



Australia and New Zealand form the Australia-New Zealand IODP Consortium (ANZIC), and the two countries have access to all IODP activities. This bulletin provides current news, job opportunities, scholarships and events relating to both national and international scientific communities.

For more information contact:

Website: www.iodp.org.au

Website: www.drill.gns.cri.nz

Please note:

Neville Exon will be out of the office from July 29th and return on August 19th.

Please forward urgent communications to Cath at iodp.administrator.anu.edu.au

News from the ANZIC Office

ANZIC's Governing Council met by telephone on 9 July to discuss ANZIC's activities and plans for the future. We had a brief written report from the *Indian and Pacific Ocean Conference* in Bali (18-22 June) by Stephen Gallagher (University of Melbourne), whose talk about the highly ranked proposal to drill on the Northwest Shelf was well received. There were also talks on potential Sumatra subduction zone drilling. Discussions with key Indonesian scientists indicated that they are very interested in IODP. Richard Arculus (ANU) and Jody Webster (University of Sydney) attended the *Proposal Evaluation Panel Meeting* (19-21 June) in Santa Cruz (USA), at which new proposals will be ranked, including some in our region. Their feedback was positive. Encouragingly, 2/3 of all active proposals are in the Pacific, Indian and Southern Oceans, and there are almost as many ANZIC led proposals as Japanese led proposals. Others commented that ANZIC was getting a great deal from IODP compared to its financial input. An article entitled "Exploring new drilling prospects in the Southwest Pacific", covering the results of last year's *Southwest Pacific IODP Workshop*, has been sent to Scientific Drilling by Stephen Gallagher.

Three referees' reports for the Australian application for five years' ARC/LIEF funding, beginning in 2014, have been received and responded to by the proponents. The reports were generally positive and questions raised were readily responded to. We expect a response from ARC to our application later this year, perhaps in October.

Three ANZIC participants are on the *JOIDES Resolution* Southern Alaska Margin Expedition 341 (May 29 -July 29) investigating the tectonics, climate and sedimentation on this active plate margin. Carol Larsen of the New Zealand National Aquarium is an education outreach officer aboard ship and responsible for live video discussions with teachers and school students around the world including New Zealand and Australia. Two sessions involving a dozen Australian schools have been scheduled by Questacon.

Two ANZIC applications for positions on the 2014 *JOIDES Resolution* Izu-Bonin-Mariana Forearc Expedition 352 have been supported by the ANZIC Science Committee and forwarded to the organisers. We congratulate Matthew Josh (CSIRO) on being selected to join the latest *Chikyu* Nankai Trough plate boundary Expedition 348 late this year. We have provided applicants for all scheduled expeditions through until late 2014. We normally have one scientist on each expedition.

Upcoming Workshops and Meetings

International Conference on Paleoceanography (September 1-6, 2013; Barcelona, Spain):

<http://www.icp2013.cat/>

Ocean Bottom Seismograph Workshop (October 21-22, 2013; Redondo Beach, California):

<http://www.obsip.org>

Geological Society of America Annual Meeting (October 27-30, 2013; Denver, Colorado): <http://community.geosociety.org/2013AnnualMeeting/Home/>

EarthCube Workshop: Increasing Access to and Relevance of Marine Seismic Data

(November 4-6, 2013; Austin, Texas): http://www.ig.utexas.edu/seismic_workshop/

Antarctic Geologic Drilling Workshop (November 7-8, 2013; Houston, Texas): [http://](http://eas.uh.edu/agdw)

eas.uh.edu/agdw

American Geophysical Union Fall Meeting (December 9-13, 2013; San Francisco, California):

<http://fallmeeting.agu.org/2013/>

IODP-related Sessions at the AGU Fall Meeting* (abstract deadline August 6, 2013):

- B020: Deep Biosphere Research: Presence, Diversity, and Activity of Microbes
- GP014: Paleomagnetism and Rock Magnetism from Scientific Drilling
- OS007: Geodynamic, Sedimentary, and Oceanographic Processes of the South China Sea
- PP020: Paleo-Sealevel: Core Record and Modeling Constraints on Rates and Processes
- PP023: Paleoclimatic History of the Pacific Sector of the Arctic
- T019: Investigating Marine Records of Climate-Tectonic Interactions in Active Orogens: Southern Alaska and Other Convergent Margins
- T026: Oceanic Detachment Faulting and Associated Processes at Mid-Ocean Ridges
- T028: Recent IODP Investigations of Circum-Pacific Subduction Zones

IODP in the Media*:

Microbe community thrives beneath seafloor (NBC News; June 12, 2013): <http://www.nbcnews.com/science/microbe-community-thrives-beneath-seafloor-6C10302050?franchiseSlug=sciencemain>

Life found thriving deep under ocean floor (FOX News; June 13, 2013): <http://www.foxnews.com/science/2013/06/13/thriving-microbe-community-lives-beneath-seafloor/>

Life thrives 500 feet below seafloor (Discovery News; June 14, 2013): <http://news.discovery.com/earth/oceans/life-thrives-500-feet-below-seafloor-130614.htm>

Special Call for IODP-Related Workshop Proposals

The *JOIDES Resolution* Facility Board recently announced that after the Indian Ocean, the *JOIDES Resolution* will likely work in the southern Pacific Ocean, followed by the southern and central Atlantic Ocean. The U.S. Science Support Program associated with the Integrated Ocean Drilling Program is seeking workshop proposals to specifically develop expeditions in these regions.

Proposed workshops should promote the development of new ideas to study the Earth's processes and history via scientific ocean drilling. Broad-based scientific community involvement, co-sponsorship by related programs, and the active participation of graduate students are strongly encouraged. Funding may also be requested for small meetings (<\$5,000) or to support participants at larger international workshops. Workshops should result in a drilling proposal submitted to IODP within one year of the meeting.

The workshop submission deadline for this special call is August 15, 2013. (Workshops focusing on any region will still be accepted at the USSSP standing deadline of October 1, 2013.) For more information, please visit: <http://iodp-ussp.org/funding/workshops/submit-a-proposal/>

AT SEA



Expedition 341, Southern Alaskan Margin.

With a little over two weeks to run, the *JOIDES Resolution* is on its way to the final drill site for 341 leaving behind the deep water and cetacean neighbours. Check on their progress with the daily reports .

Read daily and weekly reports at :
<http://iodp.tamu.edu/scienceops/sitesumm.html>

Follow *JOIDES Resolution* on Facebook
<https://www.facebook.com/joidesresolution?fref=ts>



Expedition 346

will embark from Valdez, Alaska on the 29th July with Stephen Gallagher, Chair of our Science Committee, from University of Melbourne sailing with the Paleontologists, specializing in forams.

AGU FALL MEETING

San Francisco | 9–13 December 2013

PP025: Pliocene climate variability from the tropics to the poles
I.S. Castañeda, J. Brigham-Grette, J. Gosse, A. Ballantyne

Pliocene climate was warmer than today despite having similar atmospheric CO₂ concentrations and continental configurations. This epoch is useful for investigating processes and feedbacks leading to enhanced warming. A great mismatch between global climate models and proxy records exists as models do not capture the reconstructed Arctic temperature amplification. We seek investigations examining Pliocene climate from terrestrial and marine climate archives and model simulations. Contributions that improve our ability to link different proxy records to global or regional Earth system processes are also sought. We aim to bring together scientists investigating diverse aspects of Pliocene climate variability using a wide range of approaches.

Invited speakers: Christina Ravelo, Adam Csank, Dan Lunt and Rob DeConto.

<http://fallmeeting.agu.org/2013/scientific-program/session-search/sessions/pp025-pliocene-climate-variability-from-the-tropics-to-the-poles/>



Mark Your Calendars! AGU is pleased again to co-sponsor the 17th biennial Ocean Sciences Meeting in collaboration with the [Association for the Sciences of Limnology and Oceanography \(ASLO\)](#), and [The Oceanography Society \(TOS\)](#). The meeting will be held 23 - 28 February in Honolulu, Hawaii. Spread the word and meet your colleagues on the Hawaiian island of Oahu!

[Visit the Web site](#) today to learn more about this important meeting and to begin making your plans to participate. Sessions will include all aspects of oceanography, including multidisciplinary topics and presentations that reflect new and emerging research on the global ocean and society. The call for abstracts will be announced in mid-August, and a list of sessions will be posted soon. We encourage you to check the [Web site](#) often for more information, especially to review the session list and begin your plans to present at the meeting. The abstract submission deadline is 4 October 2013.

We encourage submission requests for town halls, workshops, or other auxiliary meetings; an online form will be available in mid-August. All requests must be submitted by the abstract submission deadline of 4 October 2013. Requests submitted after 4 October may be accommodated based on space availability.

Have questions? Contact Lynda West, Ocean Sciences Meeting 2014 Project Manager, at lyndaw@sgmeet.com