



IP 3

Agenda Item: 5.3

Person Responsible: J. Baeseman

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SCAR Products and Publications

Executive Summary

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For the benefit of SCAR scientists and the wider community (including the Committee for Environmental Protection), SCAR provides several products that support the work of SCAR scientists but are also made widely available to others. These products provide scientific information in a form that is useful to scientists and others, for example providing meteorological data (Met-READER) or biodiversity data (e.g. biodiversity.aq) in a more easily usable format or providing access to information on bathymetry in the Southern Ocean (IBCSO). SCAR products rely on national efforts to lead with the SCAR Products. Some Products are joint with other organisations e.g. IBCSO is SCAR, IODC and the IHO.

Highlights are provided on Quantarctic, the Southern Ocean Acidification Report, and the Antarctic Biodiversity portal and the very important Antarctic Master Directory, and others.

Important Issues or Factors:

SCAR groups produce many peer-reviewed articles and grey literature papers. For the first time in the SCAR Products report to the Delegates, we are also including a sampling of these publications, as they should also be considered products and achievements of SCAR.

Recommendations/Actions and Justification:

- SCAR should consider allocating a budget line to help with outreach of various products and to create and populate a 'database' of all SCAR publications.
- Delegates are asked to remind relevant national entities to contribute data for SCAR products.

Budget Implications:

Some Products receive support from the SSGs and SPRs. \$2500 for 2017 and 2018 is requested to cover development and publication SCAR product outreach materials and for the creation of a database for SCAR publications. After initial development, the SCAR groups can maintain annual updates with help from the Secretariat.

Introduction

For the benefit of SCAR scientists and the wider community (including the Committee for Environmental Protection), SCAR provides several products that support the work of SCAR scientists but are also made widely available to others. These products provide scientific information in a form that is useful to scientists and others, for example providing meteorological data (Met-READER) or biodiversity data (e.g. biodiversity.aq) in a more easily usable format or providing access to information on bathymetry in the Southern Ocean (IBCSO). SCAR products rely on national efforts to lead with the SCAR Products. Some Products are joint with other organisations e.g. IBCSO is SCAR, IODC and the IHO.

Many peer-reviewed and grey literature papers are produced by various SCAR groups. For the first time in the SCAR Products report to the Delegates, we are also including a list of those as they should also be considered products, and achievements of SCAR.

The Products

The full list of SCAR Products currently consist of:

- ADD - Antarctic Digital Database
- ADMAP - Antarctic Digital Magnetic Anomaly Project
- Antarctic Biodiversity Database (terrestrial data)
- Antarctic Map Catalogue
- Antarctic Master Directory (AMD)
- BEDMAP2 - Antarctic Bedrock Mapping
- Biodiversity.aq (formerly SCAR Marine Biodiversity Information Network (SCAR-MarBIN))
- Composite Gazetteer of Antarctica
- CPR - Continuous Plankton Recorder Database
- IBCSO - International Bathymetric Chart of the Southern Ocean
- READER - REference Antarctic Data for Environmental Research
- SDLS - Seismic Data Library System
- Biogeographic Atlas of the Southern Ocean
- Quantarctica
- SOOS Field Projects Database

For further details see: <http://www.scar.org/data-products>

Selected Highlights



SCAR products are featured in a list of [1000 GIS applications and their uses](#) from over 50 industries, put together by the website GIS Geography to show how GIS is changing our world.

In the section on Arctic/Antarctic GIS applications, SCAR products [Quantarctica](#) and [ADMAP \(Antarctic Digital Magnetic Anomaly Project\)](#) feature at numbers 80 and 86 respectively, and [IBCSO \(the International Bathymetric Chart of the Southern Ocean\)](#) feeds into [GEBCO \(General Bathymetric Chart of the Oceans\)](#), which features in the Oceans section at number

696. The compilers promise that the list will open your mind to our amazing planet and its inter-connectivity.

Quantarctica

Quantarctica is a collection of Antarctic GIS datasets developed by the Norwegian Polar Institute as a SCAR product. It is free for non-commercial use, such as research, education, and operations in Antarctica. Development started in 2012, and the first version was released in 2013. The current version (2.0) was released in August 2014 and became one of the official SCAR products. In March 2016, NPI hired a full-time Quantarctica project coordinator for at least 2 years, funded by a grant from the Norwegian Ministry of Foreign Affairs and enabling more active development of Quantarctica version 3, which is planned for 2017.

Two primary goals exist for Quantarctica in 2016-17: 1) An increase in the breadth, depth, and resolution of the included open data from an expanded array of international partners and investigators in Antarctic climatology, biology, oceanography, atmospheric sciences, and logistics, and 2) Expanded educational outreach, in the form of online and video tutorials, documentation, and user workshops at the SCAR OSC and other international meetings.

Antarctic Biodiversity Portal

The Antarctic Biodiversity Portal obtained funding for a 5-year project at the end of 2014 within the framework of the European Lifewatch initiative. In the next years we will continue aggregating Antarctic biodiversity data published according to the principles of OBIS and GBIF. Furthermore, the project will work on creating a virtual laboratory that allows discovering and analysing Antarctic biodiversity data. Additionally we will be exploring online tools for the publication of workflows that allow replicate research analyses.

Biogeographic Atlas of the Southern Ocean

The Antarctic Biodiversity Portal will also start the development of the framework of a living online version of the Biogeographic Atlas of the Southern Ocean, which will facilitate integration expert knowledge and descriptions with an online exploration and analyses tool.

Furthermore the Portal has continued working on the Microbial Antarctic Resource System for this additional funding was obtained that will help in further developing this portal for the microbial community.

The Antarctic biodiversity portal has become an IODE Associate Data Unit.

Antarctic Master Directory (AMD)

The Antarctic Master Directory (AMD) is the largest collection of Antarctic data set description in the world, holding over 7700 dataset descriptions from 25 countries. The Global Change Master Directory (GCMD) of the CEOS-IDN network hosts the AMD to minimise duplication of resources and metadata.

The Standing Committee on Antarctic Data Management, and the National Antarctic data centres that are members will continue to encourage submission of metadata and data to the Antarctic Data Management System and to further improve and populate the AMD and provide guidance to the AMD host. For the next years SCADM wants to devote special attention to integrating data and metadata generated by the SCAR SRP's into the AMD.

International Bathymetric Chart of the Southern Ocean (IBCSO)

After the release of the IBCSO Version 1.0 digital bathymetric model in 2013, we used conferences/meetings to make the community aware of this new product. The EG also discussed the further development of the project. The main result is that a next version should also incorporate the waters south of 50°S (Version 1.0 was up to 60°S). The group is currently looking for funding to support the time of people to create the updated version.

READER (REference Antarctic Data for Environmental Research)

The SCAR READER (REference Antarctic Data for Environmental Research) data base is the definitive record of monthly mean, quality controlled meteorological data from the Antarctic stations. It is maintained by Steve Colwell and updated on a monthly basis. See <https://legacy.bas.ac.uk/met/READER/>. Data from READER have been used in many studies and publications in the refereed literature.

Antarctic Climate Change and the Environment (ACCE)

The SCAR Antarctic Climate Change and the Environment (ACCE) book published in 2009 and the subsequent updates have been transferred into a wiki – see http://acce.scar.org/wiki/Antarctic_Climate_Change_and_the_Environment. It is being updated as time permits. To date it has been accessed over 13,000 times.

ADMAP-2 (Antarctic Digital Magnetic Anomaly Project)

Major progress has been made in both new regional and continental scale magnetic anomaly compilations and in preparing relevant databases. There have also been several publications about Antarctic magnetic anomaly interpretation in international journals (e.g. Aitken et al., 2014 GRL).

A variety of new aeromagnetic surveys have been flown in 2015 and 2016 and others are already planned for the next 2 Antarctic field seasons (e.g. over Princess Elizabeth Land, South Pole, Ross Ice Shelf and interior East Antarctica). These efforts will need to be included into updates to the ADMAP-2 compilation.

The group needs to be continued firstly to produce the final ADMAP-2 magnetic anomaly map for Antarctica including the relevant digital databases. Also a much improved web-based data release portal and an international geomagnetic-community-based paper summarizing the new compilation needs to be prepared.

Global Soil Biodiversity Atlas

The first ever Global Soil Biodiversity Atlas uses informative texts, stunning photographs and striking maps to answer and explain these and other questions. Although it is not a SCAR product, Diana Wall, member of SCAR's Antarctic Thresholds - Ecosystem Resilience and Adaptation (AnT-ERA) Steering Committee, and Scientific Chair of the Global Soil Biodiversity Initiative helped to spearhead the effort.

The Atlas is divided in 8 chapters covering all the aspects of soil biodiversity: Soil habitat, Diversity of soil organisms, Geographical and temporal distribution, Ecosystem functions and services, Threats, Interventions, Policy, education and outreach, and Conclusions.

The Atlas is a remarkable international scientific effort with contributions from 100 experts from 29 countries. At it's most fundamental, it is a series of amazing photos, maps, charts, tables, statistics, and shared information that scientists, educators, policy makers, and non-specialists alike can use as a toolkit for knowing and understanding soil biodiversity globally.

The Atlas can be downloaded here:

http://esdac.jrc.ec.europa.eu/public_path/JRC_global_soilbio_atlas_online.pdf

SOOS Field Projects Database

For some years, oceanic and polar researchers have been discussing the need for a tool that allows us to share information on field projects, before heading to sea. SOOS is coordinating the development of a multi-disciplinary, international field projects database. This database will host details of voyage transects and of the individual project leaders working on board.

A draft proposal for the field projects database has been developed through extensive community consultation. This proposal, and responses to it, are being used to refine the structure of the database, to be built by the CLIVAR and Carbon Hydrographic Data Office, at Scripps Institution of Oceanography.

The database will include the following:

- A map of upcoming and completed fieldwork programs
- Capacity for voyage coordinators to upload route maps and voyage details, and edit these as more details become available
- Capacity for project Principle Investigators (PIs) to upload details of individual projects on each voyage, and to edit these as more information becomes available
- Spatial and text-based search functions to allow users to find voyages and projects in their areas of interest
- Capacity for the information in each project record to be used as the basis for a metadata record for the resulting data. Since all research data from the Southern Ocean should have a metadata record, this will avoid duplication of data management efforts.

To get involved in the development of the field projects database, contact the SOOS data officer, [Pip Bricher](#).

Southern Ocean Satellite Data Requirements Report

In order to address growing disparities in Polar remote sensing, and in particular to articulate the satellite needs specific to the Southern Ocean, last year SOOS and CliC (Climate and the Cryosphere Project) coordinated a community survey to canvas uses of remote sensing and define limitations and recommendations for improvement of Southern Ocean remote sensing.

These survey responses have been brought together into a summary report, which was around the entire Southern Ocean community (both operational and research). Sections of the report include sea ice variables, atmospheric parameters, SST, SSH, SSS, terrestrial cryospheric connections, marine microbes / ocean colour, marine biology, surface winds, and more. The aim of the report is to represent the Southern Ocean community's satellite data needs for the coming decade. It is designed to stand as an important strategy paper that provides the rationale and information required for future strategic planning and investment.

This report was submitted to Antarctic Science at the end of 2015 and will be made available as soon as possible.

Publications

- not a complete list, additional publications submitted by groups to the Secretariat will be added at a later date. All reported as of 25 June are included below. SRP publications can be found in their external review reports and thus are not copied into the list below to avoid redundancy.

OpMet

Steve R. COLWELL, Arthur M. CAYETTE, Matthew A. LAZZARA, Jordan G. POWERS, David H. BROMWICH, John J. CASSANO, Scott CARPENTIER. 2016. The 10th Antarctic Meteorological Observation, Modeling, and Forecasting Workshop. *ADVANCES IN ATMOSPHERIC SCIENCES*, 2016, 33(5): 656-658. doi: 10.1007/s00376-016-6012-3

Selected from IPICS

- Fischer, H., et al. (2013), Where to find 1.5 million yr old ice for the IPICS "Oldest Ice" ice core, *Climate of the Past*, 9, 2489-2505, doi:10.5194/cpd-9-2771-2013.
- Van Liefferinge, B., and F. Pattyn (2013), Using ice-flow models to evaluate potential sites of million year-old ice in Antarctica, *Climate of the Past*, 9(5), 2335-2345, doi:10.5194/cp-9-2335-2013.
- Alemany, O., et al. (2014), The SUBGLACIOR drilling probe: concept and design, *Ann. Glaciol.*, 55(68), 233-242, doi:10.3189/2014AoG68A026.
- Capron, E., A. Govin, E. J. Stone, V. Masson-Delmotte, S. Mulitza, B. Otto-Bliesner, L. C. Sime, C. Waelbroeck, and E. W. Wolff (2014), Temporal and spatial structure of multi-millennial temperature changes at high latitudes during the Last Interglacial, *Quat. Sci. Rev.*, 103, 116-133.
- Masson-Delmotte, V., et al. (2011), A comparison of the present and last interglacial periods in six Antarctic ice cores, *Clim. Past*, 7(2), 397-423.
- NEEM Community Members (2013), Eemian interglacial reconstructed from a Greenland folded ice core *Nature*, 493, 489-494, doi:10.1038/nature11789.
- Schneider, R., J. Schmitt, P. Kohler, F. Joos, and H. Fischer (2013), A reconstruction of atmospheric carbon dioxide and its stable carbon isotopic composition from the penultimate glacial maximum to the last glacial inception, *Climate of the Past*, 9(6), 2507-2523, doi:10.5194/cp-9-2507-2013.
- Steig, E. J., K. Huybers, H. A. Singh, N. J. Steiger, Q. H. Ding, D. M. W. Frierson, T. Popp, and J. W. C. White (2015), Influence of West Antarctic Ice Sheet collapse on Antarctic surface climate, *Geophys. Res. Lett.*, 42(12), 4862-4868, doi:10.1002/2015gl063861.
- Marcott, S. A., et al. (2014), Centennial-scale changes in the global carbon cycle during the last deglaciation, *Nature*, 514(7524), 616-619, doi:10.1038/nature13799.
- Mulvaney, R., N. J. Abram, R. C. A. Hindmarsh, C. Arrowsmith, L. Fleet, J. Triest, L. C. Sime, O. Alemany, and S. Foord (2012), Recent Antarctic Peninsula warming relative to Holocene climate and ice-shelf history, *Nature*, 489(7414), 141-144, doi:http://www.nature.com/nature/journal/v489/n7414/abs/nature11391.html#supplementary-information.
- Pedro, J. B., S. O. Rasmussen, and T. D. van Ommen (2012), Tightened constraints on the time-lag between Antarctic temperature and CO₂ during the last deglaciation, *Climate of the Past*, 8(4), 1213-1221, doi:10.5194/cp-8-1213-2012.
- Wais Divide Project Members (2015), Precise inter-polar phasing of abrupt climate change during the last ice age, *Nature*, 520(7549), 661-665, doi:10.1038/nature14401, http://www.nature.com/nature/journal/v520/n7549/abs/nature14401.html#supplementary-information.
- Pages 2k Consortium (2013), Continental-scale temperature variability during the past two millennia, *Nature Geoscience*, 6(5), 339-346, doi:10.1038/ngeo1797.
- Sigl, M., et al. (2015), Timing and climate forcing of volcanic eruptions for the past 2,500 years, *Nature*, 523(7562), 543-+, doi:10.1038/nature14565.

IBCSO

Arndt, J. E., Schenke, H.-W., Jakobsson, M., Nitsche, F. O., Buys, G., Goleby, B., Rebesco, M., Bohoyo, F., Hong, J., Black, J., Greku, R., Udintsev, G., Barrios, F., Reynoso-Peralta, W., Taisei, M., and Wigley, R. (2013). The International Bathymetric Chart of the Southern Ocean (IBCSO) Version 1.0 – A new bathymetric compilation covering circum-Antarctic waters. *Geophysical Research Letters*, 40(12), 3111–3117. doi:10.1002/grl.50413

ADMAP-2

The international ADMAP Expert group has been VERY productive since its initiation in 1995. Ca 200 publications have been published. In two decades this means that we average almost 10 publications per year and our members have several publications in top tier journals including e.g. Nature, GRL, JGR, EPSL, Geology. Two Special Issues of Tectonophysics and one in Annali di Geofisica have also been published.

2016

F. J. Davey, R. Granot, S. C. Cande, J. M. Stock, M. Selvans, F. Ferraccioli, 2016.

Synchronous Oceanic Spreading and Continental Rifting in West Antarctica. *Geophysical Research Letters*, DOI: 10.1002/2016GL069087.

A. R. A. Aitken, J. L. Roberts, T. D. van Ommen, D. A. Young, N. R. Golledge, J. S. Greenbaum, D. D. Blankenship & M. J. Siegert, 2016. Repeated large-scale retreat and advance of Totten Glacier indicated by inland bed erosion. *Nature* 533, 385–389, doi:10.1038/nature17447

A.R.A. Aitken, P.G. Betts, D.A. Young, D.D. Blankenship, J.L. Roberts, M.J. Siegert, 2016. The Australo-Antarctic Columbia to Gondwana transition. *Gondwana Research*, 29 (1), 136-152, doi:10.1016/j.gr.2014.10.019.

Frederick, B. C., Young, D. A., Blankenship, D. D., Richter, T. G., Kempf, S. D., Ferraccioli, F., and Siegert, M. J., 2016, Distribution of subglacial sediments across the Wilkes Subglacial Basin, East Antarctica, *Journal Of Geophysical Research: Earth Surface*, 121, 4, 790–813, 10.1002/2015JF003760

2015

Ferraccioli F., 2015. Antarctic Frontiers as revealed from a decade of aerogeophysical exploration. *First Break*, European Association of Geoscientists & Engineers, doi: 10.3997/2214-4609.201411994.

Greenbaum, J. S., Blankenship, D. D., Young, D. A., Richter, T. G., Roberts, J. L., Aitken, A. R. A., Legresy, B., Schroeder, D. M., Warner, R. C., van Ommen, T. D., and Siegert, M. J., 2015, Ocean access to a cavity beneath Totten Glacier in East Antarctica, *Nature Geosciences*, 8, 294-298, 10.1038/ngeo2388

DYMENT, J., et al. Global equivalent magnetization of the oceanic lithosphere. *Earth and Planetary Science Letters*, 2015, 430: 54-65.

JACOBS, J., ELBURG, M., LÄUFER, A., KLEINHANN, I.C., HENJES-KUNST, F., ESTRADA, S., RUPPEL, A.S., DAMASKE, MONTERO, P. & BEA, F. (2015): Two distinct Late Mesoproterozoic/Early Neoproterozoic basement provinces in central/eastern Dronning Maud Land, East Antarctica: The missing link, 15–21°E - - *Precambrian Research*, 265, 249-272, <http://dx.doi.org/10.1016/j.precamres.2015.05.003>.

2014

DAMASKE, D., SCHRECKENBERGER, B. & GOLDMANN, F. (2014): A High Resolution Aeromagnetic Survey over the Mesa Range, northern Victoria Land, Antarctica. – *Polarforschung*, 84, (1), 1-13.

JORDAN, T. A., et al. Structure and evolution of Cenozoic arc magmatism on the Antarctic Peninsula: a high resolution aeromagnetic perspective. *Geophysical Journal International*, 2014, 198.3: 1758-1774.

Eagles, G., and Jokat, W., 2014, Tectonic reconstructions for paleobathymetry in Drake Passage, *Tectonophysics*, 611, 28-50. Doi:10.1016/j.tecto.2013.11.021.

- MIETH, M., JACOBS, J., RUPPEL, A., DAMASKE, D., LÄUFER, A. & JOKAT, W. (2014): New detailed aeromagnetic and geological data of eastern Dronning Maud Land: Implications for refining the tectonic and structural framework of Sør Rondane, East Antarctica. - *Precambrian Research*, **245**, 174-185, doi:10.1016/j.precamres.2014.02.009.
- Mieth, M., and Jokat, W., 2014, New aeromagnetic view of the geological fabric of southern Dronning Maud Land and Coats Land, East Antarctica, *Gondwana Research*, **25**, 358-367. Doi:10.1016/j.gr.2013.04.003
- Mieth, M. and Jokat, W. (2014): Banded iron formation (?) at Grunehogna Craton, East Antarctica - constraints from aeromagnetic data , *Precambrian Research*, **250** , pp. 143-150 . doi: 10.1016/j.precamres.2014.06.001
- CATALÁN, Manuel, et al. Monitoring the evolution of Deception Island volcano from magnetic anomaly data (South Shetland Islands, Antarctica). *Global and Planetary Change*, 2014, **123**: 199-212.
- PANDIT, Manoj K.; DE WALL, Helga. Preliminary Magnetic Susceptibility Characteristics of the Bharati Promontory (Grovnness Peninsula), Larsemann Hills, Prydz Bay Region, East Antarctica. *Journal of the Geological Society of India*, 2014, **84.2**: 163-173.
- Aitken, A. R. A., D. A. Young, F. Ferraccioli, P. G. Betts, J. S. Greenbaum, T. G. Richter, J. L. Roberts, D. D. Blankenship, and M. J. Siegert (2014), The subglacial geology of Wilkes Land, East Antarctica, *Geophys. Res. Lett.*, **41**, 2390-2400, doi:10.1002/2014GL059405.
- T.M.Damiani, T.A.Jordan, F.Ferraccioli, D.A.Young, D.D.Blankenship, 2014. Variable crustal thickness beneath Thwaites Glacier revealed from airborne gravimetry, possible implications for geothermal heat flux in West Antarctica. *Earth and Planetary Science Letters* **407**, 109–122.
- 2013**
- Ferraccioli, F., Ralph von Frese, Marta Ghidella, 2013 (Guest Editors). Recent advances in Antarctic Geomagnetism and Lithosphere studies. *Tectonophysics*, **585**, 1-2, 10.1016/j.tecto.2012.11.002.
- Gohl, K., Denk, A., Eagles, G., and Wobbe, F., 2013, Deciphering tectonic phases of the Amundsen Sea Embayment shelf, West Antarctica, from a magnetic anomaly grid, *Tectonophysics*, **585**, 113-123. Doi:10.1016/j.tecto.2012.06.036.
- Golynsky, A., Bell, R., Blankenship, D., Damaske, D., Ferraccioli, F., Finn, C., Golynsky, D., Ivanov, S., Jokat, W., Masolov, V., Riedel, S., von Frese, R, Young, D. and the ADMAP Working Group (2013). Air and shipborne magnetic surveys of the Antarctic into the 21st century. *Tectonophysics*, Recent advances in Antarctic geomagnetism and lithosphere studies, **585**, 3–12, doi:10.1016/j.tecto.2012.02.017
- Tozzi, R., De Santis, A., & Gaya-Piqué, L. R. (2013). Antarctic geomagnetic reference model updated to 2010 and provisionally to 2012. *Tectonophysics*, Recent advances in Antarctic geomagnetism and lithosphere studies, **585**, 13-25.
- H.R. Kim and R.R.B. von Frese (2013). Localized analysis of polar geomagnetic jerks. *Tectonophysics*, Recent advances in Antarctic geomagnetism and lithosphere studies, **585**, 26–33.
- J.W. Kim, H.R. Kim, R. von Frese, P. Taylor and E. Rangelova (2013). Geopotential field anomaly continuation with multi-altitude observations. *Tectonophysics*, Recent advances in Antarctic geomagnetism and lithosphere studies, **585**, 34–47.
- A.S. Wendt, A.P.M. Vaughan, F. Ferraccioli and A.M. Grunow (2013). Magnetic susceptibilities of rocks of the Antarctic Peninsula: Implications for the redox state of the batholith and the extent of metamorphic zones. *Tectonophysics*, Recent advances in Antarctic geomagnetism and lithosphere studies, **585**, 48–67.
- J. Galindo-Zaldívar, A. Ruiz-Constán, A. Pedrera, M. Ghidella, M. Montes, F. Nozal and L.R. Rodríguez-Fernandez (2013). Magnetic anomalies in Bahia Esperanza: A window of magmatic arc intrusions and glacier erosion over the northeastern Antarctic Peninsula. *Tectonophysics*, Recent advances in Antarctic geomagnetism and lithosphere studies, **585**, 68–76.
- T. Yegorova and V. Bakhmutov (2013). Crustal structure of the Antarctic Peninsula sector of the Gondwana margin around Anvers Island from geophysical data. *Tectonophysics*, Recent advances in Antarctic geomagnetism and lithosphere studies, **585**, 77–89.

- Ghidella, M. E., Zambrano, O. M., Ferraccioli, F., Lirio, J. M., Zakrajsek, A. F., Ferris, J., & Jordan, T. A. (2013). Analysis of James Ross Island volcanic complex and sedimentary basin based on high-resolution aeromagnetic data. *Tectonophysics, Recent advances in Antarctic geomagnetism and lithosphere studies*, 585, 90-101.
- M. Catalán, J. Galindo-Zaldivar, J.M. Davila, Y.M. Martos, A. Maldonado, L. Gambôa and A.A. Schreider (2013). Initial stages of oceanic spreading in the Bransfield Rift from magnetic and gravity data analysis. *Tectonophysics, Recent advances in Antarctic geomagnetism and lithosphere studies*, 585, 102–112.
- K. Gohl, A. Denk, G. Eagles and F. Wobbe (2013) Deciphering tectonic phases of the Amundsen Sea Embayment shelf, West Antarctica, from a magnetic anomaly grid, *Tectonophysics, Recent advances in Antarctic geomagnetism and lithosphere studies*, 585, 113-123.
- Behrendt, J. C. (2013) The aeromagnetic method as a tool to identify Cenozoic magmatism in the West Antarctic Rift System beneath the West Antarctic Ice Sheet — A review; Thiel subglacial volcano as possible source of the ash layer in the WAISCOPE, *Tectonophysics, Recent advances in Antarctic geomagnetism and lithosphere studies*, 585, 124-136.
- Jordan, T. A., Ferraccioli, F., Ross, N., Corr, H. F., Leat, P. T., Bingham, R. G., & Siegert, M. J. (2013). Inland extent of the Weddell Sea Rift imaged by new aerogeophysical data. *Tectonophysics, Recent advances in Antarctic geomagnetism and lithosphere studies*, 585, 137-160.
- Riedel, S., Jacobs, J., and Jokat, W., 2013, Interpretation of new regional aeromagnetic data over Dronning Maud Land (East Antarctica), *Tectonophysics, Recent advances in Antarctic geomagnetism and lithosphere studies*, 585, 161-171. Doi:10.1016/j.tecto.2012.10.011
- Golynsky, A.V., Ivanov, S.V., Kazankov, A.Ju., Jokat, W., Masolov, V.N., von Frese, R.R.B. and the ADMAP Working Group (2013). New continental margin magnetic anomalies of East Antarctica. *Tectonophysics, Recent advances in Antarctic geomagnetism and lithosphere studies*, Vol. 585. 172–184, doi:10.1016/j.tecto.2012.06.043
- von Frese, R.R.B, Kim, H.R., Leftwich, T.E. , Kim, J.W. and Golynsky, A.V. (2013). Satellite magnetic anomalies of the Wilkes Land impact basin inferred from regional gravity and terrain data. *Tectonophysics, Recent advances in Antarctic geomagnetism and lithosphere studies*, 585, 185–195. doi:10.1016/j.tecto.2012.09.009
- T.A. Jordan, F. Ferraccioli, E. Armadillo and E. Bozzo (2013). Crustal architecture of the Wilkes Subglacial Basin in East Antarctica, as revealed from airborne gravity data. *Tectonophysics, Recent advances in Antarctic geomagnetism and lithosphere studies*, 585, 196–206.
- Osanai, Y., Nogi, Y., Baba, S., Nakano, N., Adachi, T., Hokada, T., Toyoshima, T., Owada, M., Satish-Kumar, M., Kamei, A. & Kitano, I. (2013). Geologic evolution of the Sør Rondane Mountains, East Antarctica: Collision tectonics proposed based on metamorphic processes and magnetic anomalies. *Precambrian Research*, 234, 8-29.
- YANG, Y., DENG, X. G., & REN, J. B. (2013). Characteristic of gravity and magnetic and regional tectonics of Antarctica and its adjacent sea. *Progress in Geophysics*, 2, 057.
- Nogi, Y., Jokat, W., Kitada, K., & Steinhage, D. (2013). Geological structures inferred from airborne geophysical surveys around Lützow-Holm Bay, East Antarctica. *Precambrian Research*, 234, 279-287
- 2012**
- Bingham, R.G., Ferraccioli, F., King, E.C., Larter, R.D., Pritchard, H.D., Smith, A.M. & Vaughan, D.G., 2012. Inland thinning of West Antarctic Ice Sheet steered along subglacial rifts. *Nature*, 487, 468-471. DOI: [10.1038/nature11292](https://doi.org/10.1038/nature11292).
- Golynsky, D.A., Golynsky, A.V. (2012). East Antarctic Rift Systems - key to understanding of Gondwana break-up. Regional geology and metallogeny. St.-Petersburg, VSEGEI, (In Russian), №52, 58-72.
- Leinweber, V.T., and Jokat, W., 2012, The Jurassic history of the Africa-Antarctica corridor – new constraints from magnetic data on the conjugate continental margins, *Tectonophysics*, 530-531, 87-101. Doi:10.1016/j.tecto.2011.11.008

Riedel, S., Jokat, W., and Steinhage, D., 2012, Mapping tectonic provinces with airborne gravity and radar data in Dronning Maud Land, East Antarctica, *Geophys. J. Int.*, 189, 414-427.
Doi:10.1111/j.1365-246X.2012.05363.x

2011

LÄUFER, A.L., DAMASKE, D. & LISKER, F. (2011): Neogene tectonics in the Edisto and Tucker Inlet region and its correlation with offshore magnetic anomalies north of Cape Adare, northern Victoria Land, Antarctica. – *Polarforschung*, **80**, (2), 111-126.

FERRACCIOLI, F., FINN, C.A., JORDAN, T.A., BELL, R.E., ANDERSON, L.M. & DAMASKE, D. (2011): East Antarctic rifting triggers uplift of the Gamburtsev Mountains. – *Nature*, 479, 388-392, doi:10.1038/nature10566.

Golynsky, D.A., Golynsky, A.V., Damaske, D., Kiselev, A.V., Masolov, V.N. 2011. Magnetic anomalies of the southern Prince Charles Mountains. Russian Earth Science Research in Antarctica. Collection of papers. Vol. 3. St.-Petersburg, «I.S. Gramberg VNIIOkeangeologia», (In Russian) 165-187.

Golynsky, A.V., Golynsky, D.A., Damaske, D., Jokat, W., Masolov, V.N. 2011. Magnetic anomaly field of the central part of Dronning Maud Land, zoning and geologic interpretation. Russian Earth Science Research in Antarctica. Collection of papers. Vol. 3. St.-Petersburg, «I.S. Gramberg VNIIOkeangeologia», (In Russian) 188-208.

2010

Jokat, W., Nogi, Y., and Leinweber, V., 2010, New aeromagnetic data from the western Enderby Basin and consequences for Antarctic-India breakup, *Geophys. Res. Letts.*, 37, L21311, doi:10.1029/2010GL045117.

Leitchenkov, G.L., Guseva, Ju.B., Gandyukhin, V.V., Gohl, K., Ivanov, S.V., Golynsky, A.V., Kazankov, A.Ju. 2010. Crustal tectonics and depositional history in the Southern Indian Ocean (East Antarctica: Cooperation Sea, Davis Sea, Kerguelen Plateau). In: Leonov, Ju.G. (Ed.), *Structure and Evolution of the Lithosphere*, Moscow, Paulsen, 9-38, (In Russian). ISBN: 978-5-98797-043-0

Leitchenkov, G.L., Gandyukhin, V.V., Guseva, Ju.B., Gohl, K., Golynsky, A.V., Kazankov, A.Ju. 2010. Early history of the Indian Ocean opening (IPY-2007/08 project). Expeditionary investigations of the VNIIOkeangeologia in 2008-09. Saint-Petersburg, «I.S. Gramberg VNIIOkeangeologia», (In Russian) 36-49.

Jordan, T.A., **Ferraccioli, F.**, Vaughan, D.G., Holt, J.W., Corr, H., Blankenship, D.D., Diehl, T.M., 2010. Aerogravity evidence for major crustal thinning under the Pine Island Glacier region (West Antarctica), *Geological Society of America Bulletin*, 122, 714-726, doi: 10.1130/B26417.1.

2009

Ferraccioli, F., Armadillo, E., Jordan, T.A., Bozzo, E., Corr, H., 2009. Aeromagnetic exploration over the East Antarctic Ice Sheet: a new view of the Wilkes Subglacial Basin, *Tectonophysics*, 478, 62–77, doi:10.1016/j.tecto.2009.03.013.

Ferraccioli, F., Armadillo, E., Zunino, A., Bozzo, E., Rocchi, S., Armienti, P., 2009. Magmatic and tectonic patterns over the Northern Victoria Land sector of the Transantarctic Mountains from new aeromagnetic imaging. *Tectonophysics*, 478, 43–61, doi:10.1016/j.tecto.2008.11.028.

Jordan, T.A., Ferraccioli, F., Jones, P.C., Smellie, J.L., Ghidella, M.E., Corr, H., 2009. Airborne gravity reveals interior of Antarctic volcano. *Physics of the Earth and Planetary Interiors* 175, 127-136, doi:10.1016/j.pepi.2009.1003.1004.

Eagles, G., Larter, R.D., Gohl, K., and Vaughan, A.P.M., 2009, West Antarctic rift system in the Antarctic Peninsula, *Geophys. Res. Letts.*, 36, L21305. Doi:10.1029/2009GL040721

McLEAN, M.A., WILSON, C.J.L., BOGER, S.D., BETTS, P.G., RAWLING, T.J. & DAMASKE, D. (2009): Basement interpretations from airborne magnetic and gravity data over the Lambert Rift region of East Antarctica. - *J. Geophys. Res.*, **114**, B06101, doi:10.1029/2008JB005650.

Golynsky, D.A., Golynsky, A.V., Kurinin, R.G., Leitchenkov, G.L., Kiselev, A.V. 2009. Results of geophysical investigation of alkaline-ultramafic magmatism in the Beaver Lake region, East Antarctica. Russian Earth Science Research in Antarctica. Collection of papers. Vol. 2. St.

Petersburg, «I.S. Gramberg VNIIOkeangeologia», (In Russian) 110-131. SRef: 550.93.0015:552.332(99-11)

Maus, S., Barckhausen, U., Berkenbosch, H., Bournas, N., Brozena, J., Childers, V., Dostaler, F., Fairhead, J. D., Finn, C., von Frese, R. R. B., Gaina, C., Golynsky, S., Kucks, R., Luehr, H., Milligan, P., Mogren, S., Mueller, R. D., Olesen, O., Pilkington, M., Saltus, R., Schreckenberger, B., Thebault, E., Tontini, F. Tontini C., 2009. EMAG2: A 2–arc min resolution Earth Magnetic Anomaly Grid compiled from satellite, airborne, and marine magnetic measurements, *Geochem. Geophys. Geosyst.*, 10, Q08005, doi:10.1029/2009GC002471.

2008

Eagles, G., and König, M., A model of plate kinematics in Gondwana breakup, *Geophys. J. Int.*, 173, 703-717. Doi:10.1111/j.1365-246X.2008.03753.x

Leitchenkov, G., Guseva, J., Gandyukhin, V., Grikurov, G., Kristoffersen, Y., Sand, M., Golynsky, A., Aleshkova, N. 2008. Crustal structure and tectonic provinces of the Riiser-Larsen Sea area (East Antarctica): results of geophysical studies. *Mar. Geophys. Res.*, 29 (2), pp. 135-158, DOI 10.1007/s11001-008-9051-z.

Diehl, T.M., Holt, J.W., Blankenship, D. D., Young, D.A., Jordan, T.A., Ferraccioli, F. 2008. First airborne gravity results over the Thwaites Glacier catchment, West Antarctica. *Geochemistry, Geophysics, Geosystems*, 9 (4), Q04011. doi: [10.1029/2007GC001878](https://doi.org/10.1029/2007GC001878).

2007

Gaya-Piqué L.R., Ravat D., De Santis A., and Torta J.M., 2007, Improving the representation of time-varying core magnetic field of Antarctica, *Antarctic Science*.

von Frese, R.R.B., A.V. Golynsky, H.R. Kim, L. Gaya-Piqué, E. Thébault, M. Chiappini, M. Ghidella, A. Grunow, and the ADMAP Working Group, 2007, “The next generation Antarctic digital magnetic anomaly map,” in: Cooper, A.K., and C.R. Raymond (Eds.), *Proceedings of the 10th ISAES*, USGS Open-File Rept. 2007-1047, Short Research Paper 163, 5 pp.; doi: 10.3133/of2007.srp163.

Golynsky, A., D. Blankenship, M. Chiappini, D. Damaske, F. Ferraccioli, C. Finn, D. Golynsky, A. Goncharov, T. Ishihara, S. Ivanov, W. Jokat, H.R. Kim, M. König, V. Masolov, Y. Nogi, M. Sand, M. Studinger, R. von Frese, and the ADMAP Working Group, 2007, “New magnetic anomaly map of East Antarctica and surrounding regions,” in: Cooper, A.K., and C.R. Raymond (Eds.), *Proceedings of the 10th ISAES*, USGS Open-File Rept. 2007-1047, Short Research Paper 050, 4 pp.; doi: 10.3133/of2007.srp050.

Kim, J.W., J.S. Hwang, R.R.B. von Frese, H.R. Kim, and S.H. Lee, 2007, “Geomagnetic field modeling from satellite attitude control magnetometer measurements,” *J. Geophys. Res.*, 112, B05105, doi: 10.1029/2005JB004042.

Kim, H.R., R.R.B. von Frese, P.T. Taylor, A.V. Golynsky, L.R. Gaya-Piqué, and F. Ferraccioli, 2007, “Improved magnetic anomalies of the Antarctic lithosphere from satellite and near-surface data,” *Geophys. J. Int.*, doi: 10.1111/j.1365-246X.2007.03516.x.

Golynsky, A. V. 2007, Magnetic anomalies in East Antarctica and surrounding regions: a window on major tectonic provinces and their boundaries, in *Proceedings of the 10th ISAES*, edited by A. K. Cooper and C. R. Raymond et al., USGS Open-File Report 2007-1047, Short Research Paper 006, 4 p.; doi:10.3133/of2007-1047.srp006.

Ferraccioli, F., P. C. Jones, P. Leat, and T. A. Jordan, 2007, Airborne geophysics as a tool for geoscientific research in Antarctica: Some recent examples: in *Antarctica: A Keystone in a Changing World—Online Proceedings of the 10th ISAES*, edited by A.K. Cooper and C.R. Raymond et al., USGS Open-File Report 2007-1047, Short Research Paper 056, 4 p.; doi:10.3133/of2007-1047.srp056.

Ferraccioli, F., Jordan, T., Armadillo, E., Bozzo, E., Corr, H., Caneva, G.; Robinson, C.; Tabacco, I., 2007. Exploring under the East Antarctic Ice Sheet with new aerogeophysical surveys over the Wilkes Subglacial Basin, the Transantarctic Mountains and Dome C. In: Cooper, A.K.; Raymond, C.R., (eds.) *Antarctica: a keystone in a changing world. Online proceedings of the 10th Int. Symp. Antarctic Earth Sci.*, National Acad. Press, 4pp. (USGS OFR, 2007-1047).

Jordan, T.A., **Ferraccioli, F.**, Jones, P.D., Smellie, J.L., Ghidella, M., Corr, H., Zakrajsek, A.F., 2007. High-resolution airborne gravity imaging over James Ross Island (West Antarctica). In: Cooper, A.K.; Raymond, C.R.; ISAES Editorial Team, (eds.) *Antarctica: a keystone in a changing world*.

- Online proceedings of the 10th Int. Symp. Antarctic Earth Sci.*, Santa Barbara, California, Nat. Acad. Press, 4pp. (USGS OFR, 2007-1047).
- Leat, P.T., Curtis, M.L., Riley, T.R., **Ferraccioli, F.**, 2007. Jurassic magmatism in Dronning Maud Land: synthesis of results of the MAMOG project. In: Cooper, A.K.; Raymond, C.R., (eds.) *Antarctica: a keystone in a changing world. Online proceedings of the 10th Int. Symp. Antarctic Earth Sciences*, Santa Barbara, California. National Acad. Press, 4pp. (USGS OFR, 2007-1047).
- Ferraccioli, F., Jordan, T. A., Vaughan, D.G., Holt, J., James, M., Corr, H., Blankenship, D.D., Fairhead, J.D., Diehl, T.M., 2007. New aerogeophysical survey targets the extent of the West Antarctic Rift System over Ellsworth Land. In: Cooper, A.K.; Raymond, C.R., (eds.) *Antarctica: a keystone in a changing world. Online proceedings of the 10th Int. Symp. Antarctic Earth Sci.*, Santa Barbara. Nat. Acad. Press, 4pp. (USGS OFR, 2007-1047).
- Holt, J.W., Blankenship, D.D., Ferraccioli, F., Vaughan, D.G., 2007. New aeromagnetic results from the Thwaites Glacier catchment, West Antarctica. In: Cooper, A.K.; Raymond, C.R.; ISAES Editorial Team, (eds.) *Antarctica: a keystone in a changing world. Online proceedings of the 10th International Symposium on Antarctic Earth Sciences*, Santa Barbara, California. Nat. Acad. Press, 3pp. (USGS OFR, 2007-1047).
- Armadillo, E., F. Ferraccioli, A. Zunino, E. Bozzo, S. Rocchi, and P. Armienti , 2007, Aeromagnetic search for Cenozoic magmatism over the Admiralty Mountains Block (East Antarctica), in *Antarctica: A Keystone in a Changing World – Online Proceedings of the 10th ISAES*, edited by A.K. Cooper and C.R. Raymond et al., USGS Open-File Report 2007-1047, Short Research Paper 075, 4 p.; doi: 10.3133/of2007-1047.srp075.
- Armadillo, E., Ferraccioli, F., Zunino, A., Bozzo, E., 2007. Aeromagnetic anomaly patterns reveal buried faults along the eastern margin of the Wilkes Subglacial Basin (East Antarctica). In: Cooper, A.K.; Raymond, C.R., (eds.) *Antarctica: a keystone in a changing world. Online proceedings of the 10th Int. Symp. Antarctic Earth Sci.*, Santa Barbara, California, Nat. Acad. Press, 4pp. (USGS OFR, 2007-1047).
- Damaske, D., A.L. Läufer, F. Goldmann, H.-D. Möller, and F. Lisker, 2007, Magnetic anomalies north-east of Cape Adare, northern Victoria Land (Antarctica), and their relation to onshore structures, in *Proceedings of the 10th ISAES*, edited by A. K. Cooper and C. R. Raymond et al., USGS Open-File Report 2007-1047, Short Research Paper 016, 5 p.; doi: 10.3133/of2007-1047.srp016.
- Wilson, G., D. Damaske, H.-D. Möller, K. Tinto and T. Jordan, 2007, The geological evolution of southern McMurdo Sound — new evidence from a high-resolution aeromagnetic survey. *Geophys. J. Int.* (2007) 170, 93–100 doi: 10.1111/j.1365-246X.2007.03395.x.
- Ghidella, M. E., L. A. Lawver, and L. M. Gahagan (2007), Break-up of Gondwana and opening of the South Atlantic: review of existing plate tectonic models, in *Antarctica: A Keystone in a Changing World – Online Proceedings of the 10th ISAES*, edited by A. K. Cooper and C. R. Raymond et al., USGS Open-File Report 2007-1047, Short Research Paper 055, 5 p.; doi:10.3133/of2007-1047.srp055.
- Ferraccioli, F., Jordan T., Armadillo, E., Bozzo, E., Corr, H.F.J., Caneva, G., Robinson, C., Frearson, N. & Tabacco, I. 2007. Collaborative aerogeophysical campaign targets the Wilkes Subglacial Basin the Transantarctic Mountains and the Dome C region. *Terra Antarctica Reports*, No. 13, 1-36.
- Gaina, C, Müller, R.D., Brown, B., Ishihara, T. and Ivanov, S., 2007, Breakup and early seafloor spreading between India and Antarctica, *Antarctica, Geophysical Journal International*, doi: 10.1111/j.1365-246X.2007.03450.x, 1-19.
- 2006**
- Ferraccioli, F., Jones, P.C., Vaughan, A. P. M., Leat, P. T., 2006. New aerogeophysical view of the Antarctic Peninsula: More pieces, less puzzle. *Geophysical Research Letters*, 33, L05310, doi:10.1029/2005GL024636.
- Bamber, J.L., Ferraccioli, F., Joughin, I., Shepherd, T., Rippin, D.M., Siegert, M. J., Vaughan, D.G., 2006. East Antarctic ice stream tributary underlain by major sedimentary basin. *Geology* 34(1), 33-36; doi: 10.1130/G22160.1.
- Gaya-Piqué, L.R., A. De Santis, J.M. Torta, 2006, Use of Champ magnetic data to improve Antarctic Geomagnetic Reference Model, in: C. Reigber, H. Luehr, P. Schwintzer (Eds.), *Second CHAMP*

- Mission Results for Gravity, Magnetic and Atmospheric Studies, Springer-Verlag, Heidelberg.?????
- Golynsky, A., M. Chiappini, D. Damaske, F. Ferraccioli, C. Finn, M. Ghidella, T. Ishihara, H.R. Kim, L. Kovacs, V. Masolov, P. Morris, Y. Nogi, and R. von Frese, 2006, "ADMMap – A digital magnetic anomaly map of the Antarctic," in: Fütterer, D.K., D. Damaske, G. Kleinschmidt, H. Miller, and F. Tessensohn (Eds.), *Antarctica – Contributions to Global Earth Sciences*, Springer-Verlag, Heidelberg, pp. 109-116.
- Golynsky, A. V., Golynsky, D. A., Masolov, V. N. and Volnukhin, V. S., 2006, Magnetic anomalies of the Grove Mountains region and their geological significance, in: Fütterer D. K., Damaske D., Kleinschmidt G., Miller H., Tessensohn F. (eds) *Antarctica - Contributions to Global Earth Sciences*. Springer-Verlag, Berlin Heidelberg New York, 95-106.
- Golynsky, A. V., Masolov, V. N., and Volnukhin, V. S. and Golynsky, D. A., 2006, Crustal provinces of the Prince Charles Mountains region and surrounding areas in a light of aeromagnetic data, in: Fütterer D. K., Damaske D., Kleinschmidt G., Miller H., Tessensohn F. (eds) *Antarctica - Contributions to Global Earth Sciences*. Springer-Verlag, Berlin Heidelberg New York, 94-94.
- Golynsky, A. V., Volnukhin, V. S., Golynsky, D. A., Leonov, V. O., Kiselev, A. V. 2006, Magnetic anomaly field of Mac-Robertson Land and its possible geological origin (based on the aerogeophysical survey data of 49 RAE). In: G. L. Leitchenkov, A. A. Laiba (eds), *Russian Earth Science Research in Antarctica*, vol 1, St. Petersburg, (In Russian), 116-130.
- Finn, C. A., J. W. Goodge, D. Damaske, C. M. Fanning, 2006, Scouting craton's edge in paleo-Pacific Gondwana. in: Fütterer D. K., Damaske D., Kleinschmidt G., Miller H., Tessensohn F. (eds.), *Antarctica - Contributions to global earth sciences*, Springer-Verlag, Heidelberg, pp 165-173.
- König, M., and Jokat, W., 2006, The Mesozoic breakup of the Weddell Sea, *Journal of Geophysical Research*, 111, B12102, doi:10.1029/2005JB004035.
- Shepherd T., J. L. Bamber, F. Ferraccioli, 2006, Subglacial geology in Coats Land, East Antarctica, revealed by airborne magnetics and radar sounding. *Earth and Planetary Science Letters*, 244, 323–335.
- Meloni A., Gaya-Pique L.R., De Michelis P., De Santis A., 2006. Some Recent Characteristics of Geomagnetic Secular Variations in Antarctica. in: Fütterer D. K., Damaske D., Kleinschmidt G., Miller H., Tessensohn F. (eds.), *Antarctica - Contributions to global earth sciences*, Springer-Verlag, Heidelberg, pp 375-380.
- 2005**
- Gaya-Piqué L.R., De Santis A., and Torta J.M., 2005, Use of Champ Magnetic Data to Improve the Antarctic Geomagnetic Reference Model, in: C. Reigber, H. Lühr, P. Schwintzer, J. Wickert (Eds.), *Earth Observation with CHAMP Results from Three Years in Orbit*, Springer-Verlag, Heidelberg, pp. 317-322.
- Kim, H.R., R.R.B. von Frese, Golynsky, A.V., P.T. Taylor, and J.W. Kim, 2005, "Crustal magnetization of Maud Rise in Antarctic and Southwest Indian Oceans," *Earth, Planets, and Space*, v. 57, pp. 717-726.
- Kim, H.R., L.R. Gaya-Piqué, R.R.B. von Frese, P.T. Taylor, and J.W. Kim, 2005, CHAMP magnetic anomalies of the Antarctic crust, in: C. Reigber, H. Lühr, P. Schwintzer, J. Wickert (Eds.), *Earth Observation with CHAMP Results from Three Years in Orbit*, Springer-Verlag, Heidelberg, pp. 261-266.
- Taylor, P.T., K.I. Kis, R.R.B. von Frese, J.V. Korhonen, G. Wittmann, H.R. Kim, and L.V. Potts, 2005, Effect of varying crustal thickness on CHAMP geopotential data, in: C. Reigber, H. Lühr, P. Schwintzer, J. Wickert (Eds.), *Earth Observation with CHAMP Results from Three Years in Orbit*, Springer-Verlag, Heidelberg, pp. 279-286.
- von Frese, R.R.B., H.R. Kim, P.T. Taylor, and M.F. Asgharzadeh, 2005, Reliability of CHAMP anomaly continuations, in: C. Reigber, H. Lühr, P. Schwintzer, J. Wickert (Eds.), *Earth Observation with CHAMP Results from Three Years in Orbit*, Springer-Verlag, Heidelberg, pp. 287-292.
- Ferraccioli, F., P.C. Jones, M.L. Curtis, P.T. Leat, and T.R. Riley (2005a), Tectonic and magmatic patterns in the Jutulstraumen rift(?) region, East Antarctica, as imaged by high-resolution aeromagnetic data, *Earth Planets Space*, 57, 767-780.

Ferraccioli, F., P.C. Jones, M.L. Curtis and P.T. Leat, 2005b, Subglacial imprints of early Gondwana break-up as identified from high resolution aerogeophysical data over western Dronning Maud Land, East Antarctica. *Terra Nova*, 17, 573–579, doi: 10.1111/j.1365-3121.2005.00651.x.

Damaske D. & McLean M., 2005. An aerogeophysical survey south of the Prince Charles Mountains, East Antarctica. *Terra Antarctica*, 12(2), p. 87-98.

Damaske, D.; Marcinkowski, V. & Möller, H.-D. 2005, Aeromagnetic Survey in Central Dronning Maud Land, East Antarctica, during the 1995/1996 GeoMaud Expedition: Layout, Execution, and Data Processing. In: *Geologisches Jahrbuch, Reihe B*, 97, 53-83.

2004

Armadillo E., F. Ferraccioli, G. Tabellario, E. Bozzo, 2004. Electrical structure across a major ice-covered fault belt in Northern Victoria Land (East Antarctica), *Geophysical Research Letters*, 31, L10615, doi:10.1029/2004GL019903

Kim, H.R., R.R.B. von Frese, Golynsky, A.V., P.T. Taylor, and J.W. Kim, 2004, Applications of satellite magnetic observations for estimating near-surface magnetic anomalies, *Earth, Planets, and Space*, v. 52, pp. 955-966.

Kim, H.R., Gaya-Pique L.R., von Frese R.R.B., Taylor P.T., Kim J.W., 2004. CHAMP magnetic anomalies of the Antarctic Crust. In: *Earth Observation with CHAMP. Results from Three Years in Orbit*, Reigber C., Luhr H., Schwintzer P., Wickert J. eds., Springer-Verlag, Heidelberg, 287-292.

Gaya-Pique L.R., De Santis A., Torta J.M., 2004. Use of Champ Magnetic Data to Improve the Antarctic Geomagnetic Reference Model. In: *Earth Observation with CHAMP. Results from three years in orbit*, Reigber C., Luhr H., Schwintzer P., Wickert J. eds, Springer-Verlag, Heidelberg, 317-322.

Nogi, Y., Nishi, K., Seama, N. & Fukuda, Y. 2004. An interpretation of the seafloor spreading history of the West Enderby Basin between initial breakup of Gondwana and anomaly C34. *Marine Geophysical Researches*, 25, 221-231, DOI 10.1007/s11001-005-1317-0.

2003

Damaske, D., Ferraccioli F., & Bozzo E., 2003. Aeromagnetic anomaly investigations along the Antarctic coast between Yule Bay and Mertz Glacier. *Terra Antarctica* 10(3), pp. 85-96.

Damaske, D., Ferraccioli F., Bozzo E., Chiappini M., 2003. Images of aeromagnetic anomalies over Edward VII Peninsula, northwestern Marie Byrd Land, Antarctica, *Geol. Jahrbuch B95*, pp. 79-100.

Ferraccioli, F. and Bozzo E., 2003. Cenozoic strike-slip faulting from the eastern margin of the Wilkes Subglacial Basin to the western margin of the Ross Sea Rift: an aeromagnetic connection. In: *Intraplate Strike-Slip Deformation Belts* (Storti, F., Holdsworth R.E., & Salvini F., eds). Geological Society, London, Special Publications, 210, pp. 109-133.

Ferraccioli, F., Damaske D., Bozzo E. & Talarico F., 2003. The Matusevich aeromagnetic anomaly over Oates Land, East Antarctica. *Terra Antarctica* 10(3), pp. 221-228.

Kim, H.R., R.R.B. von Frese, P.T. Taylor, and J.W. Kim, 2003, CHAMP enhances utility of satellite magnetic observations to augment near-surface magnetic survey coverage, in: C. Reigber, H. Luehr, P. Schwintzer (Eds.), *First CHAMP Mission Results for Gravity, Magnetic and Atmospheric Studies*, Springer-Verlag, Heidelberg, pp. 296-301.

Talarico, F., Armadillo E., Ferraccioli F., & N. Rastelli, 2003. Magnetic petrology of the Ross Orogen in Oates Land (Antarctica). *Terra Antarctica* 10(3), pp. 197-220.

von Frese, R.R.B., 2003, Advances in crustal and subcrustal studies from new generation satellite geopotential field missions, in: P. Stauning, H. Lühr, P. Ultré-Guérard, J. LaBrecque, M. Purucker, F. Primdahl, J.L. Jørgensen, F. Christiansen, P. Høeg, and K.B. Lauritsen (eds), *ØIST-4 Proceedings (4th Ørsted International Science Team Conference)*, Narayana Press, Copenhagen, pp. 107-114.

von Frese, R.R.B., H.R. Kim, P.T. Taylor, and J.W. Kim, 2003, CHAMP, Ørsted, and Magsat magnetic anomalies of the Antarctic lithosphere, in: C. Reigber, H. Luehr, P. Schwintzer (Eds.), *First CHAMP Mission Results for Gravity, Magnetic and Atmospheric Studies*, Springer-Verlag, Heidelberg, pp. 309-314.

von Frese, R.R.B., L.V. Potts, H.R. Kim, C.K. Shum, P.T. Taylor, J.W. Kim, and S.C. Han, 2003, CHAMP gravity anomalies over Antarctica, in: C. Reigber, H. Luehr, P. Schwintzer (Eds.), *First*

- CHAMP Mission Results for Gravity, Magnetic and Atmospheric Studies, Springer-Verlag, Heidelberg, pp. 180-186.
- von Frese, R.R.B., and H.R. Kim, 2003, "Satellite magnetic anomalies for lithospheric exploration," in: P. Stauning, H. Lühr, P. Ultré-Guéraud, J. LaBrecque, M. Purucker, F. Primdahl, J.L. Jørgensen, F. Christiansen, P. Høeg, and K.B. Lauritsen (Ed.s), ØIST-4 Proceedings (4th Ørsted International Science Team Conference), pp. 115-118, Narayana Press, Copenhagen.
- Kim, H.R., R.R.B. von Frese, P.T. Taylor, J.W. Kim, and C.H. Park, 2003, "Utility of satellite magnetic observations for estimating near-surface magnetic anomalies," in: P. Stauning, H. Lühr, P. Ultré-Guéraud, J. LaBrecque, M. Purucker, F. Primdahl, J.L. Jørgensen, F. Christiansen, P. Høeg, and K.B. Lauritsen (Ed.s), ØIST-4 Proceedings (4th Ørsted International Science Team Conference), pp. 83-86, Narayana Press, Copenhagen.
- Ferris, J.K., Storey, B.C., Vaughan, A.P.M., Kyle, P.R., Jones, P.C. 2003. The Dufek and Forrester Intrusions, Antarctica: A centre for Ferrar Large Igneous Province dike emplacement? *Geophysical Research Letters* 30 (6) 1348, doi:10.1029/2002GL016719.
- Damaske, D., Möller, E., Caneva, G., Colla, A., and Chiappini, M. 2003, An Aeromagnetic Survey in Northwestern Marie Byrd Land, Antarctica. - In: Estrada, S. (ed.): *Geology and Geophysics of Marie Byrd Land, Northern Victoria Land, and Oates Coast – GANOVEX VII*, Polar Issue No 8, Jb., B 95, 55-78. Hannover.
- 2002**
- Bozzo E., F. Ferraccioli, M. Gambetta, G. Caneva, M. Chiappini, and D. Damaske, 2002, Total magnetic anomaly map 1:250,000 over northern Victoria Land between central Rennick Glacier and Evans Névé (Antarctica), In: Gamble J.A., D.N.B. Skinner, S. Henrys (ed.s), *Antarctica at the close of a millenium. Proceedings of the 8th International Symposium on Antarctic Earth Sciences*, Royal Society of New Zealand Bulletin, v. 35, SIR Publishing, pp. 625-627.
- Bozzo E., G. Caneva, M. Chiappini, D. Damaske, F. Ferraccioli, and M. Gambetta, 2002, Total magnetic anomaly map of northern Victoria Land between central Rennick Glacier and Evans Névé, In: E. Bozzo and D. Damaske (ed.s), *Antarctic Geomagnetic 1:250,000 map series*, Museo Nazionale dell'Antartide-Sez. di Scienze della Terra, Siena, Italy, Ministero dell'Università e della Ricerca Scientifica e Tecnologica- Programma Nazionale delle Ricerche in Antartide.
- Bozzo, E., Ferraccioli, F., Spano, M., Chiappini, M., Damaske, D., Behrendt, J., 2002, Recent progress towards the compilation of an integrated magnetic anomaly map of the Ross Sea sector of Antarctica, In: Gamble J.A., D.N.B. Skinner, S. Henrys (ed.s), *Antarctica at the close of a millenium. Proceedings of the 8th International Symposium on Antarctic Earth Sciences*, Royal Society of New Zealand Bulletin, v. 35, SIR publishing, pp. 629-634.
- Chiappini, M., F. Ferraccioli, E.Bozzo, and D. Damaske, 2002, Regional compilation and analysis of aeromagnetic anomalies for the Transantarctic Mountains-Ross Sea sector of the Antarctic, *Tectonophysics*, v. 347, pp. 121-138.
- Damaske D., E. Bozzo, G. Caneva, M. Chiappini, A. Colla, F. Ferraccioli, A. Meloni, and H.D. Möller, 2002, Total field magnetic anomaly map 1: 250,000 of Marie Byrd Land (Edward VII Peninsula/Sulzberger Bay area) Antarctica, In: Gamble J.A., D.N.B. Skinner, S. Henrys (ed.s), *Antarctica at the close of a millenium. Proceedings of the 8th International Symposium on Antarctic Earth Sciences*, Royal Society of New Zealand Bulletin, v. 35, SIR Publishing, pp. 635-637.
- De Santis A., Torta J.M., Gaya-Piqué L.R., 2002, The First Antarctic Geomagnetic Reference Model (ARM), *Geophysical Research Letters*, v. 29(#8), 1192, doi: 10.1029/2002GL014675.
- Ferraccioli, F., Bozzo E., and G. Capponi, 2002, Aeromagnetic and gravity anomaly constraints for an early Paleozoic subduction system of Victoria Land, Antarctica. *Geophys. Res. Lett.*, v. 29, 10.1029/2001GL014138.
- Ferraccioli F., E. Bozzo, and D. Damaske, 2002, Magnetic anomalies over the King Edward VII Peninsula crustal blocks, Marie Byrd Land (West Antarctica), In: Gamble J.A., D.N.B. Skinner, S. Henrys (ed.s), *Antarctica at the close of a millenium. Proceedings of the 8th International Symposium on Antarctic Earth Sciences*, Royal Society of New Zealand Bulletin, v. 35, SIR Publishing, pp. 533-538.

- Ferraccioli, F., R., E. Bozzo, and D. Damaske, 2002, Aeromagnetic signatures over western Marie Byrd Land provide insight into magmatic arc basement, mafic magmatism and structure of the Eastern Ross Sea Rift flank, *Tectonophysics*, v. 347, pp. 139-165.
- Ferris, J.K., A.P.M. Vaughan, and E.C. King, 2002, A window on West Antarctic crustal boundaries: The junction between the Antarctic Peninsula, the Filchner Block, and Weddell Sea oceanic lithosphere, *Tectonophysics*, v. 347, pp. 13-24.
- Ghidella, M.E., G. Yáñez, and J.L. LaBrecque, 2002, Revised tectonic implications for the magnetic anomalies of the western Weddell Sea, *Tectonophysics*, v. 347, pp. 65-86.
- Golynsky, A.V., P. Morris, L.C. Kovacs, and J.K. Ferris, 2002, A new magnetic map of the Weddell Sea and the Antarctic Peninsula, *Tectonophysics*, v. 347, pp. 3-12. 78.
- Golynsky, A.V., S.V. Alyavdin, V.N. Masolov, A.S. Tscherinov, and V.S. Volnukhin, 2002, The composite magnetic anomaly map of the East Antarctic, *Tectonophysics*, v. 347, pp. 109-120.
- Jones, P., A. Johnson, R.R.B. von Frese, and H. Corr, 2002, Detecting rift basins in the Evans Ice Stream region of West Antarctica using airborne gravity, *Tectonophysics*, v. 347, pp. 25-41.
- Kim, H.R., R.R.B. von Frese, J.W. Kim, P.T. Taylor, M.E. Purucker, and T. Neubert, 2002, Ørsted verifies regional magnetic anomalies of the Antarctic lithosphere, *Geophys. Res. Lett.*, v. 29(#15), pp. ORS 3-1 to 3-3.
- Kletetschka, G., P.J. Wasilewski, and P.T. Taylor, 2002, The role of hematite-ilmenite solid solution in the production of magnetic anomalies in ground- and satellite-based data, *Tectonophysics*, v. 347, pp. 167-178.
- Kovacs, L.C., P. Morris, J. Brozena, and A. Tikku, 2002, Seafloor spreading in the Weddell Sea from magnetic and gravity data, *Tectonophysics*, v. 347, pp. 43-64.
- Tikku, A.A., K.M. Marks, and L.C. Kovacs, 2002, An Early Cretaceous extinct spreading center in the northern Natal valley, *Tectonophysics*, v. 347, pp. 87-108.
- Torta, J., A. DeSantis, M. Chiappini, and R.R.B. von Frese, 2002, A model of the secular variation of the geomagnetic field of Antarctica, *Tectonophysics*, v. 247, pp. 179-187.
- von Frese, R.R.B., P.T. Taylor, and M. Chiappini (ed.s), 2002, *Magnetic Anomalies of the Antarctic*, *Tectonophysics*, v. 247, pp. 1-187.
- Behrendt, J.C., Damaske, D., Finn, C.A., Kyle, P.R., Wilson, T. 2002. Draped aeromagnetic survey in the Transantarctic Mountains over the area of the Butcher Ridge Igneous Complex shows greater extent of thick underlying cumulate body. *J. Geophys. Res.* 107 (B8), 2160, doi:10.1029/2001JB000376.
- Damaske D., Paech H-J., Marcinkowski V., Choi S. Geological nature of the aeromagnetic anomalies in the Grubegebirge area, central Dronning Maud Land, East Antarctica. In: Gamble J. A., Skinner D. N. B., Henrys S. (eds, *Antarctica at the close of a millennium*. The Royal Society of New Zealand Bulletin 35, 2002, pp. 525 531.
- 2001**
- Golynsky, A., M. Chiappini, D. Damaske, F. Ferraccioli, J. Ferris, C. Finn, M. Ghidella, T. Ishihara, A. Johnson, H.R. Kim, L. Kovacs, J. LaBrecque, V. Masolov, Y. Nogi, M. Purucker, P. Taylor, and M. Torta, 2001, "ADMAP – Magnetic Anomaly Map of the Antarctic," 1:10 000 000 scale map, in Morris, P., and R. von Frese, eds., *BAS (Misc.) 10*, Cambridge, British Antarctic Survey.
- Neubert, T., M. Manda, G. Hulot, R. von Frese, F. Primdahl, J.L. Jørgensen, E. Friis-Christensen, P. Stauning, N. Olsen, and T. Risbo, 2001, "Ørsted satellite captures high-precision geomagnetic field data," *EOS (Am. Geophys. Union Trans.)*, v. 82, pp. 81 and 86-88.
- Golynsky A. and J. Jacobs, 2001. Grenville-Age versus Pan-African Magnetic Anomaly imprints in Western Dronning Maud Land, East Antarctica. *The Journal of Geology*, vol. 109, 136-142.
- Ferraccioli, F., F. Coren, E. Bozzo, C. Zanolla, S. Gandolfi, I. Tabacco, M. Frezzotti, Rifted(?) crust at the East Antarctic Craton margin: gravity and magnetic interpretation along a traverse across the Wilkes Subglacial Basin region. *Earth and Planetary Science Letters*, 192, 407-421.
- Joshima M., Ishihara T., Nakajima T., Nakajima T., Sugiyama K., Tsushuda K., Kato A., Murakami F., Brown B. 2001. Preliminary results of the TH99 geological and geophysical survey in the Cooperation Sea and Prydz Bay area. *Polar Geosci.* No 14, pp. 244 - 262.

2000

- Golynsky, A. V., Grikurov, G. E. and Kamenev, E. N. 2000. Geologic Significance of Regional Magnetic Anomalies in Coats Land and Western Dronning Maud Land. *Polarforschung*, 67, 91-99.
- Golynsky, A. V. and Aleshkova, N. D. 2000. Regional Magnetic Anomalies of the Weddell Sea Region and their Geological Significance. *Polarforschung*, 67, 101-117.
- Golynsky, A. V. and Aleshkova, N. D. 2000. New Aspects of Crustal Structure in the Weddell Sea Region from Aeromagnetic Studies. *Polarforschung*, 67, 133-141.
- Golynsky, A. V., Masolov, V. N. and Jokat, W. 2000. Magnetic Anomaly Map of the Weddell Sea Region: a New Compilation of the Russian Data. *Polarforschung*, 67, 125-132.
- Murakami F., Ishihara T. 2000. Preliminary report on geological and geophysical survey results in the Princess Elizabeth Trough and its vicinity by R/V Hakurei-maru, Tokyo, *Polar Geoscience*, No 13, pp. 165-186.
- Ferraccioli F., Armadillo, E., Bozzo, E., Privitera, E., 2000. Magnetics and gravity image tectonic framework of the Mt Melbourne volcano area (Antarctica), *Physics and Chemistry of the Earth*, 25(4), 387-393.
- Ferraccioli F., Damaske, D., Bozzo, E., Spano, M., Chiappini, M., 2000. Magnetic anomaly patterns over crustal blocks of the King Edward VII Peninsula, Marie Byrd Land, West Antarctica, *Annali di Geofisica*, 43(2), 229-241.
- Armadillo E., Ferraccioli F., Bozzo E., Caneva G., Caneva A., 2000. Assessment of deep electrical conductivity features of northern Victoria Land (Antarctica) under other geophysical constraints, *Annali di Geofisica*, 43(2), 279-288

1999

- DeSantis, A., M. Chiappini, J.M. Torta, and R.R.B. von Frese, 1999, "Development of an improved geomagnetic reference field of Antarctica," *Annali di Geofisica*, v. 42, pp. 265-270.
- Purucker, M.E., R.R.B. von Frese, and P.T. Taylor, 1999, "Mapping and interpretation of satellite magnetic anomalies from POGO data over the Antarctic region," *Annali di Geofisica*, v. 42, pp. 215-227.
- von Frese, R.R.B., H.R. Kim, L.Tan, J.W. Kim, P.T.Taylor, M.E. Purucker, D.E. Alsdorf, and C.A. Raymond, 1999, "Satellite magnetic anomalies of the Antarctic crust," *Annali di Geofisica*, v. 42, pp. 309-326.
- von Frese, R.R.B., D.R. Roman, J.-H. Kim, J.W. Kim, and A.J. Anderson, 1999, "Satellite mapping of the Antarctic gravity field," *Annali di Geofisica*, v. 42, pp. 293-307.
- Chiappini, M., and R.R.B. von Frese (ed.s), 1999, "Advances in Antarctic Geomagnetism," *Annali di Geofisica*, v. 42, pp. 141-351.
- Ferraccioli, F. & Bozzo, E. 1999, Inherited crustal features and tectonic blocks of Transantarctic Mountains An aeromagnetic perspective (Victoria Land Antarctica). *Journal Geophysical Research* 104, No B11, Nov. 10, 25297-25319.
- Damaske, D. 1999. Merging aeromagnetic data collected at different levels the GEOMOD survey. *Annali Di Geofisica*, vol. 42, N. 2, 153-159.
- Ishihara, T., Leitchenkov, G. L., Golynsky, A. V., Alyavdin, S. and O'Brien, P. E., 1999. Compilation of shipborne magnetic and gravity data images crustal structure of Prydz Bay (East Antarctica). *Annali di Geofisica*, Vol. 42, N. 2, 229-248.
- Golynsky, A. V. and Masolov, V. N. 1999. Interpretation of ground and aeromagnetic surveys of Palmer Land, Antarctic Peninsula. *Annali di Geofisica*, Vol. 42, N. 2, 333-351.
- Bozzo, E., Ferraccioli, F., Gambetta, M., Caneva, G., Spano, M., Chiappini, M., Damaske, D. 1999. Recent progress in magnetic anomaly mapping over Victoria Land (Antarctica) and the GITARA 5 survey. *Antarctic Science* 11 (2), 209-216.
- Johnson, A. C. 1999, Interpretation of new aeromagnetic anomaly data from the central Antarctic Peninsula, *J. Geophys. Res.*, 104(B3), pp.5031-5046.
- Finn, C., Moore, D., Damaske, D., and Mackey, T. (1999): Aeromagnetic legacy of early Paleozoic subduction along the Pacific margin of Gondwana. - *Geology*, 27, 1087-1090.

- Nogi, Y. and Kaminuma, K. 1999. Measurements of vector magnetic anomalies on board the icebreaker Shirase and the magnetization of the ship. In: *Annali di Geofisica*, Vol. 42, N.2, 161-170.
- Johnson A.C., Cheeseman S. & Ferris J.K. 1999. Improved compilation of Antarctic Peninsula magnetic data by new interactive grid suturing and blending methods. In: *Annali di Geofisica*, 42, N.2, 249-259.
- Chiappini, M., Ferraccioli, F., Bozzo, E., Damaske, D., Behrendt, J. C. 1999, First stage of INTRAMAP: INtegrated Transantarctic Mountains and Ross Sea Area Magnetic Anomaly Project (1999) In: *Annali di Geofisica*, Vol. 42, N.2, 277-292.
- Chiappini M., R.B. von Frese, J.C. Behrendt, R. Bell, E. Bozzo G. Brancolini, D. Damaske, A. De Santis, **F. Ferraccioli**, J. Ferris, C. Finn, M. E. Ghidella, A. Golynski, G.P. Gregori, A. Grunow, T. Ishihara, C. Jewell, A. Johnson, J. LaBreque, E. Lodolo, S. Mashenkov, A. Meloni, P. Morris, Y. Nogi, M. Purucker, P. Taylor, and M. Torta, 1999. Report of the II SCAR/IAGA Working Group on the Antarctic Digital Magnetic Anomaly Project (ADMAP II), *Publicazione n. 601 Istituto Nazionale di Geofisica*, 96 pp.
- 1998**
- Ferraccioli F., Gambetta, M, Bozzo, E., 1998. Microlevelling procedures applied to regional aeromagnetic data: an example from the Transantarctic Mountains (Antarctica), *Geophysical Prospecting*, 46, 177-196
- Chiappini, M., R.R.B. von Frese and ADMAP Working Group, 1998, "Development and geologic applications of the South Polar magnetic anomaly map," *EOS (Trans. Am. Geophys. Union)*, v. 79, p. 290.
- Kim, J.W., J-H Kim, R.R.B. von Frese, D.R. Roman, and K.C. Jezek, 1998, "Spectral attenuation of track-line noise," *Geophys. Res. Lett.*, v. 25, pp.187-190.
- Ferris, J., Johnson, A., Storey, B. 1998, Form and extent of the Dufek intrusion, Antarctica, from newly compiled aeromagnetic data. *Earth and Planetary Science Letters*, 154, 185-202.
- Neufeld, S.; Nowakowski, R.; Ferris, J. Johnson, A.; Storey, B., 1998, Form and extent of the Dufek intrusion, Antarctica, from newly compiled aeromagnetic data. *Earth and Planetary Science Letters*, Volume 154, N1, 185-202
- Thost, D. E., Leitchenkov, G. L., O'Brien, P. E., Tingey, R. J., Wellman, P. and Golynsky, A. V. 1998. *Geology of the Lambert Glacier – Prydz Bay region, East Antarctica*. AGSO, Canberra.
- 1997**
- Johnson, A., R.R.B. von Frese and ADMAP Working Group, 1997, "Magnetic map will define Antarctica's structure," *EOS (Trans. Am. Geophys. Union)*, v. 78, 185.
- Johnson, A.C., von Frese R.R.B., & ADMAP Working Group, Report of the SCAR/IAGA Working Group on the Antarctic Digital Magnetic Anomaly Map, British Antarctic Survey and National Science Foundation, *Report Progress in Antarctic Earth Science*.
- von Frese, R.R.B., J.W. Kim, L. Tan, D.E. Alsdorf, C.A. Raymond, and P.T. Taylor, 1997, "Satellite-measured magnetic anomaly fields of the Antarctic lithosphere," in Ricci, C.A., (ed.), "The Antarctic Region: Geophysical Evolution and Processes," *Terra Antarctica Publ.*, pp. 1105-1110.
- von Frese, R.R.B., M.B. Jones, J.W. Kim, and J.H. Kim, 1997, "Analysis of anomaly correlations," *Geophysics*, v. 62, pp. 342-351.
- Johnson, A. C., 1997. Cenozoic tectonic evolution of the Marguerite Bay area, Antarctic Peninsula, interpreted from geophysical data, *Antarctic Science*, 9 (3), 268-280.
- Bozzo, E., F. Ferraccioli, M. Gambetta, G. Caneva, D. Damaske, M. Chiappini, and A. Meloni, 1997b. Aeromagnetic regional setting and some crustal features of Central-Southern Victoria Land from the GITARA surveys, in: C. A. Ricci (ed.) *The Antarctic Region Geological Evolution and Processes*, *Terra Antarctica Publ.*, Siena, 591-596.
- Bozzo, E., G. Caneva, M. Chiappini, A. Colla, D. Damaske, F. Ferraccioli, M. Gambetta, D. Moeller and A. Meloni, 1997. Total magnetic anomaly map of Victoria Land (central-southern part), Antarctica, in: C. A. Ricci (ed.) *The Antarctic Region Geological Evolution and Processes*, *Terra Antarctica Publ.*, 1165-1166.

- Bozzo, E., Damaske, D., Caneva, G., Chiappini, M., Ferraccioli, F., Gambetta, M., & Meloni, A., 1997. A high resolution aeromagnetic survey over proposed drill sites offshore of Cape Roberts in the Southwestern Ross Sea (Antarctica), in: *The Antarctic Region: Geological Evolution and Processes*, edited by C.A Ricci, *Terra Antartica Publ.*, 1129-1133
- Bozzo, E., Ferraccioli, F., Gambetta, M., Caneva, G., Damaske, D., Chiappini, M., ACRUP Working Group, 1997. Aeromagnetic investigation in the area of the ACRUP seismic line, central-southern Victoria Land (Antarctica), in: *The Antarctic Region: Geological Evolution and Processes*, edited by C.A. Ricci, *Terra Antartica Publ.*, pp. 627-630.
- Bozzo E., Ferraccioli, F., Wilson, T., 1997. Structural framework of a high resolution aeromagnetic survey, southwestern Ross Sea (Antarctica), *Terra Antartica* 4(1), 51-56.
- Behrendt, J.C., Blankenship, D., Cooper, A.K., Damaske, D., Finn, C. & Bell, R. 1997, Geophysical evidence for Late Cenozoic Subglacial volcanism beneath the West Antarctic Ice Sheet and additional speculation as to its origin. - In: Ricci, C.A. (ed.): *The Antarctic Region: Geological Evolution and Processes*, 539-546, Siena.
- Tanahashi, M., Ishihara, T., Yuasa, M., Murakami, F. and Nishimura, A. 1997. Preliminary report of the TH95 geological and geophysical survey results in the Ross Sea and Dumont D'Urville Sea. In: *Proc. NIPR Symp. Antarct. Geosci.*, 10, 36-58.
- LaBrecque, J.L., M.E. Ghidella, 1997: Bathymetry, depth to magnetic basement, and sediment thickness estimates from aerogeophysical data over the Western Weddell Basin, *J. of Geoph. Res.* 102, No B4, pp. 7929-7946.
- Ghidella, M.E., LaBrecque, J.L., 1997: The Jurassic Conjugate Margins of the Weddell Sea: Considerations Based on Magnetic, Gravity and Paleobathymetry Data. In: *The Antarctic Region: Geological Evolution and Processes*, C.A. Ricci (editor), Terra Antartica Publication, Siena, Italia, pp. 441-451.
- 1996**
- von Frese, R.R.B., A.C. Johnson, and ADMAP Working Group, 1996, Report of the SCAR/IAGA Working Group on the Antarctic Digital Magnetic Anomaly Map," British Antarctic Survey Rept. & NSF Grant No. OPP-9527413 Rept., 26 pp.
- Behrendt, J.C., Saltus R, Damaske D, McCafferty A., Finn C., Blankenship D. & Bell R.E., 1996, Patterns of late Cenozoic volcanic and tectonic activity in the West Antarctic rift system revealed by aeromagnetic surveys. *Tectonics* 15 No. 2, 660-676.
- Johnson A. C. 1996. Arc evolution: a magnetic perspective from the Antarctic Peninsula. *Geological Magazine*, 133, 637-644.
- Damaske, D. 1996, The aeromagnetic programme of GANOVEX VI - layout, execution and data processing. - In: ROLAND, N.W. (ed.): *Polar Issue No. 6, GANOVEX: From Oates Coast to Marie Byrd Land.* - *Geol. Jb.*, B 89, 295-319, Hannover.
- Damaske, D. & Behrendt, J. (1996): *Explanatory Notes on the 1:250,000 Maps of the Anomalies of the Total Magnetic Field, Northwestern Ross Ice Shelf and McMurdo Sound, Antarctica.* - Aeromagnetic Survey During the Expedition GANOVEX VI 1990/91. - 4 maps, pp.10, BGR, Hannover.
- Golynsky, A. V., Masolov, V. N., Nogi, Y., Shibuya, K., Tarlowsky, C. & Wellman, P. 1996. Magnetic anomalies of Precambrian terranes of the East Antarctic Shield coastal region (20°E-50°E). In: *Proc. NIPR Symp. Antarct. Geosci.*, 9, NIPR, Tokyo 24-39.
- Nogi, Y., Seama, N., Isezaki, N. & Fukuda, Y. 1996. Magnetic anomaly lineations and fracture zones deduced from vector magnetic anomalies in the West Enderby Basin. In: Storey, B. C., King, E. C. and Livermore, R. A. (eds) *Weddell Sea Tectonics and Gondwana Break-up*, Geological Society Special Publication No. 108, 265-273.
- Ishihara, T., Tanahashi, M., Sato, M. and Okuda, Y. 1996. Preliminary report of geophysical and geological surveys of the west Wilkes Land margin. In: *Proc. NIPR Symp. Antarct. Geosci.*, 9, 91-108.
- Ferraccioli F., Gambetta, M., Bozzo, E., Damaske, D., Caneva, G., Chiappini, M., 1996. Contributo del rilievo aeromagnetico ad alta risoluzione al site survey del "Cape Roberts Drilling Project"

(Antartide). *Atti del 14° Convegno Nazionale del Gruppo Nazionale Geofisica Terra Solida*, 521-527.

Gambetta M., Ferraccioli, F., Bozzo, E., Damaske, D., Chiappini, M., Meloni, A., 1996. I rilievi aeromagnetici "GITARA" nella Terra Vittoria (Antartide): tecniche di elaborazione ed interpretazione. *Atti del 14° Convegno Nazionale del Gruppo Nazionale Geofisica Terra Solida*, 751-757.

1995

Behrendt, J.C., McCaffert, A.E., Damaske, D., Kyle, P.R., 1995. High amplitude aeromagnetic anomaly over the Butcher Ridge Igneous Complex, Antarctica. In "Contributions to Antarctic Research, Vol. 4", Antarctic Research Series, American Geophysical Union 1-7.

Johnson, A. C. and Swain, C. J. 1995, Further evidence of fracture-zone induced tectonic segmentation of the Antarctic Peninsula from detailed aeromagnetic anomalies. *Geophysical Research Letters*, vol. 22, No. 14, July 15, 1917-1920.

GRAPE-GNSS Research and Application for Polar Environment

2012

Deshpande, K. B., G. S. Bust, C. R. Clauer, H. Kim, J. E. Macon, T. E. Humphreys, J. A. Bhatti, S. B. Musko, G. Crowley, and A. T. Weatherwax (2012), Initial GPS scintillation results from CASES receiver at South Pole, Antarctica, *Radio Sci.*, 47, RS5009, doi:10.1029/2012RS005061.

Moro, J., Denardini, C.M., Abdu, M.A., Correia, E., Schuch, N.J., MAKITA, K. Correlation between the cosmic noise absorption calculated from the SARINET data and the energetic particles measured by MEPED: Simultaneous observations over SAMA region. *Advances in Space Research.* , v.51, p.1692 - 1700, 2012.

Moro, J., Denardini, C.M., Correia, E., Abdu, M.A., Schuch, N.J., MAKITA, K. A comparison of two different techniques for deriving the quiet day curve from SARINET riometer data. *Annales Geophysicae (Berlin).* , v.30, p.1159 - 1168, 2012.

Moro, J., C. M. Denardini, M. A. Abdu, E. Correia, N. J. Schuch, and K. Makita (2012), Latitudinal dependence of cosmic noise absorption in the ionosphere over the SAMA region during the September 2008 magnetic storm, *J. Geophys. Res.*, 117, A06311, doi:10.1029/2011JA017405.

Jayachandran, P. T., K. Hosokawa, K. Shiokawa, Y. Otsuka, C. J. Watson, S. C. Mushini, J. W. MacDougall, P. Prikryl, R. Chadwick, and T. D. Kelly (2012), GPS Total Electron Content Variations Associated with Poleward Moving Sun Aligned Arcs, *J. Geophys. Res.*, doi:10.1029/2011JA017423

Kinrade, J., C. N. Mitchell, P. Yin, N. Smith, M. J. Jarvis, D. J. Maxfield, M. C. Rose, G. S. Bust, and A. T. Weatherwax (2012), Ionospheric scintillation over Antarctica during the storm of 5–6 April 2010, *J. Geophys. Res.*, 117, A05304, doi:10.1029/2011JA017073.

Prikryl, P., P. T. Jayachandran, S. C. Mushini, and I. G. Richardson (2012), Toward the probabilistic forecasting of high-latitude GPS phase scintillation, *Space Weather*, 10, S08005, doi:10.1029/2012SW000800.

2013

De Franceschi Giorgiana and Candidi Maurizio, GRAPE, GNSS Research and Application for Polar Environment, Expert Group of SCAR. *Annals of Geophysics*, Special Issue, Vol. 56, No2 (2013), ISSN 2037-416X. <http://www.annalsofgeophysics.eu/index.php/annals/issue/view/488>.

Prikryl, P., Ghoddousi-Fard, R., Kunduri, B. S. R., Thomas, E. G., Coster, A. J., Jayachandran, P. T., Spanswick, E., and Danskin, D. W.: GPS phase scintillation and proxy index at high latitudes during a moderate geomagnetic storm, *Ann. Geophys.*, 31, 805-816, doi:10.5194/angeo-31-805-2013, 2013.

Prikryl, P., Y. Zhang, Y. Ebihara, R. Ghoddousi-Fard, P. T. Jayachandran, J. Kinrade, C. N. Mitchell, A. T. Weatherwax, G. Bust, P. J. Cilliers, L. Spogli, L. Alfonsi, G. De Franceschi, V. Romano, B. Ning, G. Li, M. J. Jarvis, D. W. Danskin, E. Spanswick, E. Donovan and M. Terkildsen, An interhemispheric comparison of GPS phase scintillation with auroral emission observed at South Pole and from DMSP satellite, *Special Issue of Annals of Geophysics*, 56, 2, 2013, R0216; doi:10.4401/ag-6227.

- Prikryl, P. V. Sreeja, M. Aquino, and P. T. Jayachandran, Probabilistic forecasting of ionospheric scintillation and GNSS receiver signal tracking performance at high latitudes, *Special Issue of Annals of Geophysics*, 56, 2, 2013, R0222; doi:10.4401/ag-6219.
- Sarti P., Negusini M., Tomasi C., Petkov B., Capra A. (2013). Thirteen years of integrated precipitable water derived by GPS at Mario Zucchelli Station, Antarctica. *Annals of Geophysics, Special Issue*, 56, 2, 2013. ISSN: 2037-416X. doi: 10.4401/ag-6228
- Correia, E., Paz, A. J., Gende, M.A. Characterization of GPS-TEC in Antarctica from 2004 to 2011. *Annals of Geophysics*. , v.56, p.R0217-1 - R0217-5, 2013.
- Fernandez, José Henrique, Correia, E. Electron precipitation events in the lower ionosphere and the geospace conditions. *Annals of Geophysics*. , v.56, p.R0218-1 - R0218-10, 2013.
- Spogli, L., Alfonsi, L., Cilliers, P., Correia, E., De Franceschi, G., Mitchell, C.N., Romano, V., Kinrade, J., Cabrera, M. A. GPS scintillations and TEC climatology in the southern low, middle and high 2 latitude regions. *Annals of Geophysics*. , v.56, p.R0220-1 - R0220-12, 2013.
- Correia, E., Raulin, J. P., Kaufmann, P., Bertoni, F. C., Quevedo, M.T. Inter-hemispheric analysis of daytime low ionosphere behavior from 2007 to 2011. *Journal of Atmospheric and Solar-Terrestrial Physics*. , v.92, p.51 - 58, 2013.
- Correia, E., Raulin, J. P., Kaufmann, P., Gavilán, H. R. Atmospheric changes observed in antarctica related to the sun-earth interactions. *Annual Activity Report - INCT-APA*. , v.3, p.20 - 25, 2013.
- Correia, E., Makhmutov, Vladimir S, Raulin, Jean Pierre, Makita, K. Mid- and low-latitude response of the lower ionosphere to solar proton events on January 2012. *IOP Conference Series. Earth and Environmental Science (Online)*. , v.409, p.1/012186 - 4, 2013.

2014

- Koustov, A. V., P. V. Ponomarenko, M. Ghezelbash, D. R. Themens, and P. T. Jayachandran (2014), Electron density and electric field over Resolute Bay and F region ionospheric echo detection with the Rankin Inlet and Inuvik SuperDARN radars, *Radio Sci.*, 49, doi:10.1002/2014RS005579.
- Prikryl P., Jayachandran P. T., Mushini S. C., Richardson I. G., High-latitude GPS phase scintillation and cycle slips during high speed solar wind streams and interplanetary coronal mass ejections: A superposed epoch analysis, *Earth, Planets and Space*, 66 :62, 2014.
- Raulin, Jean Pierre, Trotter, Gerard, Gimenez de Castro, C. G., Correia, E., Macotela, E. L. Nighttime Sensitivity of Ionospheric VLF Measurements to X-ray Bursts From a Remote Cosmic Source. *Journal of Geophysical Research: Space Physics*., 2014. DOI:10.1002/2013JA019670
- Ghezelbash, M., A. Koustov, D.R. Themens, and P.T. Jayachandran (2014). Seasonal and diurnal variations of PolarDARN F region echo occurrence in the polar cap and their causes, *J. Geophys. Res. Space Physics*, 119, 10,426–10,439, doi:10.1002/2014JA020726.
- Themens, D. R., P. T. Jayachandran, M. J. Nicolls, and J. W. MacDougall (2014), A top to bottom evaluation of IRI 2007 within the polar cap, *J. Geophys. Res. Space Physics*, 119, 6689–6703, doi:10.1002/2014JA020052.

2015

- Athieno, R., P.T. Jayachandran, D.R. Themens, and D.W. Danskin (2015), Comparison of observed and predicted MUF(3000)F2 in the Polar cap region , *Radio Sci.*, 50, 509–517. doi:10.1002/2015RS005725.
- Prikryl, P., Ghoddousi-Fard, R., Spogli, L., Mitchell, C. N., Li, G., Ning, B., Cilliers, P. J., Sreeja, V., Aquino, M., Terkildsen, M., Jayachandran, P. T., Jiao, Y., Morton, Y. T., Ruohoniemi, J. M., Thomas, E. G., Zhang, Y., Weatherwax, A. T., Alfonsi, L., De Franceschi, G., and Romano, V.: GPS phase scintillation at high latitudes during geomagnetic storms of 7–17 March 2012 – Part 2: Interhemispheric comparison, *Ann. Geophys.*, 33, 657-670, doi:10.5194/angeo-33-657-2015, 2015.
- Linty, N., Romero, R., DAVIS, F., & Alfonsi, L. (2015, May). Benefits of GNSS software receivers for ionospheric monitoring at high latitudes. In *Radio Science Conference (URSI AT-RASC), 2015 1st URSI Atlantic* (pp. 1-6). IEEE. doi: 10.1109/URSI-AT-RASC.2015.7303110
- Cilliers, P., Alfonsi, L., & Spogli, L. (2015, May). GNSS scintillation climatology at SANAE-IV, Antarctica: 2006 to 2014. In *Radio Science Conference (URSI AT-RASC), 2015 1st URSI Atlantic* (pp. 1-1). IEEE. doi: 10.1109/URSI-AT-RASC.2015.7303100

Terzo, O., Ruiu, P., Alfonsi, L., Romano, V., & Spogli, L. (2015, May). International cloud infrastructure for space weather data management: The DemoGRAPE challenge. In *Radio Science Conference (URSI AT-RASC), 2015 1st URSI Atlantic* (pp. 1-1). IEEE. doi: 10.1109/URSI-AT-RASC.2015.7303109

Themens, D. R., P. T. Jayachandran, and R. B. Langley (2015), The nature of GPS differential receiver bias variability: An examination in the polar cap region, *J. Geophys. Res. Space Physics*, 120, 8155–8175, doi:10.1002/2015JA021639

2016

Linty, N., DAVIS, F., Romero, R., Cristodaro, C., Alfonsi, L., Correia, E., "Monitoring Ionosphere Over Antarctica by Means of a GNSS Signal Acquisition System and a Software Radio Receiver," *Proceedings of the 2016 International Technical Meeting of The Institute of Navigation*, Monterey, California, January 2016, pp. 549-555.

Themens, D.R., and P.T. Jayachandran (2016), Solar Activity Variability in the IRI at high latitudes: Comparisons with GPS Total Electron Content, *J. Geophys. Res. Space Physics*, 121, 3793–3807, doi:10.1002/2016JA022664.

A. Favenza, N. Linty, F. Davis, "Exploiting Standardized Metadata For GNSS SDR Remote Processing: a Case Study.", *Proceedings of the 29th International Technical Meeting of The Satellite Division of the Institute of Navigation (ION GNSS+ 2016)*, Portland (Oregon), September 12-16, 2016, (in publication).

Linty N., Romero R., Cristodaro C., Davis F., Bavaro M., Curran J., Fortuny-Guasch J., Ward J., Lamprecht G., Riley P., Cilliers P., Correia E. and L. Alfonsi (2016), Ionospheric scintillation threats to GNSS in polar regions: the DemoGRAPE case study in Antarctica, ENC 2016 IEEE Xplore Database and Conference Proceedings (in publication).

Yamazaki, Y., M. J. Kosch, Y. Ogawa, and D. R. Themens (2016), High-latitude Ion Temperature Climatology during the International Polar Year 2007–2008, *Journal of Space Weather and Space Climate*. (Submitted March 4th, 2016)

Bergeot N., Chevalier J.-M., Bruyninx C., Denis G., Camelbeeck T., Van Dam T. and Francis O., Study of space weather impact on Antarctica ionosphere from GNSS data, BNCGG - BNCAR symposium, Brussels, Belgium, April 29, 2016 (Presentation).

Bruyninx C., Bergeot N., Van Dam T., Camelbeeck T., Francis O. and Tabibi S., High precision GNSS infrastructure around the Princess Elisabeth Base, BNCGG - BNCAR symposium, Brussels, Belgium, April 29, 2016 (Presentation)

Relevant HASSEG member publications (2010-2016)

Forthcoming:

Ahmad Firdaus, A.S., Rashidah, A.R., & Theam Foo, N. (In Press). Strengthening scientific literacy on Polar regions through education, outreach and communication (EOC). *International Journal of Environmental and Science Education*.

Ahmad Firdaus, Noor Azzah, S., A.S., Rashidah, A.R., & Theam Foo, N. (In Press). Malaysia's EOC strategy in strengthening the science knowledge, awareness and national interest towards the Polar regions. *International Journal of Environmental and Science Education*.

Brady, A.-M. (In Press, 2016). The past in the present: Antarctica in China's national narrative. In K. Dodds, A.D. Hemmings & P. Roberts *Handbook on the Politics of the Antarctic*. Cheltenham: Edward Elgar.

Dodds, K., Hemmings, A.D., & Roberts, P. (Eds.) (In Press, 2016). *Handbook on the politics of Antarctica*. Cheltenham: Edward Elgar.

Hemmings, A.D. (In Press, 2016). Antarctic politics in a transforming global geopolitics. In K. Dodds, A.D. Hemmings & P. Roberts (Eds.), *Handbook on the Politics of the Antarctic*. Cheltenham: Edward Elgar.

Hemmings, A.D., Dodds, K., & Roberts, P. (In Press, 2016). Introduction: the politics of Antarctica. In K. Dodds, A.D. Hemmings & P. Roberts (Eds.), *Handbook on the Politics of the Antarctic*. Cheltenham: Edward Elgar.

- Hemmings, A.D. (In Press, 2016). The hollowing of Antarctic governance. In P.S. Goel, R. Ravindra, & S. Chattopadhyay (Eds.), *The white world: Science and geopolitics of the Arctic-Antarctic-Himalaya*. New Delhi: Lights Foundation.
- Leane, E. (In Press). Antarctica in literature and the Popular Imagination. In M. Nuttall, T.R. Christensen & M. Siegert (Eds.), *Routledge handbook of the Polar regions*. London: Routledge.
- Leane, E. (In Press). Antarctic diaries and heroic reputations: Changing the subject In P. Roberts, L.-M. Van der Watt & A. Howkins, *Antarctica: A Continent for the Humanities* (pp. 27-51). London: Palgrave Macmillan.
- Leane, E. (In Press 2016). Fictionalizing Antarctica. In K. Dodds, A. D. Hemmings & P. Roberts (Eds.), *Handbook on the Politics of Antarctica*. Cheltenham: Edward Elgar.
- Leane, E. (In Press). Unstable places and generic spaces: Thrillers set in Antarctica. In L. Fletcher (Ed.), *Popular fiction and spatiality: Reading genre settings*. London: Palgrave Macmillan.
- Liggett, D. & Stewart, E. (In Press). Sailing in icy waters: Antarctic cruise tourism development, regulation and management. In C. Weeden & R. Dowling (Eds), *Cruise Ship Tourism* (2nd Edition). Wallingford: CABI.
- Liggett, D. & Stewart, E. (In Press 2016). The changing face of political engagement in Antarctic tourism. In K. Dodds, A.D. Hemmings & P. Roberts (Eds.), *Handbook on the Politics of the Antarctic*. Cheltenham: Edward Elgar.
- Mancilla, A. (In Press). Review of: *The Polar Regions. An Environmental History* by Adrian Howkins. *Polar Record*.
- O'Reilly, J. (Forthcoming). *The Technocratic Antarctic: an ethnography of scientific expertise and environmental governance*. Ithaca: Cornell University Press.
- Nielsen, Hanne. (In Press 2016). Selling the South: Marketing and Commercialisation of Antarctica". In K. Dodds, A.D. Hemmings & P. Roberts (Eds.), *Handbook on the Politics of the Antarctic*. Cheltenham: Edward Elgar.
- Salazar, J.F. (In Press 2016). Antarctica in digital culture: Politics of representation and visualization in art and science. In K. Dodds, A.D. Hemmings & P. Roberts (Eds.), *Handbook on the Politics of the Antarctic*. Cheltenham: Edward Elgar.
- Salazar J.F. (In Press, 2016). Polar worlds: Arctic and Antarctic visions. In S. Abram & A. Lund, *Tourism ecologies in the European High North: Green ice*. Palgrave Pivot.
- Salazar J.F. (In Press, 2016) Polar infrastructures. In L. Hjorth, H. Horst, A. Galloway & G. Bell (Eds.) *The Routledge Companion to Digital Ethnography*. Routledge.
- 2016:**
- Ahmad Firdaus, A.S., Rahidah, A.R., Norizan, M.N., & Kamarulazizi, I. (2016). Antarctic values and Malaysia's involvement in Antarctica: Perceptions among young citizens of Malaysia. *Polar Record*. doi:10.1017/S0032247415000790
- Atkin, A.J. (2016). From *Southern Cross* to *Aurora*: A brief history of advances in Antarctic terrestrial magnetic research, 1898-1914. The *Aurora Symposium 2014*, University of Adelaide and South Australian Museum at <http://www.samuseum.sa.gov.au/collections/humanities/australian-polar-collections/aurora-symposium-2014>
- Brady, A.-M. (2016). *China as a Polar Great Power*. Washington, DC and New York: Wilson Press and Cambridge University Press.
- De la Barre, S., Maher, P., Dawson, J., Hillmer-Pegram, K., Huijbens, E., Lamers, M., Liggett, D., Müller, D., Pashkevich, A., & Stewart, E. (2016) Tourism and Arctic observation systems: Exploring the relationships. *Polar Research* 35. <http://dx.doi.org/10.3402/polar.v35.24980>.
- Dodds, K. (2016). Fish and continental shelves: Maritime security, sovereignty, and stewardship in the Polar regions. *Brown Journal of World Affairs* 22, 239-260.
- Dodds, K., & Nuttall, M. (2016). Scramble for the poles? The contemporary geopolitics of the Arctic and Antarctic. Cambridge: Polity.
- Gilbert, N., & Hemmings, A.D. (2015). Antarctic Mythbusting. *Antarctic* 33(3), 29-31.

- Hemmings, A.D. (2016). Commercial harvest in Antarctica: Exploitation of Antarctic marine living resources. In D. Liggett, Y. Cook & B. Storey (Eds.) *Exploring the Last Continent: An Introduction to Antarctica* (pp. 413-428). New York: Springer.
- Hemmings, A.D. (2016). The Antarctic Treaty System (The Year in Review 2014). *New Zealand Yearbook of International Law* 12, 234-239.
- Leane, E. (2016). The novel in English in Antarctica to 1950. In R. Crane, J. Stafford & M. Williams (Eds.), *The History of the novel in English, Volume IX: The world novel to 1950* (pp. 201-226). Oxford: Oxford UP.
- Leane, E. (2016). *South Pole: Nature and culture*. London: Reaktion.
- Leane, E. (2016). Tasmania from below: Early Antarctic travellers' accounts of a 'southern gateway.' *Studies in Travel Writing* 20(1), 34-48.
- Leane, E., Winter, T., & Salazar, J.F. (2016). Caught between nationalism and internationalism: replicating histories of Antarctica in Hobart. *International Journal of Heritage Studies* 22(3), 214-227.
- Liggett, D. (2016). Destination icy wilderness: Tourism in Antarctica. In D.Liggett, B. Storey, Y. Cook & V. Meduna (Eds.), *Exploring the last continent: An introduction to Antarctica* (pp. 379-398). Dordrecht, Berlin, Heidelberg, New York: Springer. http://dx.doi.org/10.1007/978-3-319-18947-5_18.
- Liggett, D., Storey, B., Cook, Y., & Meduna, V. (Eds.) (2016). *Exploring the last continent: An introduction to Antarctica*. Dordrecht, Berlin, Heidelberg, New York: Springer. <http://dx.doi.org/10.1007/978-3-319-18947-5>.
- Liggett, D., Storey, B., & Cook, Y. (2016). Exploring the last continent: An introduction to Antarctica. In D.Liggett, B. Storey, Y. Cook & V. Meduna (Eds.), *Exploring the last continent: An introduction to Antarctica* (pp. 1-6). Dordrecht, Berlin, Heidelberg, New York: Springer. <http://dx.doi.org/10.1007/978-3-319-18947-5>.
- O'Reilly, J. (2016). Sensing the Ice: field science, models, and expert intimacy with knowledge. *Journal of the Royal Anthropological Institute* 22(1), 27-45.
- Philpott, C. (2016). Sonic explorations of the southernmost continent: four composers' responses to Antarctica and climate change in the twenty-first century. *Organised Sound* 21(1), 83-93.
- Philpott, C., & Leane, E. (2016). Making music on the march: Sledging songs of the 'Heroic Age'. *Polar Record*. <http://doi:10.1017/S0032247416000255>.
- Shibata, A. (2016) ICRW as an Evolving Instrument: Potential Broader Implications of the *Whaling Judgment*. *Japanese Yearbook of International Law* 58, 298-318.
- Student, J., Amelung, B., & Lamers, M. (2016). Towards a tipping point? Exploring the capacity to self-regulate Antarctic tourism using agent-based modelling. *Journal of Sustainable Tourism* 24(3), 412-429.
- 2015:**
- Brady, A.-M. (2015). The emerging politics of Antarctica: What it means for New Zealand. In P. Kennedy (Ed.), *The Arctic and Antarctica: Differing currents of change* (pp. 56-65). Wellington: NZIIA.
- Cordonnery, L., Hemmings, A.D., & Kriwoken, K. (2015). Nexus and imbroglio: CCAMLR, the Madrid Protocol and designating Antarctic Marine Protected Areas in the Southern Ocean. *International Journal of Marine and Coastal Law* 30(4), 727-764.
- Engelbertz, S., Liggett, D., & Steel, G. (2015). Values underlying the management of ship-borne tourism in the Antarctic Treaty Area. *The Polar Journal* 5(2), 334-360. <http://dx.doi.org/10.1080/2154896X.2015.1080492>.
- Dodds, K., & Hemmings, A.D. (2015). Polar oceans: Sovereignty and the contestation of territorial and resource rights. In H.D. Smith, J.L. Suarez de Vivero & T.S. Agardy (Ed.), *Handbook of ocean resources and management* (pp.576-591). Abingdon, Oxon: Routledge.
- Hemmings, A.D. (2015). Antarctic Treaty System. In J.-F. Morin & A. Orsini (Eds.), *Essential concepts of global environmental governance* (pp. 5-7). Abingdon: Routledge/Earthscan.

- Hemmings, A.D. (2015). Common challenge: International equity in the Arctic and Antarctic. In P. Kennedy (Ed.), *The Arctic and Antarctica: Differing currents of change* (pp. 66-72). Wellington: New Zealand Institute of International Affairs.
- Hemmings, A.D. (2015). The Antarctic Treaty System [The Year in Review – 2013]. *New Zealand Yearbook of International Law* 11, 270-277.
- Hemmings, A.D. (2015). Review of: Molenaar, Elferink and Rothwell, *The Law of the Sea and the Polar Regions*. *New Zealand Yearbook of International Law* 11 ([2013]): 338-340.
- Hemmings, A.D. and Gilbert, N. (2015). Responsibility for regulating human activity in Antarctica. *Antarctic* 33(2), 14-15.
- Hemmings, A.D., & Gilbert, N. (2015). Antarctica's unclaimed sector. *Antarctic* 33(4), 44-45.
- Hemmings, A.D., Salazar, J.F., Chaturvedi, S., Leane, E., & Liggett, D. (2015). Nationalism in today's Antarctic. *The Yearbook of Polar Law* 7, 531-555. http://dx.doi.org/10.1163/2211-6427_020
- Lamers, M., Eijgelaar, E., & Amelung, B. (2015). The environmental challenges of cruise tourism: Impacts and governance. In M. Hall & S. Gössling (Eds.), *The handbook of tourism and sustainability* (pp. 430-439). London: Routledge.
- Leane, E. (2015). The sound of Antarctic poetry and the poetry of Antarctic sound. In B. Hince, R. Summerson & A. Wiesel (Eds.), *Antarctica: Music, sounds, and cultural connections* (pp. 107-120). Canberra: ANU Press.
- Liggett, D. (2015). An erosion of confidence? The Antarctic Treaty System in the 21st century. In S.H. Ali & R. Pincus (Eds), *Diplomacy on ice: Energy, the environment and emergent cooperation in the Arctic and Antarctic* (pp. 61-71). New Haven, CT: Yale University Press. 10.12987/yale/9780300205169.001.0001.
- Liggett, D. (2015) Book Review: Understanding earth's polar challenges: International Polar Year 2007-2008 – summary by the IPY Joint Committee. *The Polar Journal* 5(1), 228-231.
- Liggett, D., & Stewart, E. (2015). Polar tourism (research) is not what it used to be: The maturing of a field of study alongside an activity. *The Polar Journal* 5(2), 247-256. doi:10.1080/2154896X.2015.1104802
- Mancilla, A. (2015, April 21). Punta Arenas, ¡ciudad antártica 2016! *El Mostrador*, available at <http://www.elmostrador.cl/noticias/opinion/2015/04/21/punta-arenas-ciudad-antartica-2016/>.
- Nielsen, H. (2015). Staging the south: two contemporary Antarctic plays. *The Polar Journal* 5(1), 203-217.
- Rack, U., & Atkin, A. (2015). SCAR open science conference 2014 –Report on the session 'Connecting the past-present/future: studies and methods in history for Antarctic research and science'. *Polar Record* 51(6), 692-693. <http://dx.doi.org/10.1017/S0032247414000941>
- O'Reilly, J. (2015). Glacial dramas: Typos, projections, and peer review in the Intergovernmental Panel on Climate Change. In J. Barnes and M. Dove (Eds), *Climate cultures: anthropological Perspectives on Climate Change* (pp. 107-26). Yale University Press.
- Salazar, J.F (2015). Digital storytelling Antarctica: Critical arts. *South-North Cultural and Media Studies* 29(5), 576-590.
- Salazar, J.F. (2015). Anticipating Antarctica in the 21st century: A view from the social sciences. *ILAIA: Advances in Chilean Antarctic Science* 2, 36-40.
- Shibata, A. (2015). Japan and 100 Years of Antarctic Legal Order. *Yearbook of Polar Law* 7, 1-54.
- Shibata, A. (2015). Domestic Implementation of the Antarctic Liability Annex in Japan (in Japanese). In Junichi Eto (Ed), *Aspects of International Law* (Shinzansha) (pp. 633-667).
- Steel, G. D. (2015). Polar, social, science: A reflection on the characteristics and benefits of the polar social sciences. *Polar Journal* 5(1), 1-7.
- Swanson, J., Liggett, D., & Roldan, G. (2015). Conceptualizing and enhancing the argument for port state control in the Antarctic gateway states. *The Polar Journal* 5(2), 361-385. <http://dx.doi.org/10.1080/2154896X.2015.1082785>.

2014:

- Brady, A.-M. (2014). China and Antarctica. Wilson Policy Brief, Wilson Centre, Smithsonian, Washington DC.
- Brady, A.-M. (2014). China's Undeclared Arctic Foreign Policy. Wilson Policy Brief, Wilson Centre, Smithsonian, Washington DC.
- Brady, A.-M. (2014). Polar politics and history. *The Polar Journal* 4(2), 247-252.
- Dawson, J., Johnston, M.E., & Stewart, E.J. (2014). Governance of Arctic expedition cruise ships in a time of rapid environmental and economic change. *Ocean & Coastal Management* 89, 88-99.
- Dodds, K., & Hemmings, A.D. (2014). Recent developments in relations between the United Kingdom and the Argentine Republic in South Atlantic/Antarctic region. *Polar Record* 50(2), 119-127. doi.org/10.1017/S0032247412000794
- Fern, S., Nash, K., & Leane, E. (2014). Encounters with Antarctic animals in ABC's *Catalyst*. In G. L. Burns & M. Paterson (Eds.), *Engaging with animals* (pp. 73-90). Sydney: Sydney University Press.
- Hemmings, A.D. (2014). The Antarctic Treaty System [The Year in Review - 2012]. *New Zealand Yearbook of International Law* 10, 237-243.
- Hemmings, A.D. (2014). The Changing Face of Non-State Actors in Antarctica. *Antarctic* 32 (3), 30-32.
- Hemmings, A.D. (2014). New Zealand in the Antarctic Treaty System. *Antarctic* 32(4), 47-48.
- Hemmings, A.D. (2014). Obituary: Professor Bernard P. Herber (1929-2014). *The Polar Journal* 4(2), 418-421.
- Hemmings, A.D. (2014). Rights, expectations and global equity: Re-justifying the Antarctic Treaty System for the 21st century. *Polar geopolitics? Knowledges, resources and legal regimes* (pp. 55-73). Cheltenham: Edward Elgar.
- Kennicutt, M.C. II, Chown, S.L., Casano, J., Liggett, D., Massom, R., Peck, L., Rintoul, S., Storey, J., Sutherland, W., Vaughn, D. & Wilson, T. (2014). Six priorities for Antarctic Science. *Nature* 512 (7 August), 23-25.
- Kennicutt, M.C. II, Chown, S.L., Casano, J., Liggett, D., Peck, L., Massom, R., Rintoul, S., Storey, J., Vaughn, D. & Wilson, T., et al. (2014). A roadmap for Antarctic and Southern Ocean science for the next two decades and beyond. *Antarctic Science* 16, 1-16.
- Leane, E. (2014). Icescape theatre: Staging the Antarctic. *Performance Research: A Journal of Performing Arts*, 18(6), 18-28.
- Leane, E., Philpott, C., & Nielsen, H. (2014). Scott at the opera: Interpreting *Das Opfer* (1937). *The Polar Journal* 4(2), 354-376.
- Leane, E., & Narraway, G. (2014). Things from another world: Dogs, aliens, and Antarctic cinema. In A. McLean (Ed), *Cinematic canines: Dogs and their work in the Fiction film* (pp. 181-195). New Jersey: Rutgers University Press.
- Nielsen, H. (2014). From shelter to showpiece: The evolution of Antarctic stations. COMNAP Report. Summer 2013/14 (https://www.comnap.aq/SiteAssets/SitePages/fellowships/From_Shelter_to_Showpiece_HNielsen_06252014.pdf).
- O'Reilly, J. (2014). The West Antarctic Ice Sheet in the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC): a key threat, a key uncertainty. *Proceedings of the XXXVII Antarctic Treaty Consultative Meetings*.
- Philpott, C., McIntyre, S., & Leane, E. (2014). Songs of the south: A song cycle for mezzo soprano and piano based on lyrics from the Heroic Age of Antarctic exploration. *International Journal of Contemporary Composition* 9, 1-43.
- Stewart, E., & Liggett, D. (2014). Polar tourism. In J. Jafari & I. Honggen (Eds.), *Encyclopedia of tourism*. Dordrecht, Berlin, Heidelberg, New York: Springer. http://dx.doi.org/10.1007/978-3-319-01669-6_291-1.

2013:

- Barnes, J., Dove, M., Lahsen, M., Mathews, A., McElwee, P., McIntosh, R., Moore, F., O'Reilly, J., Orlove, B., Puri, R., Weiss, H., & K. Yager (2013). Contribution of anthropology to the study of climate change. *Nature Climate Change* 3, 541-544.
- Bastmeijer, K., & Lamers, M. (2013). Strategic Antarctic tourism policy-making: Calibrating the human-nature relationship? In D. Mueller, L. Lundmark, & H. Lemelin (Eds.), *New issues in polar tourism: Communities, environments, politics* (pp. 67-86). Dordrecht, Berlin, Heidelberg, New York: Springer.
- Brady, A.-M. (2013). China's Antarctic interests. In A.-M Brady (Ed.), *The Emerging Politics of Antarctica*, (pp. 21-49). Abingdon: Routledge.
- Brady, A.-M. (2013). Cooperation or conflict? The emerging politics of Antarctica. In A.-M Brady (Ed.), *The Emerging Politics of Antarctica* (pp. 1-10). Abingdon: Routledge.
- Brady, A.-M. (2013). Diplomatic chill: Will politics trump science in Antarctica? *World Politics Review*, March 19. <http://www.worldpoliticsreview.com/articles/print/12802>.
- Brady, A.-M. (Ed.). (2013). *The Emerging Politics of Antarctica*. Abingdon: Routledge.
- Brady, A.-M. (2013). New Zealand's Antarctica. In A.-M. Brady (Ed.), *The Emerging Politics of Antarctica* (pp. 147-162). Abingdon: Routledge.
- Brady, A.-M., & Seungryeul, K. (2013). Cool Korea: Korea's growing Antarctic interests. In A.-M. Brady (Ed.), *The Emerging Politics of Antarctica* (pp. 75-95). Abingdon: Routledge.
- Chaturvedi, S. (2013). Rise and decline of Antarctica in Nehru's geopolitical vision: challenges and opportunities of the 1950s. *The Polar Journal*, 3(3), 301-315.
- Dodds, K., & Hemmings, A.D. (2013). Britain and the British Antarctic Territory (BAT) in a wider Antarctic and Southern Ocean geopolitics. *International Affairs* 89(6), 1429-1444.
- Engelbertz, S., & Liggett, D. (2013). Value theory for an Antarctic case study. In D. Liggett & A. D. Hemmings (Eds.), *Exploring Antarctic values* (pp. 10-21). Gateway Antarctica Special Publication Series No. 1301. Christchurch: Gateway Antarctica, University of Canterbury.
- Hemmings, A.D. (Ed.) (2013). Utopian framings of the Polar regions. Special Edition *The Polar Journal* 3(2).
- Hemmings, A.D. (2013). Utopian framings of the Polar regions. *The Polar Journal* 3(2), 555-560. <http://dx.doi.org/10.1080/2154896X.2013.868088>
- Hemmings, A.D. (2013). 'Environmental management' as diplomatic method: The advancement of strategic national interest in Antarctica. In D. Liggett & A. D. Hemmings (Eds.), *Exploring Antarctic values* (pp. 70-89). Gateway Antarctica Special Publication Series No. 1301. Christchurch: University of Canterbury.
- Hemmings, A.D. (2013). The Antarctic Treaty System (The Year in Review - 2011). *New Zealand Yearbook of International Law (2011)* 9: 335-340.
- Hemmings, A.D., & Liggett, D. (2013). Concluding remarks: Towards interdisciplinary study of Antarctic values. In D. Liggett & A.D. Hemmings (Ed.), *Exploring Antarctic values* (pp. 155-158). Gateway Antarctica Special Publication Series 1301. Christchurch: University of Canterbury.
- Lamers, M., Liggett, D., & Tin, T. (2013). Strategic thinking in Antarctic environmental governance: Learning from global experience? In T. Tin, D. Liggett, M. Lamers & P. Maher (Eds.), *Antarctic futures: Human engagement with the Antarctic environment* (pp. 307-327). Dordrecht, Berlin, Heidelberg, New York: Springer.
- Leane, E. (2013). Filming the frozen south: Animals in early Antarctic exploration films. In A. Pick & G. Narraway (Eds.), *Screening Nature: Cinema Beyond the Human* (pp. 127-42). Oxford: Berghahn.
- Leane, E. (2013). Yesterday's tomorrows and tomorrow's yesterdays: Utopian literary visions of Antarctic futures. *The Polar Journal* 3(2), 333-47.
- Liggett, D. (2013). Case study: Policy challenges of tourism as a commercial activity in Antarctica. In D.L Edgell & J.R. Swanson (Eds.), *Tourism policy and planning: Yesterday, today, and tomorrow* (pp. 107-118). London, New York: Routledge.
- Liggett, D., Tin, T., Lamers, M., & Maher, P. (2013). Multiple dimensions of human engagement with the Antarctic environment. In T. Tin, D. Liggett, M. Lamers & P. Maher (Eds.), *Antarctic futures:*

- Human engagement with the Antarctic environment* (pp. 335-351). Dordrecht, Berlin, Heidelberg, New York: Springer.
- Liggett, D., & Engelbertz, S. (2013). Values and political decision-making: The case of Antarctic tourism. In H. Lemelin, H., P. Maher & D. Liggett (Eds.), *From talk to action: How tourism is changing the Polar regions*. Proceedings of the 3rd International Polar Tourism Researcher Network conference.
- Liggett, D. & Hemmings, A.D. (eds.) (2013). *Exploring Antarctic values*. Christchurch: University of Canterbury, Gateway Antarctica Special Publication Series.
- Lucas, A., & Leane, E. (2013). Two pages of Xavier Mertz's missing Antarctic diary: A contextualization and reconstruction. *Polar Record* 50, 297-306.
- Nielsen, H., & Leane, E. (2013). 'Scott of the Antarctic' on the German stage: Reinhard Goering's *Die Südpolexpedition des Kapitäns Scott*. *New Theatre Quarterly* 29(3), 278-93.
- Neufeld, E., O'Reilly, J., Summerson, R., & Tin, T. (2013). Valuing Antarctica: Emerging views from international S=studies. In T. Tin, D. Liggett, M. Lamers & P. Maher (Eds.), *Antarctic futures: Human engagement with the Antarctic environment* (pp. 233-252). Dordrecht, Berlin, Heidelberg, New York: Springer.
- O'Reilly, J. (2013). *Antarctic climate futures: How Terra incognita becomes Terra clima*. *The Polar Record* 3(2), 384-398.
- O'Reilly, J. (2013). Update: The future of the West Antarctic Ice Sheet. *Proceedings of the XXXVI Antarctic Treaty Consultative Meetings*.
- Philpott, C. (2013). The sounds of silence: music in the heroic age of Antarctic exploration. *The Polar Journal* 3(2), 447-465.
- Salazar, J.F. (2013). Perceptions and opinion of Antarctic values in Chile. In D. Liggett & A.D. Hemmings (Eds.), *Exploring Antarctic values* (pp. 48-69). Christchurch: University of Canterbury, Gateway Antarctica Special Publication Series.
- Salazar, J.F. (2013). Geographies of place-making in Antarctica: An ethnographic approach. *The Polar Journal* 3(1), 53-71.
- Tin, T., Liggett, D., Lamers, M., & Maher, P. (Eds.) (2013). *Antarctic futures: Human engagement with the Antarctic environment*. Dordrecht, Berlin, Heidelberg, New York: Springer.
- 2012:**
- Acebo Ibáñez, E. del, & Schlüter, R. (2012). *Diccionario de turismo*. Buenos Aires: Claridad [Dictionary on tourism. In Spanish].
- Berkman, P.A. (2012). 'Common interests' as an evolving body of international law: Applications for Arctic Ocean stewardship. In R. Wolfrum (Ed). *Arctic marine science, international law and climate protection: Legal aspects of future marine science in the Arctic Ocean* (pp. 155-174). Heidelberg: Max Planck Institute.
- Brady, A.-M. (2012). Democratising Antarctic governance. *The Polar Journal*, 2(2), 451-461.
- Brady, A.-M. (2012). Polar stakes: China's polar activities as a benchmark for intentions. *China Brief* 12(14), 11-15.
- Chaturvedi, S. (2012). The Antarctic 'climate security' dilemma and the Future of Antarctic governance. In A.D. Hemmings, D.R. Rothwell & K.N. Scott (Eds.), *Antarctic security in the twenty-first century: Legal and policy perspectives* (pp. 257-283). Abingdon: Routledge.
- Chaturvedi, S. (2012). De(securitizing) the Ice: Circumpolar Arctic in 'Global' Climate Change. In P. Aalto, V. Harle and S. Moisio, (Eds.). *Global and Regional Problems: Towards an Interdisciplinary Study* (pp. 171-198). Aldershot: Ashgate.
- Chaturvedi, S. (2012). Geopolitical transformations: 'Rising Asia' and the future of Arctic Council. In T. S. Axworthy, T. Koivurova & W. Hasant (Eds.), *The Arctic Council: Its place in the future of Arctic governance* (pp. 225-260). Walter & Duncan Gordon Foundation, Munk School of Global Affairs and Arctic Council. Available at: <http://gordonfoundation.ca/node/530>.
- Chown, S., Lee, J., Hughes, K., Barnes, J., Barrett, P., Bergstrom, D., Convey, P., Cowan, D., Crosbie, K., Dyer, G., Frenot, Y., Grant, S., Herr, D., Kennicutt, M., Lamers, M., Murray, A., Possingham, H., Reid, K., Riddle, M., Ryan, P., Sanson, L., Shaw, J., Sparrow, M., Summerhayes,

- C., Terauds, A., Wall, D. (2012). Challenges to the future conservation of the Antarctic. *Science*, 337, 158-159.
- Hemmings, A.D. (2012). Considerable values in Antarctica. *The Polar Journal* 2(1), 137-154. <http://dx.doi.org/10.1080/2154896X.2012.679565>.
- Hemmings, A.D., Rothwell, D.R., & Scott, K.N. (Ed.) (2012). *Antarctic security in the twenty-first century: Legal and policy perspectives*. Abingdon: Routledge. <http://www.routledge.com/books/details/9780415620253>.
- Hemmings, A.D. (2012). Security beyond claims. In A.D. Hemmings, D.R. Rothwell & K.N. Scott (Eds.), *Antarctic security in the twenty-first century: Legal and policy perspectives* (pp. 70-94). Abingdon: Routledge.
- Hemmings, A.D., Rothwell, D.R., & Scott, K.N. (2012). Antarctic security in a global context. In A.D. Hemmings, D.R. Rothwell & K.N. Scott (Eds.), *Antarctic security in the twenty-first century: Legal and policy perspectives* (pp. 328-336). Abingdon: Routledge.
- Keynyn, B., Oreskes, N., O'Reilly, J. & Oppenheimer, M. (2012). Climate change predictions: erring on the side of least drama? *Global Environmental Change*. Online November 12.
- Lamers, M., Liggett, D., Amelung, B. (2012). Perspective: Strategic challenges of tourism development and governance in Antarctica: taking stock and moving forward. *Polar Research* 31. doi:10.3402/polar.v31i0.17219.
- Leane, E. (2012). *Antarctica in fiction: Imaginative narratives of the far south*. Cambridge: Cambridge UP.
- O'Reilly, J. (2012). Unknown nature: A review of Stefan Helmreich's *Alien Ocean: Anthropological Voyages in Microbial Seas*. *Environment and Society: Advances in Research* (1), 2.
- O'Reilly, J., Oreskes, N. & Oppenheimer, M. (2012). The rapid disintegration of projections: the West Antarctic Ice Sheet and the Intergovernmental Panel on Climate Change. *Social Studies of Science* 42(5), 709-731.
- Philpott, C. (2012). Notes from the heroic age of Antarctic exploration: Gerald S. Doorly's *Songs of the 'Morning'*. *Context: Journal of Music Research* 37, 3-35.
- Rothwell, D.R., Scott, K.N., & Hemmings, A.D. (2012). The search for 'Antarctic Security'. In A.D. Hemmings, D.R. Rothwell & K.N. Scott (Eds.), *Antarctic Security in the Twenty-first century: Legal and policy perspectives* (pp. 1-17). Abingdon: Routledge.
- 2011:**
- Bastmeijer, B. (2011). Intergenerational equity and the Antarctic Treaty System: Continued efforts to prevent 'mastery', In G. Alfredsson & T. Koivurova (Eds. in chief) & K.Hossain (Spec. ed) (Eds), *The Yearbook of Polar Law* 3, 635 – 682. Boston/Leiden: Brill/Martinus Nijhoff Publishers. Also available at http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1762039.
- Bastmeijer, K. (2011). A long term strategy for Antarctic tourism: The key to decision making within the Antarctic Treaty System? In P. Maher, E. Stewart & M. Lück (Eds), *Polar tourism: Human, environmental and governance dimensions* (pp. 167-184). Elmsford, NY: Cognizant Communication Corporation. Also available at SSRN: <http://ssrn.com/abstract=1335091>.
- Berkman, P.A., Lang, M.A., Walton, D.W.H., & Young, O.R. (Eds.) (2011). *Science diplomacy: Antarctica, science and the governance of international spaces*. Washington, DC: Smithsonian Institution Scholarly Press.
- Berkman, P.A. (2011). President Eisenhower, the Antarctic Treaty and origin of international spaces. In P.A. Berkman, M.A. Lang, D.W.H. Walton & O.R. Young (Eds.), *Science diplomacy: Antarctica, Science and the governance of international spaces* (pp. 17-28). Washington, DC: Smithsonian Institution Scholarly Press.
- Berkman, P.A., Walton, D.W.H., & Young, O.R. (2011). Conclusions. In P.A. Berkman, M.A. Lang, D.W.H. Walton & O.R. Young (Eds.), *Science diplomacy: Antarctica, Science and the governance of international spaces* (pp. 299-310). Washington, DC: Smithsonian Institution Scholarly Press.
- Crane, R., Leane, E., & Williams, M. (Eds.) (2011). *Imagining Antarctica: Cultural perspectives on the southern continent*. Hobart: Quintus.

- Farreny, R., Oliver-Solà, J., Lamers, M., Amelung, B., Gabarrell, X., Rieradevall, J., Boada, M., & Benayas, J. (2011). Carbon dioxide emissions of Antarctic tourism. *Antarctic Science* 23, 556-566.
- Gunnlaugsson, H., & del Acebo Ibáñez, E. (2011). Iceland's (2008) and Argentina's (2001) crises: Are there any similarities? *Arctic & Antarctic - International Journal on Circumpolar Sociocultural Issues* 5, 51-62.
- Hemmings, A.D., & Jabour, J. (2011). Already a special case? Australian Antarctic policy in the first decade of the Antarctic Treaty. In M. Haward & T. Griffiths (Eds.), *Australia and the Antarctic Treaty System: 50 years of influence* (pp. 118-137). Sydney: UNSW Press.
- Hemmings, A.D. (2011). Environmental law - Antarctica. In K. Bosselmann, D. Fogel & J.B. Ruhl (Ed.), *The Encyclopedia of Sustainability, Vol 3: The Law and Politics of Sustainability* (pp. 188-194). Great Barrington: Berkshire Publishing.
- Hemmings, A.D. (2011). The Antarctic Treaty System (The Year in Review - 2010). *New Zealand Yearbook of International Law* (2010) 8, 238-242.
- Hemmings, A.D. (2011). Why did we get an International Space Station before an International Antarctic Station? *The Polar Journal* 1(1), 5-16. <http://dx.doi.org/10.1080/2154896X.2011.569377>.
- Lamers, M., Eijelaar, E., & Amelung, B. (2011). Last chance tourism in Antarctica – Cruising for change? In J. Dawson, E. Stewart & Lemelin (Eds.), *Last-Chance tourism: Adapting tourism opportunities in a changing world* (pp. 25-41). London: Routledge.
- Lamers, M., & Gelter, H. (2011). Diversification of Antarctic tourism: the case of a scuba diving expedition. *Polar Record* 48(3), 280-290. <http://dx.doi.org/10.1017/S0032247411000246>
- Lamers, M., & Amelung, B. (2011). Sustainable tourism development in Antarctica: Conceptualization, perspectives, and ways forward. In A.A. Grenier and D.K. Müller (Eds.), *Polar tourism: A tool for regional development* (pp. 207-226). Québec, Canada: Presses de l'Université du Québec.
- Leane, E. (2011). Going outside: Captain Oates's literary legacy. In R. Crane, E. Leane & M. Williams, (Eds.), *Imagining Antarctica: Cultural perspectives on the southern continent*. (pp. 40-52). Hobart: Quintus.
- Leane, E. (2011). Introduction. In R. Crane, E. Leane & M. Williams (Eds.), *Imagining Antarctica: Cultural perspectives on the southern continent*. (pp. 10-17). Hobart: Quintus.
- Leane, E. (2011). Introduction: The cultural turn in Antarctic studies. *The Polar Journal*, 1(2), 149-54.
- Leane, E. and Nicol, S. (2011). Charismatic krill? Size and conservation in the ocean. *Anthrozoös* 24(3), 135-46.
- Leane, E. and Pfennigwerth, S. (2011). Marching on thin ice: The politics of penguin Films. In C. Freeman, E. Leane & Y. Watt (Eds.), *Considering animals: Contemporary case studies in human-animal relations*. (pp. 29-40). Aldershot: Ashgate.
- Leane, E., & Tiffin, H. (2011) Dogs, meat and Douglas Mawson. *Australian Humanities Review* 51, n. pag.
- Lucas, A., Henderson, C, Leane, E. & Kriwoken, L. (2011). A flight of the imagination: Mawson's Antarctic Aeroplane. *The Polar Journal* 1(1), 63-75.
- Lucas, A., Kriwoken, L. & Leane, E. (2011). Captain John King Davis on F.I.S. *Endeavour*: Preparing for oceanographic work in Antarctic and Subantarctic waters. *Polar Record* 47, 356-70.
- O'Reilly, J. (2011). Tectonic history and Gondwanan geopolitics in the Larsemann Hills, Antarctica. *PoLAR: Political and Legal Anthropology Review* 34, 214–232.
- O'Reilly J., Brysse, K., Oppenheimer M., & Oreskes, N. (2011). Characterizing uncertainty in expert assessments: ozone depletion and the West Antarctic ice sheet. *WIREs Climate Change* 2, 728-743.
- Roura, R. and Hemmings, A.D. (2011). Realising strategic environmental assessment in Antarctica. *Journal of Environmental Assessment Policy and Management* 13(3), 483-514. <http://dx.doi.org/10.1142/S1464333211003973>.
- Tin, T., Bastmeijer, K. O'Reilly, J., & Maher, P. (2011). Public perception of the Antarctic wilderness: Surveys from an educated, environmentally knowledgeable European community. In A. Watson, J. Murrieta-Saldivar & B. McBride (Eds), *Science and stewardship to protect and sustain wilderness*

values –Ninth World Wilderness Congress Symposium 6-13 November, 2009, , Mexico (pp. 109-117). Fort Collins, CO: Available at http://www.fs.fed.us/rm/pubs/rmrs_p064.pdf.

Tin, T., & Hemmings, A.D. (2011). Challenges in protecting the wilderness of Antarctica. In A. Watson, J. Murrieta-Saldivar & B. McBride (Ed.), *Science and stewardship to protect and sustain wilderness values: Proceedings of the Ninth World Wilderness Congress Symposium: 6-13 November 2009, Meridá, Yucatán, Mexico* (pp. 147-152). Fort Collin, CO: United States Department of Agriculture Forest Service. http://www.fs.fed.us/rm/pubs/rmrs_p064/rmrs_p064_147_152.pdf.

2010:

Berkman, P.A. (2010). *Environmental security in the Arctic Ocean: Promoting cooperation and preventing conflict*. London: Routledge.

Berkman, P.A. (2010). Biodiversity stewardship in international spaces. *Systematics and Biodiversity* 8(3), 311–320.

Berkman, P.A. (2010). Integrated Arctic Ocean governance for the lasting benefit of all humanity. In Wolfrum, R. (Ed), *New challenges and new responsibilities in the Arctic region* (pp. 187-194). Heidelberg: Max Planck Institute.

Berkman, P.A. (2010). Common interests in the international space of Antarctica. *Polar Record*, 46(1), 7-9.

Brady, A.-M. (2010). China's rise in Antarctica. *Asian Survey*, 50(4), 759-785.

Brady, A.-M. (2010). New Zealand's strategic interests in Antarctica. *Polar Record*, 47(241), 126-134.

Brady, A.-M. (2010). Xinxilan yu Nanji (New Zealand and Antarctica). *Zhongguo haiyang daxue xuebao* (Journal of China Oceanic University), 4.

Acebo Ibáñez, E. del (2010). Bordering Immigrants in Argentina. The case of Chilean immigration to Patagonia and Tierra del Fuego. *Arctic & Antarctic - International Journal on Circumpolar Sociocultural Issues* 4, 47-65.

Acebo Ibáñez, E. del, & Costa, M. (2010). Antarctic environmental problems: attitudes and behaviours of young inhabitants of two Argentine cities (Buenos Aires and San Carlos de Bariloche). *Polar Record* 46(238), 257-263.

Acebo Ibáñez, E. del, & Gunnlaugsson, H. (Eds.) (2010). *La circumpolaridad como fenómeno sociocultural (pasado, presente, futuro)* [The circumpolarity as a sociocultural phenomenon (past, present, future)] (In Spanish). CICLOP: University of Buenos Aires. (ISBN 978-950-29-1239-4)

Dodds, K., & Hemmings, A.D. (2010). Stenographers of power: Reply to Haward and Bergin. *Australian Journal of Politics and History* 56(4), 617-619. <http://dx.doi.org/10.1111/j.1467-8497.2010.01575.x>.

Hemmings, A.D. (2010). Does bioprospecting risk moral hazard for science in the Antarctic Treaty System? *Ethics in Science and Environmental Politics* 10(1), 5-12. <http://dx.doi.org/10.3354/esepp00103>

Hemmings, A.D., & Kriwoken, L.K. (2010). High level Antarctic EIA under the Madrid Protocol: State practice and the effectiveness of the comprehensive environmental evaluation process. *International environmental agreements: Politics, law and economics* 10(3), 187-208. <http://dx.doi.org/10.1007/s10784-010-9119-5>.

Hemmings, A.D., & Stephens, T. (2010). The extended continental shelves of sub-Antarctic Islands: implications for Antarctic governance. *Polar Record*, 46(4): 312-327. <http://dx.doi.org/10.1017/S0032247409990532>

Lamers, M.; Amelung, B. (2010). Climate Change and its Implications for Cruise Tourism in the Polar Regions. In Lück, M., Maher, P.T., and Stewart, E.J. (Eds.), *Cruise Tourism in the Polar Regions: Promoting environmental and social sustainability* (pp. 147-163). London: Earthscan.

Lamers, M., Amelung, B., & Stel, J.H. (2010). Business as (un)usual: Integrated scenario analysis for tourism in Antarctica. In Hall, C.M. and Saarinen, J. (Eds), *Tourism and change in Polar regions: Climate, environment and experiences* (pp. 247- 262). London: Routledge.

Leane. (2010). Eggs, emperors and empire: Apsley Cherry-Garrard's 'Worst Journey' as imperial quest romance. *Kunapipi* 31(2), 18-34.

- Leane, E., & Pharoah, M. (2010). Introduction. In A. McLean and D. Mawson (Eds), *The Adelie Blizzard* (pp. xi-xx). Adelaide: Friends of the State Library of South Australia.
- O'Reilly, J. (2010). The future of the West Antarctic Ice Sheet: observed and predicted changes, tipping points, and policy considerations. *Proceedings of the Antarctic Treaty Meeting of Experts on Climate Change*.
- Shibata, A. (2010). Antarctic Treaty System: Its Foundation and Developments (in Japanese). *Jurist* 1409, 86-94

History Expert Group

Proceedings of workshops

- Lüdecke, C., Tipton-Everett, L. and L. Lay (Eds.). 2012, National and Trans-National Agendas in Antarctic Research from the 1950s and Beyond. Proceedings of the 3rd Workshop of the SCAR Action Group on the History of Antarctic Research. BPRC Technical Report No. 2011-01, Byrd Polar Research Center, The Ohio State University, Columbus, Ohio, 160 pages.
- Available at <http://hdl.handle.net/1811/53605>
- Lüdecke, C. (ed.), 2009, 2nd SCAR Workshop on the History of Antarctic Research: Multidimensional exploration of Antarctica around the 1950s. Boletín ANTÁRTICO Chileno, Instituto Antártico Chileno, Punta Arenas, 82 pp.
- Lüdecke, C. (2007): Steps of foundation of institutionalized Antarctic research: Proceedings of the 1st SCAR workshop on the history of Antarctic research ; Bavarian Academy of Sciences and Humanities, Munich (Germany), 2-3 June, 2005 , Berichte zur Polar- und Meeresforschung (Reports on Polar and Marine Research), Bremerhaven, Alfred Wegener Institute for Polar and Marine Research, 560 , 228 p. available under: <http://epic.awi.de/27231/>

Selected Single publications (there are many more)

- Abbink, Peter, 2009, Antarctic Policymaking & Science in the Netherlands, Belgium and Germany (1957-1990). *Circumpolar Studies* 6, 263 pp.
- Atkin, Andrew, 2012, Failure of the magnetic research on the Discovery Antarctic Expeditions, 1901-1904. *The Polar Journal*, vol 2 (2), 200-218.
- Antonello, Alessandro, 2014, Nature conservation and Antarctic diplomacy, 1959–1964. *The Polar Journal* 4 (2), 335-353
- Barr, Susan and Lüdecke, Cornelia (Eds.), 2010, *The History of the International Polar Years (IPYs). Series: From Pole to Pole, Vol. 1*, Springer-Verlag, Berlin, Heidelberg, XI, 319 pp.
- eBook: <http://dx.doi.org/10.1007/978-3-642-12402-0>
- Behrendt, John C., 2007, The U.S. Antarctic Oversnow Geophysical-Glaciological Research Program of the International Geophysical Year (IGY) 1957-58, from the View of a Research Scientist Participant. In C. Lüdecke ed., *Steps of Foundation of Institutionalized Antarctic Research, Reports of Marine and Polar Research*, 560, Alfred-Wegener-Institut, Bremerhaven, 80-97.
- Behrendt, J.C., 2007, A half century perspective on the International Geophysical Year (IGY). *Polar Times* 3 (10), 3-7.
- Behrendt, J.C., 2005, *The Ninth Circle; a Memoir of Life and Death in Antarctica, 1960-62*. University of New Mexico Press, Albuquerque, 255 p.
- Berguno, Jorge and Elzinga, Aant, 2010. The Achievements of the IGY. In In Barr, S. and C. Lüdecke, *The History of the International Polar Years (IPYs). Series: From Pole to Pole, Vol. 1*, Springer-Verlag, Berlin, Heidelberg, 259-278.
- Berkman, P.A. (2009). Common interests in the international space of Antarctica. *Polar Record*, 46 (236), 167-175, 7-9.
- Bulkeley, Rip, 2014, *Bellingshausen and the Russian Antarctic Expedition, of 1819-1821*. Palgrave MacMillan, New York, 276 pp.

- Bulkeley, Rip, 2010, Origins of the International Geophysical Year. In: Barr, S. and C. Lüdecke, The History of the International Polar Years (IPYs). Series: From Pole to Pole, Vol. 1, Springer-Verlag, Berlin, Heidelberg, 239-257.
- Dodds, Klaus, Gan, Irina, and Adrian Howkins, 2010, The IGY-3: The International Geophysical Year (1957-1958). In: Barr, S. and C. Lüdecke, The History of the International Polar Years (IPYs). Series: From Pole to Pole, Vol. 1, Springer-Verlag, Berlin, Heidelberg, 235-238.
- Drygalski, Erich von, 2013, Zum Kontinent des eisigen Südens: Die erste deutsche Südpolarexpedition 1901-1903. Abridged reprint, Cornelia Lüdecke (ed), Edition Erdmann, marixverlag, Wiesbaden, 366S.
- Elzinga, A. 2013, The Nordic Nations in Polar Science: Expeditions, International Polar Years and their Geopolitical Dimensions. In: Sverker Sörlin (ed.), Science, Geopolitics, and Culture in the Polar Regions – Norden Beyond Borders. Ashgate Publishing, Farnham, 357-391.
- Elzinga, Aant, 2013, Punta Arenas und Ushuaia: early explorers and the politics of memory in constructing Antarctic gateways. *The Polar Journal* 3 (1), 227-256.
- Elzinga, A. 2011, Origins and Limitations of the Antarctic Treaty. In: Berkman, P.A., Lang, M.A., Walton, D.W.H., and Young O.R. (eds.), Science Diplomacy: Antarctica, Science, and the Governance of International Spaces. Smithsonian Institution Scholarly Press, Washington DC, 59-67.
- Elzinga, A. 2011, Rallying around a flag? On the persistent gap in scientific internationalism between word and deed. In: Anne-Marie Brady (ed.), Emerging Politics of Antarctica. Routledge Publishers, Milton Park, 193-219.
- Elzinga, A. 2010, An evaluation of the achievements of the First International Polar year. In: Barr, S. and C. Lüdecke, The History of the International Polar Years (IPYs). Series: From Pole to Pole, Vol. 1, Springer-Verlag, Berlin, Heidelberg, 109-126.
- Elzinga, A. 2010, Achievements of the Second International Polar Year. In Barr, S. and C. Lüdecke, The History of the International Polar Years (IPYs). Series: From Pole to Pole, Vol. 1, Springer-Verlag, Berlin, Heidelberg, 211-234.
- Elzinga, Aant 2009. Through the lens of the polar years: changing characteristics of polar research in historical perspective. *Polar Record*, 45 (235), 167-175.
- Elzinga, Aant, 2009. Geopolitics, science and internationalism during the IGY. In: 2nd SCAR Workshop on the History of Antarctic Research. Multidimensional exploration of Antarctica around the 1950s. C. Lüdecke (ed.), Boletín ANTÁRTICO Chileno, Instituto Antártico Chileno, Punta Arenas, 71-81.
- Ferrar, Susanna, "Paths are made by Walking". The beginnings of a plan for a biography of Hartley Travers Ferrar, see: http://www.anta.canterbury.ac.nz/documents/PCAS_14/ProjectReports/Ferrar-Paths%20are%20made%20for%20walking.pdf
- Gan, I. (2009). 'Will the Russians abandon Mirny to the penguins after 1959 ... or will they stay?' *Polar Record*, 45 (233), 167-175.
- Hince, Bernadette, 2014, "Seal liver and onion for dinner": the role of food in preserving the peace on some early Antarctic expeditions. *The Polar Journal*, 4 (2), 377-388.
- Hornik, H. and C. Lüdecke, 2007, Wilhelm Filchner and Antarctica. . In: C. Lüdecke (ed.), Steps of Foundation of Institutionalized Antarctic Research. Proceedings of the 1st SCAR Workshop on the History of Antarctic Research, Munich 2-3 June 2005, Reports on Polar and Marine Research, Alfred Wegener Institute of Polar and Marine Research, Bremerhaven, Nr. 560, p. 52-63.
- Howkins, Adrian, 2016, The Polar Regions: An Environmental History, Cambridge, Polity.
- Howkins, A. (2016). "Taylor's Valley: What the History of Antarctica's 'Heroic Era' Can Contribute to Contemporary Ecological Research in the McMurdo Dry Valleys." *Environment and History* 22(1), 3-28.
- Howkins, A. (2011). "Melting Empires? Climate Change and Politics in Antarctica Since the International Geophysical Year." *Osiris* 26(1), 180-197.
- Howkins, A. (2009). "Más allá del heroísmo: la historia antártica bajo las sombras de Amundsen, Scott y Shackleton." *Istor* 39, 3-26.

- Howkins, A. (2008). "Reluctant Collaborators: Argentina and Chile in Antarctica during the IGY." *Journal of Historical Geography* 34, 596-617.
- Howkins, A. (2008). "Defending polar empire: opposition to India's proposal to raise the 'Antarctic Question' at the United Nations in 1956." *Polar Record* 44(1), 35-44.
- Howkins, A. (2007). "Argentine Antarctic Science, 1946-1959." *Reports on Polar and Marine Research*, Alfred Wegener Institute of Polar and Marine Research, Bremerhaven 560, 64-79.
- Howkins, A. (2006). *Chilean Antarctic Science, 1946-59*. 2nd SCAR Workshop on the History of Antarctic Science, Santiago, Chile, *Boletín Antártico Chileno*.
- Howkins, A. (2006). "Icy relations: the emergence of South American Antarctica during the Second World War." *Polar Record* 42(2): 153-165.
- León Wöppke, Consuelo y Cristián Garay Vera, 2015, "The Cold War and Chilean Antarctic Policy, 1946-1952", *Estudios Hemisféricos y Polares*, 6 (2), 110-124.
- León Wöppke, Consuelo, 2012, The Chilean Army's participation in the nation's first Antarctica expedition. *The Polar Journal*, 2 (2), 408-426.
- León Wöppke, Consuelo. "El Bloc chileno-argentino y la cuestión antártica en 1947: percepciones estadounidenses y chilenas" en *Esbozando la Historia Antártica Latinoamericana*: 225- 243.
- León Wöppke, Consuelo and Jason Kendall Moore, 2010, "Passion for the Antarctica: a short play". *The Polar Record*, 271-72.
- León Wöppke, Consuelo and Jason Kendall Moore, 2009,. "Antarctic Science as a component of Chilean Skepticism toward the United States in 1940 and 1950s". In: 2nd SCAR Workshop on the History of Antarctic Research. Multidimensional exploration of Antarctica around the 1950s. C. Lüdecke (ed.), *Boletín ANTÁRTICO Chileno*, Instituto Antártico Chileno, Punta Arenas, 37-44.
- Lüdecke, C., 2015, *Deutsche in der Antarktis. Expeditionen und Forschungen. Vom Kaiserreich bis heute*. Ch. Links Verlag, Berlin, 221 S.
- Lüdecke, Cornelia, 2012, Investigation of the unknown: the flight programme of the German *Schwabenland* expedition 1938/39. *The Polar Journal*, 2 (2), 312-333.
- Lüdecke, C., 2012, The International Polar Year (1957-1958) as Reflected in German Media. In: Lüdecke, C., Tipton-Everett, L. and L. Lay (Eds.). 2012, *National and Trans-National Agendas in Antarctic Research from the 1950s and Beyond*. Proceedings of the 3rd Workshop of the SCAR Action Group on the History of Antarctic Research. BPRC Technical Report No. 2011-01, Byrd Polar Research Center, The Ohio State University, Columbus, Ohio, 55-71. <http://hdl.handle.net/1811/53605>
- Lüdecke, C., 2011, Parallel Precedents for the Antarctic Treaty. In: Berkman, P.A., Lang, M.A., Walton, D.W.H., and Young O.R. (eds.), *Science Diplomacy: Antarctica, Science, and the Governance of International Spaces*. Smithsonian Institution Scholarly Press, Washington DC, 253-263.
- Lüdecke, C., 2010, International Meteorological and Magnetic Co-operation in Polar Regions. In: Barr, S. and C. Lüdecke, *The History of the International Polar Years (IPYs)*. Series: From Pole to Pole, Vol. 1, Springer-Verlag, Berlin, Heidelberg, 297-298.
- Lüdecke, C., 2010, International Cooperation in Antarctica (1901-1904). In: Barr, S. and C. Lüdecke, *The History of the International Polar Years (IPYs)*. Series: From Pole to Pole, Vol. 1, Springer-Verlag, Berlin, Heidelberg, 127-134.
- Lüdecke, C., 2009, Expanding to Antarctica – Discussions about German naming and a new map of Antarctica in the early 1950s. In: 2nd SCAR Workshop on the History of Antarctic Research. Multidimensional exploration of Antarctica around the 1950s. C. Lüdecke (ed.), *Boletín ANTÁRTICO Chileno*, Instituto Antártico Chileno, Punta Arenas, 45-52.
- Lüdecke, C., 2009, Exploración científica de la Antártida: ejemplos desde la época histórica hasta la fecha, *ISTOR: Revista de Historia Internacional* Año X, número 39, invierno de 2009, 50-69. (Wissenschaftliche Erforschung der Antarktis - Beispiele von der heroischen Ära bis heute) available at http://www.istor.cide.edu/archivos/num_39/dossier3.pdf
- Lüdecke, C., 2007, Karl Maria Herrligkoffer's private „German South Pole Expedition“ 1957/58: A failed initiative. In: C. Lüdecke (ed.), *Steps of Foundation of Institutionalized Antarctic Research*. Proceedings of the 1st SCAR Workshop on the History of Antarctic Research, Munich 2-3 June

- 2005, Reports on Polar and Marine Research, Alfred Wegener Institute of Polar and Marine Research, Bremerhaven, Nr. 560, p. 195-210.
- Lüdecke, C. and C. Summerhayes, 2012, *The Third Reich in Antarctica: The German Antarctic Expedition 1938-39*. Eccles: Erskine Press and Bluntisham: Bluntisham Books, 259 pp.
- Luedtke, Brandon, 2013, A nation on ice: Germany and the Arctic, 1865–1875, *The Polar Journal* 3 (2), 348-367.
- Moore, J.K. (2008). Particular generalisation: the Antarctic Treaty of 1959 in relation to the anti-nuclear movement. *Polar Record*, 44 (229), 115-125.
- Moore Jason Kendall and León Wöppke, Consuelo, 2007, “The frozen continent: An Antarctic play”, *The Polar Record* 277-278.
- Nuviala Antelo, M. Victoria, 2015, Cotidianeidad y extrañamiento en Antártida. Narrativas sobre los balleneros industriales en las islas Shetland del Sur (Antártida, Siglo XX) *Balleneros del Sur*. Daniel Quiroz y Gastón Carreño Editores. Colección Mocha Dick. Santiago de Chile. 2015. Pp. 141-157.
- Nuviala Antelo, M. Victoria, 2014, I was, after all, a foreigner. Una reflexión en torno a un continente inicialmente vacío de un 'otro' (Antártida, siglo xx). *Estudios del ISHiR*, Vol. 4, núm. 8 (2014): *Estudios del ISHiR*. Pp. 86-101. *Revista Estudios del ISHiR*, Unidad Ejecutora en Red ISHiR-CONICET, ISSN 2250-4397.
- Philpott, Carolyn, 2013, The sounds of silence: music in the Heroic Age of Antarctic exploration. *The Polar Journal* 3 (2), 447-463.
- Rack, Ursula, 2013, “Weather still remains boisterous”. Historic weather data in diaries and logbooks 1901 – 1904; in: *History Group Newsletter of the Royal Meteorological Society UK*, No3,2013 pp. 5-18
- Rack, Ursula; Atkin, Andrew, 2015, SCAR open science conference 2014. Report on the session ‘Connecting the past-present/future: studies and methods in history for Antarctic research and science’. In: *Polar Record* 51 (6), 692-693 (online 2 June 2015) <http://dx.doi.org/10.1017/S0032247414000941>
- Roberts, Peder, 2011, *The European Antarctic: Science and Strategy in Scandinavia and the British Empire* (New York: Palgrave Macmillan, 2011).
- Roberts, Peder, Dodds, Klaus and Lize-Marié van der Watt, 2011, “‘But Why Do You Go There?’ Norway, South Africa, and the Antarctic in the 1950s’. In Sverker Sörlin, ed., *Science, Geopolitics, and Culture in the Polar Regions – Norden Beyond Borders* (Ashgate, 2013), pp. 79-107.
- Salerno, M. A.; Zarakin, Andres, 2014, En busca de las experiencias perdidas. Arqueología del encuentro entre los loberos y las islas Shetland del Sur (Antártida, Siglo XIX). *Vestígios. Revista Latino-Americana de Arqueologia Histórica* 8, 129-158.
- Senatore, M.X. y A. Zarankin, 2014, Against the domain of Master Narratives: Archaeology and History in Antarctica. *Against the Typological Tyranny in Archaeology: A View from South America*. Editado por Cristobal Gnecco y Carl Langebaek, Springer, New York, 121-132.
- Summerhayes, Colin and Cornelia Lüdecke, 2012, A German Contribution to South Atlantic Seabed Studies, 1938-39. *Polarforschung* 82 (2), 93-101, erschienen 2013. Available at: http://epic.awi.de/34230/1/Polarforschung_82-2_93-101.pdf
- Van der Watt, Lize-Marié, 2013, Return to Gondwanaland: South Africa, Antarctica, minerals and apartheid. *The Polar Journal* 3(1), 72-93.
- Zarakin, Andres. 2015, Archaeology of a Tear: Delusions in a Tent in a Stormy Day in Antarctica. In: José Roberto Pellini, Andrés Zarankin and Melisa A. Salerno. (Org.). *Coming to Senses: Topics in Sensory Archaeology*. 1ed. Newcastle upon Tyne: Cambridge Scholars Publishing, v. 1, p. 11-20.
- Zarakin, Andres, 2014, 'A persistência da memória?? histórias não-lineares de arqueólogos e foqueiros na antártica. *Revista de Arqueologia (Sociedade de Arqueologia Brasileira. Impresso)*, v. 27, p. 36-45,.
- Zarakin, Andres; Salerno, M. A., 2014, The 'Wild' Continent? Some discussions on the Anthropocene in Antarctica. *Journal of Contemporary Archaeology*, v. 1, p. 116-120,.

- Zarankin, A. y M.X. Senatore, 2014, Storytelling, Big Fish y arqueología. Repensando el caso de Antártida. En Multivocalidad y activaciones patrimoniales en arqueología. Perspectivas desde Sudamérica. En: C.Rivolta, M. Montenegro, L. Menezes Ferreira Y J. Nasti (eds.). Facultad de Ciencias Sociales, Universidad Nacional del centro de la Provincia de Buenos Aires, FHN Felix de Azara, Buenos Aires, 111-130
- Zarankin, A. y M.X. Senatore, 2013, Contos, “Peixe Grande” e arqueologia; repensando o caso da Antártida. Tempos ancestrais. Walter Fagundes Morales e Flavia Prado Moi (orgs.), São Paulo/Ilhéus: Annablume/NEPAB, 281-301.