

IMOS Bulletin

Issue #28 May 2013

Welcome to the 28th issue of the IMOS Bulletin - please feel free to share it with others. This Bulletin covers April news and data. It is also available for download from the website at <http://imos.org.au/bulletin.html>

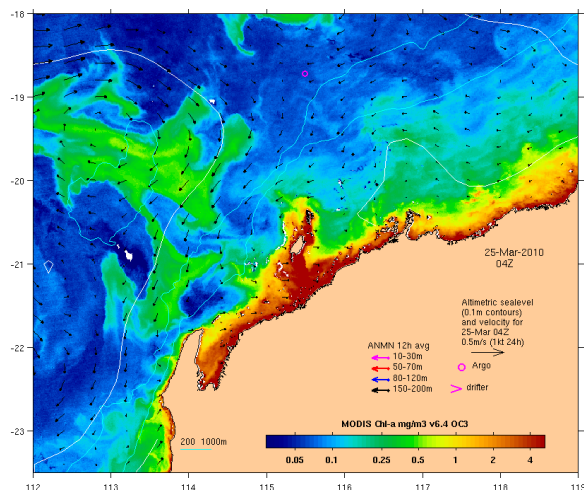
If you have any comments or questions regarding the IMOS Bulletin please contact the IMOS Communications Manager, Frances Hutchinson via email Frances.Hutchinson@utas.edu.au

IMOS OceanCurrent

This section highlights news from the IMOS *OceanCurrent* website in the past month <http://oceancurrent.imos.org.au/>

NASA's Aqua satellite, carrying the MODIS instrument, was launched on 4 May 2002.

The IMOS SRS recently completed a re-processing of the entire dataset from 2002-2012, and this is now available on the [OceanCurrent](#) website along with the re-processed altimetric estimates of ocean surface velocity (and other data) for individual regions around Australia.



The best images of the whole 2002-2012 period for the Perth region are listed and briefly discussed in the [29 May News item](#).

One researcher who is very grateful for this new archive of publication-ready graphics is Prof Anya Waite of UWA, who needed a MODIS [image](#) for her paper, to convince a reviewer of her *Biogeosciences Journal* article that the *Trichodesmium* bloom transected by RV Southern Surveyor really was as large (100kmx100km near 19.8S, 113.5E) as they claimed.

The article, **Formation and maintenance of high-nitrate, low pH layers in the Eastern Indian Ocean and the role of nitrogen fixation** A.M. Waite, V. Rossi, M. Roughan, B. Tilbrook, J. Akl, P.A. Thompson, M. Feng, A.S.J. Wyatt, and E.J. Raes, is available through the [Biogeosciences Journal](#) online (log-in required).

New Data Streams

This section lists any new data streams that are publicly available via the IMOS Ocean Portal <http://imos.aodn.org.au/webportal/> since the previous Bulletin.

Gliders: new slocum glider deployment Pilbara 20120723 published on the IMOS portal.

National mooring network:

NRS: New data published for Esperance, Rottnest Island and Kangaroo Island

NSW: New data published for Batemans Marine Park and Coffs Harbour moorings

Northern Australia: New data published from Indonesian Throughflow, Pilbara and Kimberley arrays

SA: New data published for Mid-Slope, Coffin Bay, Deep-Slope and Spencer Gulf Mouth moorings

WA: New data published from Perth Canyon South, Two Rocks 200m and Two Rocks 500m moorings

CO2: Real-time raw measurements from the Kangaroo and Maria Island moorings are now available via the Portal in netCDF format and are updated with new data daily. Raw data from all previous deployments of these moorings are also available.

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 Frances Hutchinson via email frances.hutchinson@utas.edu.au

10-13 June 2013 Oceans'13 MTS/IEEE Bergen Conference, Bergen Norway. For more information, www.oceans13mtsieeebergen.org

23-27 June 2013 IMBER Open Science Conference: Future Oceans, Bergen Norway. For more information, <http://www.imber.info/index.php/News/IMBER-future-events/IMBER-Open-Science-Conference-23-27-June-2014-Bergen-Norway>

24-28 June 2013 Asia Oceania Geosciences Society (AOGS) Annual Meeting, Brisbane. For more information, <http://asiaoceania.org/aogs2013>

24-28 June 2013 7th International Conference on Coastal Dynamics, Arcachon Convention Centre France. For more information, www.coastaldynamics2013.fr/index.php

7-11 July 2013 AMSA 2013 Conference, Gold Coast. For more information, <http://www.cvent.com/events/amsa2013/event-summary-e61ab77a7ca84cc98647bf08eb6e8e50.aspx>

8-9 July 2013 Second International Symposium on Boundary Current Dynamics, Lijiang, Yunnan, China. For more information, <http://coadc.ouc.edu.cn/isbcd/>

11-13 September 2013 Coasts & Ports, Sydney. For more information, <http://www.coastsandports2013.com.au/>

23-25 September 2013 International Conference on Marine Data and Information Systems (IMDIS 2013), Lucca Italy. For more information, <http://imdis2013.seadatanet.org/>

23-26 September 2013 Oceans13 MTS/IEEE: An Ocean In Common, San Diego, USA. For more information, <http://www.oceans13mtsieeesandiego.org/index.cfm>

8-11 October 2013 Greenhouse 2013: A Joint Australian-New Zealand Event, Adelaide. For more information, <http://www.greenhouse2013.com/>

7-10 March 2014 International Glaciological Society Symposium: Sea Ice in a Changing Environment, Hobart. For more information, <http://www.soos.aq/index.php/calendar?view=event&cid=57>

23-27 June 2014 IMBER Open Science Conference: Future Oceans – Research for Marine Sustainability, Bergen Norway. For more information, www.imber.info