



## IMOS Bulletin

### Issue #24 October 2012

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 Communications Manager, Marian Wiltshire, via email [Marian.Wiltshire@utas.edu.au](mailto:Marian.Wiltshire@utas.edu.au).

### Collaborative Research Infrastructure Scheme (CRIS)

The Collaborative Research Infrastructure Scheme (CRIS) is a scheme recently established by the Minister for Tertiary Education, Skills, Science and Research under the Higher Education Support Act 2003. The scheme will provide \$60 million (redirected from other research block grants) to support the operation of critical national, collaborative research infrastructure facilities up to 31 December 2014. IMOS (through UTAS) is eligible to apply for CRIS funding and will submit an application this Friday. The IMOS office is developing the application in consultation with Operators/Facilities, and will seek input from the Node Steering Committee and approval from the IMOS Advisory Board. For more information about IMOS and CRIS see <http://imos.org.au/cris.html>.

### 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:** Temperate Merchant Vessel Data for the period August 2010-June 2011 is now available through the IMOS portal.

**Deep water moorings:** Pulse 6 data are now available in IMOS netCDF format, and the Pulse 7 & 8 files have been re-processed to conform to the convention. Southern Ocean Flux Station (SOFS) real-time data are being processed and uploaded again. Several new delayed-mode products from SOFS-1 are now available (sub-surface temperature and currents, waves, and 1-minute average fluxes) on the IMOS portal.

**Ocean gliders:** Quality controlled data for six Slocum glider deployments are now available through the IMOS portal (Yamba, NSW 20120609, Yamba, NSW 20120714, Pilbara, WA 20120630, Spencer Gulf, SA 20120412, Storm Bay, Tas 20120313, Kimberly, WA 20120529).

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.

**National mooring network:** New data from recent deployments of the Indonesian Throughflow, Kimberley and Pilbara arrays are available on the IMOS Portal. Newly processed netCDF files for previous deployments of National Reference Stations (NRS) at Esperance, Kangaroo Island, Rottneest Island and all the Western Australian and South Australian regional moorings are also available. NRS Biogeochemical sampling: Nutrients data have been aggregated to the new Excel templates (one file per station) for most stations (Esperance, Ningaloo and Rottneest yet to be done). New field log sheets and CTD profiles for Esperance, Rottneest and Ningaloo.

**Australian Animal Tagging and Monitoring System (AATAMS):** In the last month, the number of detections in the database has almost doubled due to the bulk upload of data from a number of AATAMS agencies and the ongoing addition of data by users from around the country following a series of data entry workshops. Data entry workshops will be ongoing until November this year.

**Satellite Remote Sensing** - Over the past few months there have been three new real-time, ship sea surface temperature (SST) data streams added to the IMOS Portal from RV *Linnaeus*, MV *Wana Bhum* and MV *Xutra Bhum*. There are also three real-time SST data streams available from RV *Southern Surveyor*, RV *Tangaroa* and RSV *Aurora Australis*. The SST and salinity data from all these 16 vessels plus the RV *Cape Ferguson* and RV *Solander* has been supplied in near real-time to the Global Telecommunication System (GTS) and so has found its way to climate SST and salinity data bases such as Global Ocean Surface Underway Data (GOSUD), International Comprehensive Ocean-Atmosphere Data Set (ICOADS) and Hadley Centre SST data set (HadSST).

## 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](mailto:Marian.Wiltshire@utas.edu.au)

**5 November 2012** WAIMOS Science Workshop. The WAIMOS Science Workshop is an opportunity to assess scientific progress that has been made using IMOS data streams, and support future developments. For more information, contact WAIMOS Manager [agi.gedeon@uwa.edu.au](mailto:agi.gedeon@uwa.edu.au)

**13-16 November 2012** Integrated Ocean Observing System (IOOS) Summit 2012, Herndon, VA. For more information, <http://www.iooc.us/summit/ioos-summit/>

**28-29 November 2012** IMOS Bluewater and Climate Science Node meeting, CMAR, Hobart, Tas. For more details [http://imos.org.au/newsitem.html?&no\\_cache=1&tx\\_ttnews%5Btt\\_news%5D=384&cHash=682ad669e6c00c444b4e2264c1469555](http://imos.org.au/newsitem.html?&no_cache=1&tx_ttnews%5Btt_news%5D=384&cHash=682ad669e6c00c444b4e2264c1469555)

**11-13 February 2013** 19th National Conference of the Australian Meteorological and Oceanographic Society (AMOS), Melbourne, VIC. If you have any interesting scientific results using IMOS data we encourage you to submit an abstract for the session 16. Insights from the Integrated Marine Observing

System (IMOS): From Physics to Biology, Oceanographic observations. For more information, <http://wired.ivvy.com/event/WXOCCX/>.

**15-19 April 2013** GODAE OceanView-GSOP-CLIVAR Workshop on Observing System Evaluation and Coupled Data Assimilation, Hobart Tasmania. For more information, <https://www.godae-oceanview.org/outreach/meetings-workshops/godae-oceanview-gsop-clivar-workshop-2013/>

**24-28 June 2013** Asia Oceania Geosciences Society (AOGS) Annual Meeting, Brisbane, QLD. For more information, <http://asiaoceania.org/aogs2013>. Session proposals close **13 November 2012**.