

Antarctica New Zealand Science Update (43) May 2009

1. **Bidding Round Feedback:** Thanks for all of the responses to the timeline and process document for the upcoming science bidding round that Ed sent out. Ed and Ruth Berry from FRST are reviewing the feedback and will release the final document as soon as it is completed. Ed and Ruth are also working on the draft RFP for the coming bidding round, which will be released for comment once it is finalised.
2. **Oden Cruise Update:** Antarctica New Zealand has been looking at the possibility of a marine science cruise with the Oden icebreaker in the 2009/10 season. Due to financial constraints and the likely cost to Antarctica New Zealand we have decided not to pursue this. We will continue to look for opportunities to offer secure berths for marine scientists on vessels of opportunity.
3. A **REMINDER** that the deadline for early bird registration and registrations to present a poster or talk for the **Annual Antarctic Conference** is in eight days on **May 29th**. The conference will be hosted by the University of Auckland from 1-3 July 2009. All conference information and registration links can be found at: <http://www.antarcticanz.govt.nz/article/10566.html#19289>.
4. Antarctica New Zealand will be hosting an **International Polar Year Science Celebration mid-winter function** in Wellington on 23 June 2009 at 5.30pm. Invitations have been sent out to our Wellington stakeholders, so if you have not yet received an invitation, or you are planning on being in Wellington on this date and would like to attend, please contact Hilary Rose at h.rose@antarcticanz.govt.nz and we will gladly send you an invitation.
5. The **Conferences and Workshops** page on the Antarctica New Zealand website has been updated at: <http://www.antarcticanz.govt.nz/education/6699>. Please let Shulamit know if there are any applicable events that are not listed.
6. The latest **SCAR Bulletin** (number 172) containing the report from the SCAR Delegation to XXXII ATCM in Baltimore last month is now published and available at <http://www.scar.org/publications/bulletins>
7. The deadline for applications for the post of **SCAR Executive Director** is fast approaching on June 1st 2009. Go to: <http://www.scar.org/> for more information.
8. **The May APECS newsletter** is available at: http://apecs.arcticportal.org/images/stories/newsletters/apecs_may_2009_newsletter.pdf

Publications Submitted to Ant NZ this month:

Clilverd, M.A., Rodger, C.J., Thomson, N.R., Brundell, J.B., Ulich, T., Lichtenberger, J., Cobbett, N., Collier, A.B., Menk, F.W., Seppälä, A., Verronen, P.T., Turunen, E.
Remote sensing space weather events: Antarctic-Arctic Radiation-belt (Dynamic) Deposition-VLF Atmospheric Research Konsortium network.
Space weather 7(4):S04001 2009.
doi:10.1029/2008SW000412

Hopkins, D.W., Sparrow, A.D., Gregorich, E.G., Elberling, B., Novis, P., Fraser, F., Scrimgeour, C., Dennis, P.G., Meier-Augenstein, W., Greenfield, L.G.
Isotopic evidence for the provenance and turnover of organic carbon by soil microorganisms in the Antarctic dry valleys.
Environmental microbiology 11(3): 597-608 2009.
doi:10.1111/j.1462-2920.2008.01830.x

Ritz, M.S., Millar, C.D., Miller, G.D, Phillips, R.A, Ryan, P., Sternkopf, V., Liebers-Helbig, D., Peter, H-U.
Phylogeography of the southern skua complex—rapid colonization of the southern hemisphere during a glacial period and reticulate evolution.
Molecular phylogenetics and evolution 49: 292–303 2008.
doi:10.1016/j.ympev.2008.07.014

Sewell, M.A., Jury, J.A.
Desalination plants as plankton sampling devices in temporal studies: proof-of-concept and suggestions for the future.
Limnology and oceanography: methods 7: 363–370 2009.

Wharton, D.A., Marshall, C.J.
How do terrestrial Antarctic organisms survive in their harsh environment?
Journal of biology 8(4) 2009.
doi:10.1186/jbiol142