sea Surface Temperature (SST) data is now available from the RSV *Aurora Australis*.

**Deep Water Moorings-** Data from the profiling floats deployed at the Southern Ocean Time Series site.

**National Mooring Network-** Esperance WA National Reference Station, Dec 2009-March 2010.

**Animal Tagging and Monitoring** - Satellite tag animal profile data (salinity, temperature, pressure) available in near-real-time through the IMOS portal, under the AATAMS Real-time Satellite Animal Tracks layer. More detailed behavioural information will be available after data has been downloaded from retrieved tags. Transmitted tags are carried by elephant seals (Antarctica) and Sea Lions (Great Australian Bight).

## Recent & Upcoming Events

**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.  
<https://www.amsa.asn.au/conference/conf2010/index.html>

**8 July 2010, 3:00 - 5:15 pm** Bio-optics/Satellite Remote Sensing Community Forum at the AMSA Conference Wollongong, University of Wollongong , Communications Building 20.2 For more information: [http://imos.org.au/bwg\\_activities.html](http://imos.org.au/bwg_activities.html).

**9 July 2010** IMOS Data User Workshop at the AMSA conference – Wollongong. For more information: <https://www.amsa.asn.au/conference/conf2010/workshops.html>

**19 July 2010** IMOS Data User Workshop at the University of Queensland, St Lucia Campus, 9am - 1pm. For more information: [http://imos.org.au/data\\_user\\_workshops.html](http://imos.org.au/data_user_workshops.html). To register please contact Jacqui Hope, [Jacqui.Hope@utas.edu.au](mailto:Jacqui.Hope@utas.edu.au).

**20 July 2010** IMOS Data User Workshop at James Cook University, Townsville, 9am - 1pm. For more information: [http://imos.org.au/data\\_user\\_workshops.html](http://imos.org.au/data_user_workshops.html). To register please contact Jacqui Hope, [Jacqui.Hope@utas.edu.au](mailto:Jacqui.Hope@utas.edu.au).

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

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

**13-15 October 2010** Australia – New Zealand Climate Forum. Hobart, Tasmania.  
<http://www.bom.gov.au/events/anzcf2010/> Abstract submission closes **30 July**.