

ACE CRC Publications 1 January 2010 – 30 June 2010

Refereed journals

Authors	Year	Title	Journal	Vol and Edition	Pages	doi	Accepted but not yet published
Nicol S and Meiners K (eds)	2010	“BROKE-West” a biological/oceanographical survey off the coast of east Antarctica (30-80°E) carried out in January-March 2006	Deep-Sea Research II – Topical Studies in Oceanography	Volume 57 Issues 9-10	693-991	Special Volume	
Gaebler-Schwarz S, Davidson AT, Assmy P, Chem J, Henjes J, Noethig E, Lunau M, Medlin L A	2010	A new cell stage in the haploid-diploid life cycle of the colony-forming haptophyte <i>Phaeocystis antarctica</i> and its ecological implications.	Journal of Phycology				Accepted
Jarvis T, Kelly N, Kawaguchi S, van Wijik E and Nicol S	2010	Acoustic characterization of the broad-scale distribution and abundance of Antarctic krill (<i>Euphausia superba</i>) off East Antarctica (30-80°E) in January-March 2006	Deep-Sea Research Part II	Volume 57 Issues 9-10	916–933	10.1016/j.dsr2.2008.06.013	
Gedamke J and Robinson SM	2010	Acoustic survey for marine mammal occurrence and distribution off East Antarctica (30-80°E) in January-February 2006	Deep-Sea Research Part II	Volume 57 Issues 9-10	968–981	10.1016/j.dsr2.2008.10.042	
Chever F, Sarthou G, Bucciarelli E, Blain S, Bowie AR	2010	An iron budget during the natural iron fertilization experiment KEOPS (Kerguelen Island, Southern Ocean)	Biogeosciences	7	455-468	www.biogeosciences.net/7/455/2010/	
Lei, R., Li, Z., Cheng, B. Zhang, Z., and Heil, P.	2010	Annual cycle of landfast sea ice in Prydz Bay, East Antarctica	Journal of Geophysical Research, Oceans	115		10.1029/2008JC005223	
Williams, G. D., S. Aoki, S.S. Jacobs, S.R. Rintoul, T. Tamura and N.L. Bindoff	2010	Antarctic Bottom Water from the Adelie and George V Land Coast, East Antarctica	Journal of Geophysical Research – Oceans	115	C04027	10.1029/2009JC005812	
Kramer M, Swadling KM, Meiners KM, Kiko R, Scheltz A, Nicolaus M, Werner I	2010	Antarctic sympagic meiofauna in winter: comparing diversity, abundance and biomass between the western Weddell Sea and the southern Indian Ocean	Deep-Sea Research II – Topical Studies in Oceanography				Accepted

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Cheah, W., McMinn A, Griffiths B, Westwood KJ, Webb J, Molina E, Wright SW, van den Enden R	2010	Assessing Sub-Antarctic Zone primary productivity from fast repetition rate fluorometry	Deep Sea Research II				Accepted
Vancoppenolle, M., Timmermann, R., Ackley, S.F., Fichfet, T., Goussé, H., Heil, P., Lieser, J., Leonard, K.C., Nicolaus, M., Papakyriakou, T., and Tison, J.-L.	2010	Assessment of radiation forcing data sets for large-scale sea ice models in the Southern Ocean	Deep-Sea Research II				Accepted
Haward M,	2010	Australia and the Antarctic Treaty' - 50 Years On: Invited Reflections on the Antarctic Treaty	<i>Polar Record</i>	46 (236)	11-14.	10.1017/S0032247409990246	
Gabric A, Cropp R, McTainsh G, Johnston, B, Butler, H, Tilbrook, B, Keyword, M.	2010	Australian dust storms in 2002-2003 and their impact on Southern Ocean biogeochemistry	Global Biogeochemical Cycles	24		Gb200510.1029/2009gb003541	
Wen J, Wang Y, Wang W, Jezek K, Liu H, Allison I	2010	Basal melting and freezing under the Amery Ice Shelf, East Antarctica	Journal of Glaciology	56, 195	81-90	10.3189/002214310791190820	
Schwarz JN, Raymond B, Williams GD, Pasquer B, Marsland SJ and Gorton RJ	2010	Biophysical coupling in remotely-sensed wind stress, sea surface temperature, sea ice and chlorophyll concentrations in the South Indian Ocean	Deep-Sea Research Part II	Volume 57 Issues 9-10	701-722	10.1016/j.dsr2.2009.06.014	
Nicol S, Meiners K and Raymond B	2010	BROKE-West, a large ecosystem survey of the South West Indian Ocean sector of the Southern Ocean, 30°E-80°E (CCAMLR Division 58.4.2)	Deep-Sea Research Part II	Volume 57 Issues 9-10	693-700	10.1016/j.dsr2.2009.11.002	
Haward M, Press T,	2010	Commentary: Australia, the Antarctic Treaty and the Law of the Sea	<i>Australian Journal of Maritime and Oceans Affairs</i>	2, 1	32-33		
Doblin, MA, Ralph, PJ, Petrou, KL, Shelly, K,	2010	Diel variation of chl-a fluorescence, phytoplankton pigments and productivity	<i>Deep-Sea Research II</i>				Accepted

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Westwood, K, van den Enden, R, Wright, S, Griffiths, B		in the Sub-Antarctic Zone					
Jones G, Fortescue D, King S, Williams G and Wright S	2010	Dimethylsulphide and dimethylsulphoniopropionate in the South-West Indian Ocean sector of East Antarctica from 30o to 80oE during BROKE-West	Deep-Sea Research Part II	Volume 57 Issues 9-10	863–876	10.1016/j.dsr2.2009.01.003	
Lindsay MCM and Williams GD	2010	Distribution and abundance of Larvaceans in the Southern Ocean between 30 and 80°E	Deep-Sea Research Part II	Volume 57 Issues 9-10	905–915	10.1016/j.dsr2.2009.04.021	
Thomson PG, Davidson AT, van den Enden R, Pearce I, Seuront L, Paterson JS and Williams GD	2010	Distribution and abundance of marine microbes in the Southern Ocean between 30 and 80°E	Deep-Sea Research Part II	Volume 57 Issues 9-10	815–827	10.1016/j.dsr2.2008.10.040	
Lannuzel D, Schoemann V, de Jong J, Pasquer B, van der Merwe P, Masson F, Tison J-L, Bowie AR	2010	Distribution of dissolved iron in Antarctic sea ice: Spatial, seasonal, and inter-annual variability	Journal of Geophysical Research - Biogeosciences	115	G03022	10.1029/2009JG001031	
Pasquer B, Mongin M, Johnston N and Wright S	2010	Distribution of particulate organic matter (POM) in the Southern Ocean during BROKE-West (30°E-80°E)	Deep-Sea Research Part II	Volume 57 Issues 9-10	779–793	10.1016/j.dsr2.2008.12.040	
Van de Putte AP, Jackson GD, Pakhomov E, Flores H and Volckaert FAM	2010	Distribution of squid and fish in the pelagic zone of the Cosmonaut Sea and Prydz Bay region during the BROKE-West campaign	Deep-Sea Research Part II	Volume 57 Issues 9-10	956–967	10.1016/j.dsr2.2008.02.015	
Howard W, Roberts D, Moy A, Lindsay M, Hopcroft R, Trull T, Bray S	2010	Distribution, abundance and seasonal flux of pteropods in the Sub-Antarctic Zone	Deep Sea Research II	SAZ-Sense Voyage Special Edition			Accepted
Lannuzel D, Remenyi T, Lam P, Townsend A, Ibisanni E, Butler E, Wagener T, Schoemann V, Bowie	2010	Distributions of dissolved and particulate iron in the sub-Antarctic and polar frontal Southern Ocean (Australian sector)	Deep-Sea Research II	In press			Accepted

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AR							
Jordan L, McMinn A, Thompson P	2010	Diurnal changes of photoadaptive pigments in microphytobenthos	Journal of the Marine Biological Society of the UK	90	1025-1032		
Meiners, K.M., Norman, L., Granskog, M.A., Krell, A., Heil, P., and Thomas, D.N.	2010	Eco-biogeochemistry of East Antarctic pack ice during the winter-spring transition	Deep-Sea Research II				Accepted
Cook, SS, Hovenden, MJ, Ralph PJ, Wright, SW & Hallegraeff GM	2010	Ecophysiological differences between two Southern Ocean morphotypes of <i>Emiliana huxleyi</i> (Haptophyta): 2. Non-photochemical fluorescence quenching and xanthophyll cycle responses.	Journal of Phycology				Accepted
Cook, SS, Hovenden, MJ, Wright, SW & Hallegraeff GM .	2010	Ecophysiological differences between two Southern Ocean morphotypes of <i>Emiliana huxleyi</i> (Haptophyta): 1. Photosynthetic Pigment Profiles and Morphotaxonomy.	Journal of Phycology				Accepted
Koubbi, P. , C. Ozouf-Costaz, A. Goarant, M. Moteki, P.-A. Hulley, R. Causse, A. Dettai, G. Duhamel, P. Pruvost, E. Tavernier, A. Post, R. J. Beaman, S. R. Rintoul, T. Hirawake, D. Hirano, T. Ishimaru, M. Riddle and G. Hosie	2010	Estimating the biodiversity of the East Antarctic shelf and oceanic zone for ecoregionalisation: example of the ichthyofauna of the CEAMARC (Collaborative East Antarctic Marine Census) CMAL surveys	Polar Science				Accepted
Willatt R, Laxon S, Giles K and Worby A	2010	Field investigations of Ku-band radar penetration into snow cover on Antarctic sea ice	Geophysical Research Letters	48(1)	365-372		
Markus T, Massom R, Worby A, Lytle V, Kutz N and Maksym T	2010	Freeboard, snow depth and sea ice roughness in East Antarctica from in situ and multiple satellite data	Annals of Glaciology				Accepted
Tagliabue A, Bopp L, Dutay J-C, Bowie AR, Chever F, Jean-Baptiste P, Bucciarelli E,	2010	Hydrothermal contribution to oceanic dissolved iron inventory	Nature Geoscience	3	252 – 256	10.1038 /NGEO 818	

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Lannuzel D, Remenyi T, Sarthou G, Aumont O, Gehlen M, Jeandel C							
Kookana R; Holz G; Barnes C; Bub K; Fremlin R; Boardman R	2010	Impact of climatic and soil conditions on environmental fate of atrazine used under plantation forestry in Australia	Journal of Environmental Management			10.1016/j.jenvman.2010.07.037	Accepted
McMinn A., Pankowski A., Ashworth C, Bhagooli R., Ralph P., Ryan K	2010	In situ net primary productivity and photosynthesis of Antarctic sea ice algal, phytoplankton and benthic algal communities	Marine Biology	175	1345-1356	10.1007/s00227-010-1414-8	
van der Merwe, P, Lannuzel D, Mancuso Nichols CA, Meiners M, Bowie AR	2010	Iron fractionation in pack and fast ice in East Antarctica: potential for temporal decoupling between the release of dissolved and particulate iron during spring melt	Deep Sea Research II – Topical Studies in Oceanography				Accepted
Kawaguchi S, Nicol S, Virtue P, Davenport SR, Casper R, Swadling KM and Hosie GW	2010	Krill demography and large-scale distribution in the Western Indian Ocean sector of the Southern Ocean (CCAMLR Division 58.4.2) in Austral summer of 2006	Deep-Sea Research Part II	Volume 57 Issues 9-10	934–947	10.1016/j.dsr2.2008.06.014	
Virtue P, Kawaguchi S, McIvor J, Nicol S, Wotherspoon S, Brown M, Casper R, Davenport S, Finley L, Foster J, Yoshida T and Yoshiki T	2010	Krill growth and condition in Western Indian Ocean sector of the Southern Ocean 30-80°E in austral summer 2006	Deep-Sea Research Part II	Volume 57 Issues 9-10	948–955	10.1016/j.dsr2.2008.11.035	
Pearce I, Davidson AT, Thomson PG, Wright S, van den Enden R	2010	Marine microbial ecology in the Sub-Antarctic Zone: rates of bacterial and phytoplankton growth and grazing by heterotrophic protists.	<i>Deep-Sea Research II</i>				Accepted
Pearce I, Davidson AT, Thomson PG, Wright S and van den Enden R	2010	Marine microbial ecology off East Antarctica (30-80°E): Rates of bacterial and phytoplankton growth and grazing by heterotrophic protists	Deep-Sea Research Part II	Volume 57 Issues 9-10	849–862	10.1016/j.dsr2.2008.04.039	
Bowie AR, Townsend A, Lannuzel D, Remenyi T & van der Merwe, P	2010	Modern sampling and analytical methods for the determination of trace elements in marine particulate material using magnetic sector ICP-MS	Analytica Chimica Acta				Accepted
Nicol S, Bowie A, Jarman S, Lannuzel D, Meiners K, van	2010	Natural ocean iron fertilization by krill and baleen whales	Fish and Fisheries	11(2)	203-209	10.1111/j.1467-2979.20	

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der Merwe P						10.0356. x	
Ma YF, Bian LG, Xiao CD, Allison I and Zhou XJ	2010	Near surface climate of the traverse route from Zhongshan Station to Dome A, East Antarctica.	Antarctic Science	22 (4)	443-459	10.1017/S0954102010000209	
Eleaume, M., R. J. Beaman, H. J. Griffiths, B. Best, M. J. Riddle, V. Wadley, S. R. Rintoul, L. G. Hemery, and N. Ameziane,	2010	Near-bottom current direction inferred from comatulid crinoid feeding postures on the Terre Adelie and George V shelf, East Antarctica.	Deep Sea Research Part II	Available online 1 June 2010		10.1016/j.dsr2.2010.05.023	
Tagliabue A, Bopp L, Dutay JC, Bowie AR, Chever F, Jean-Baptiste P, Bucciarelli E, Lannuzel D, Remenyi T, Sarthou G, Aumont O, Gehlen M and Jeandel C	2010	On the importance of hydrothermalism to the oceanic dissolved iron inventory	Nature Geosciences			10.1038/NGE0818	
Bengtson Nash S, Rintoul SR, Kawaguchi S, Staniland I, van den Hoff J, Tierney M and Boissi R	2010	Perfluorinated compounds in the Antarctic region: Ocean circulation provides prolonged protection from distant sources	Environmental Pollution	158 (9)	2985-2991	10.1016/j.envpol.2010.05.024	Accepted
Petrou K, Hill R, Doblin MA, McMinn A, Johnson R, Wright SW, P. Ralph PJ	2010	Photoprotection of sea ice microalgal communities from the east Antarctic pack ice.	Journal of Phycology				Accepted
Davidson AT, Scott FJ, Nash GV, Wright SW and Raymond B	2010	Physical and biological control of protistan community composition, distribution and abundance in the seasonal ice zone of the Southern Ocean between 30 and 80°E	Deep-Sea Research Part II	Volume 57 Issues 9-10	828–848	10.1016/j.dsr2.2009.02.011	
Meiners KM, Norman L, Granskog MA, Krell A, Heil P, Thomas DN	2010	Physico-ecobiogeochemistry of East Antarctic pack ice during the winter–spring transition	Deep-Sea Research II – Topical Studies in Oceanography				Accepted
McMinn, A., Martin,	2010	Phytoplankton and sea ice biomass and physiology during the transition between	Polar Biology			10.1007/s00300-	

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A. Ryan K.		winter and spring (McMurdo Sound, Antarctica).				010-0844-6.	
Wright SW, van den Enden RL, Pearce I, Davidson AT, Scott FJ and Westwood KJ	2010	Phytoplankton community structure and stocks in the Southern Ocean (30–80°E) determined by CHEMTAX analysis of HPLC pigment signatures	Deep-Sea Research Part II	Volume 57 Issues 9-10	758–778	10.1016/j.dsr2.2009.06.015	
Westwood KJ, Griffiths FB, Webb JP, Wright SW	2010	Primary production in the Sub-Antarctic and Polar Frontal zones south of Tasmania, Australia; SAZ-Sense survey, 2007.	<i>Deep-Sea Research II</i>				Accepted
Westwood KJ, Griffiths FB, Meiners KM, Williams GD	2010	Primary productivity off the Antarctic coast from 30°-80° E, BROKE-West survey, 2006	Deep-Sea Research II – Topical Studies in Oceanography	57(9-10)	794-814	10.1016/j.dsr2.2008.08.020	
de Salas MF, Eriksen R, Davidson AT, Wright SW	2010	Protistan communities in the Australian sector of the Sub-Antarctic Zone during SAZ-SENSE.	<i>Deep-Sea Research II</i>				Accepted
Urbini S, Cafarella L, Zirizzotti A, Tabacco IE, Bottari C, Baskaradas JA, Young N	2010	Radio echo sounding data analysis of the Shackleton Ice Shelf	Annals of Geophysics	53,2, April 2010	79-87	10.4401/ag-4563	
Herraiz-Borreguero, L., and S. R. Rintoul	2010	Regional circulation and its impact on upper ocean variability south of Tasmania (Australia)	Deep-Sea Research II				Accepted
van Wijk, E. M., S. R. Rintoul, B. M. Ronai and G. D. Williams	2010	Regional circulation around Heard and McDonald Islands and through the Fawn Trough, central Kerguelen Plateau	Deep-Sea Research I	57	653-669		
Worby A, Steer A, Lieser J, Heil P, Yi D, Markus T, Allison I, Massom R, Galin N, Zwally H	2010	Regional-scale sea ice and snow thickness distributions from in situ and satellite measurements over East Antarctic pack ice during SIPEX 2007	Deep-Sea Research Part II				Accepted
Seuront L, Leterme SC, Seymour JR, Mitchell JG, Ashcroft DA, Noble W, Thomson PG, Davidson AT, van den Enden R, Scott FJ, Wright SW, Schapira M, Chaperon C and	2010	Role of microbial and phytoplanktonic communities in the control of seawater viscosity off East Antarctica (30-80° E)	Deep-Sea Research Part II	Volume 57 Issues 9-10	877–886	10.1016/j.dsr2.2008.09.018	

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Cribb N							
Woehler EJ, Raymond B, Boyle A and Stafford A	2010	Seabird assemblages observed during the BROKE-West survey of the Antarctic coastline(30°E–80°E), January–March2006	Deep-Sea Research Part II	Volume 57 Issues 9-10	982–991	10.1016/j.dsr2.2008.12.041	
Piquet A M-T, Bolhuis H, Davidson A T, Buma A G.J.	2010	Seasonal succession and UV sensitivity of marine bacterioplankton at an Antarctic coastal site.	FEMS Microbiology Ecology			10.1111/j.1574-6941.2010.0882.x	
Hutchings, J.K., Heil, P., Steer, A., and Hibler III, W.D.	2010	Small-scale spatial variability of sea ice deformation in the western Weddell Sea during early summer	Journal of Physical Oceanography				Accepted
van Ommen, T, Morgan, V	2010	Snowfall increase in coastal East Antarctica linked with southwest Western Australian drought	Nature Geoscience	3	267-272	10.1038/NGEO761	
Nicol S, Bowie A, Jarman S, Lannuzel D, Meiners KM, van der Merwe P	2010	Southern Ocean iron fertilisation by krill and baleen whales	Fish and Fisheries	11(2)	203-209	10.1111/j.1467-2979.2010.0356.x	
Sallée, J.-B., K.Speer, S. R. Rintoul, and S. Wijffels	2010	Southern Ocean thermocline ventilation	Journal of Physical Oceanography	40	509-529	10.1175/2009JP04291.1	
Fukamachi, Y., S. R. Rintoul, J. A. Church, S. Aoki, S. Sokolov, M. Rosenberg and M. Wakatsuchi	2010	Strong export of Antarctic Bottom Water east of the Kerguelen Plateau.	Nature Geoscience	3	327-331		
Herraiz-Borreguero , L., S. R. Rintoul and R. Coleman	2010	Subantarctic Mode Water variability influenced by mesoscale eddies south of Tasmania	Journal of Geophysical Research – Oceans	115	C04004		
Sampson C, Golden K, Gully A and Worby A	2010	Surface impedance tomography for Antarctic sea ice	Deep-Sea Research Part II				Accepted
Williams GD, Nicol S, Aoki S, Meijers AJS, Bindoff NL, Iijima Y, Marsland SJ and Klocker A	2010	Surface oceanography of BROKE-West, along the Antarctic margin of the southwest Indian Ocean (30-80°E)	Deep-Sea Research Part II	Volume 57 Issues 9-10	738–757	10.1016/j.dsr2.2009.04.020	

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Brown M, Kawaguchi S, Candy S and Virtue P	2010	Temperature effects on the growth and maturation of Antarctic krill (<i>Euphausia superba</i>)	Deep-Sea Research Part II	Volume 57 Issues 7-8	672-682	10.1016/j.dsr2.2009.10.016	
DeLiberty T, Geiger C, Ackley S, Worby A and van Woert M	2010	The annual cycle of sea ice thickness and volume in the Ross Sea	Deep-Sea Research Part II				Accepted
Norman L, Thomas DN, Stedmon CA, Granskog MA, Papadimitriou S, Meiners KM, Lannuzel D, van der Merwe P, Dieckmann GS	2010	The characteristics of dissolved organic matter (DOM) and chromophoric dissolved organic matter (CDOM) in Antarctic sea ice	Deep-Sea Research II – Topical Studies in Oceanography				Accepted
Meijers AJS, Klocker A, Bindoff NL, Williams GD and Marsland SJ	2010	The circulation and water masses of the Antarctic shelf and continental slope between 30 and 80°E	Deep-Sea Research Part II	Volume 57 Issues 9-10	723–737	10.1016/j.dsr2.2009.04.019	
Cassar N, DiFiore P, Barnett BA, Bender ML, Bowie AR, Tilbrook B, Petrou K, Westwood KJ, Wright SW, Lefevre D	2010	The influence of iron and light on carbon export production in the subantarctic and polar frontal zones.	<i>Biogeoscience</i>				Accepted
Stammerjohn, S., Maksym, T., Heil, P., Massom, R.A., Vancoppenolle, M., and Leonard, K.C.	2010	The Influence of Winds, Sea Surface Temperature and Precipitation Anomalies on Antarctic Regional Sea Ice Conditions during IPY 2007	Deep-Sea Research II				Accepted
Stevens, R.P., and Heil, P.	2010	The interplay of dynamic and thermodynamic processes in driving the ice-edge location in the Southern Ocean	Annals of Glaciology				Accepted
Ibanmi EB, Hunter KA, Sander S, Boyd PW, Bowie AR	2010	Vertical distributions of iron-(III) complexing ligands in the Southern Ocean	Deep-Sea Research II	In press			Accepted
Lannuzel D, Schoemann V, Pasquer B, van der Merwe P, Masson F,	2010	What controls the distribution of dissolved iron in the seasonal ice zone? Spatial, seasonal or inter-annual	Journal of Geophysical Research,				Accepted

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Tison JL, de Jong J & Bowie AR		variability	Biogeosciences				
Sallée, J.-B., K.Speer, S. R. Rintoul	2010	Zonally asymmetric response of the Southern Ocean mixed-layer depth to the Southern Annular Mode	Nature Geoscience	3	273-279	10.1038/ngeo812	

Research Related Books and Book Chapters

Authors	Year	Chapter Title	Book	Publisher	Country
Boehme, L. & Co-Authors (including S. Rintoul)	2010	Biologging in the Global Ocean Observing System	Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol. 2),	ESA	France
Rintoul, S. R. & Co-Authors	2010	Deep circulation and meridional overturning	Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol. 1)	ESA	France
McMinn A, Bolch CJ, DeSalas M, Halegraeff GM	2010	Dinoflagellate Cysts.	Algae of Australia; Phytoplankton of temperate coastal waters,	CSIRO Press	Australia
Trenberth, K. & Co-Authors (including S. Rintoul)	2010	Intergovernmental Panel for Climate Change (IPCC) and attribution and prediction of climate: Progress since the Fourth Assessment	Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol. 1)	ESA	France
Charrassin, J. & Co-Authors (including S. Rintoul)	2010	New Insights Into Southern Ocean Physical and Biological Processes Revealed by Instrumented Elephant Seals	Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol. 2)	ESA	France
Turner, J. and 57 others, including S. Rintoul	2010	Observations, Data Accuracy and Tools	Antarctic Climate Change and the Environment	SCAR chapter 2	UK
Garzoli, S. & Co-Authors (including S. Rintoul)	2010	Progressing Towards Global Sustained Deep Ocean Observations	Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol. 2)	ESA	France
Worby A and Eicken H	2010	Ship-based ice observation programs	Handbook of sea-ice field research techniques	University of Alaska Press	USA
Sturm M and Massom R	2010	Snow and Sea Ice	Sea Ice, 2 nd Edition, edited by Thomas D and Dieckmann G	Wiley-Blackwell	UK
Rintoul, S. R. & Co-Authors	2010	Southern Ocean Observing System (SOOS): Rationale and Strategy for Sustained Observations of the Southern Ocean	Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol. 2)	ESA	France
Turner, J. and 64 others, including S. Rintoul	2010	The Instrumental Period	Antarctic Climate Change and the Environment	SCAR chapter 4	UK

Authors	Year	Chapter Title	Book	Publisher	Country
Cunningham, S. & Co-Authors (including S. Rintoul)	2010	The Present and Future System for Measuring the Atlantic Meridional Overturning Circulation and Heat Transport	Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol. 2)	ESA	France
Rintoul S	2010	The Southern Ocean in the Earth system	Science Diplomacy: Antarctica, Science and the Governance of International Spaces. Berkman, P.A., Lang, M.A., Walton, D.W.H., and Young O.R. (Eds.). S	Smithsonian Institution	USA

Full Written conference papers published in referred proceedings

Authors	Year	Title	Event	Place and date
A.J.S. Meijers, Galton-Fenzi, B. K., S.R. Rintoul and S. Sokolov.	2010	Adelie Depression seasonal circulation and dense shelf water export.	European Geophysical Union	Vienna, Austria
M Grose, SP Corney, CJ White, G Holz, J Bennett and NL Bindoff.	2010	Assessing rainfall trends and remote drivers in regional climate change projections: the demanding test case of Tasmania	IOP Conference Series: Earth and Environmental Science	<i>AMOS Conference Canberra, January</i>
Cassar N, Bender ML, DiFiore PJ, Tilbrook BD, Wright S, Bowie AR, Petrou K	2010	Controls on productivity and carbon export in the Australian Subantarctic Zone of the Southern Ocean	AGU Ocean Sciences Meeting	Portland, Oregon (USA), 22-26 February
Bowie AR, Lannuzel D, Remenyi T, van der Merwe P, Wagener T, Lam P & Tagliabue A	2010	Different biogeochemical processes drive iron supply in the subantarctic and polar Southern Ocean south of Australia	AGU ocean sciences meeting	22-26 February 2010, Portland, Oregon, United States.
Bowie AR, Lannuzel D, Remenyi T, van der Merwe P, Wagener T, Lam P, Tagliabue A	2010	Different processes drive seasonal biogeochemical iron supply in the subantarctic and polar Southern Ocean south of Australia	AGU Ocean Sciences Meeting	Portland, Oregon (USA), 22-26 February
Remenyi T, Tria J, Nesterenko P, Bowie A, Butler E, Haddad P	2010	Direct chromatographic determination of aluminium at trace level in seawater	Pittcon 2010	Orlando, Florida (USA). 28 February - 5 March
Lannuzel D, Schoemann V, van der Merwe P, Townsend A, Bowie AR	2010	Dissolved and particulate metals distribution in Antarctic sea ice and their role in tracing iron sources	AGU Ocean Sciences Meeting	Portland, Oregon (USA), 22-26 February
Sedwick PN, Bowie AR, Trull TW	2010	Dissolved iron in the Pacific sector of the Southern Ocean: distribution, seasonality, and prospects for the future	AGU Ocean Sciences Meeting	Portland, Oregon (USA), 22-26 February
A.J. Constable, B. Raymond, S. Doust, D. Welsford, and K. Martin-Smith	2010	Elaborating a representative system of marine protected areas in eastern Antarctica, south of 60S	CCAMLR WG-EMM	

Authors	Year	Title	Event	Place and date
SP Corney, J Katzfey, J McGregor, M Grose, CJ White, G Holz, J Bennett, and NL Bindoff.	2010	Improved regional climate modelling through dynamical downscaling	IOP Conference Series: Earth and Environmental Science	<i>AMOS Conference Canberra, January</i>
van der Merwe P, Lannuzel D, Mancuso-Nichols CA, Meiners K, Bowie AR	2010	Iron partitioning in pack and fast ice in East Antarctica: potential for temporal decoupling between the release of dissolved and particulate iron during spring melt	AGU Ocean Sciences Meeting	Portland, Oregon (USA), 22-26 February
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