DVD Contents

The DVD that is included in the back pocket of this book contains a copy of the complete 10th ISAES Online Proceedings website at http://pubs.usgs.gov/of/2007/1047/. The DVD contains Portable Document Format (PDF) version 1.6 (Acrobat 7) files of the 10th ISAES Program book and all publications of the 10th ISAES. A list of these publications is provided below. The disc can be used on any DVD-equipped computer platform that can run Adobe Reader 7 or higher or other software that can translate PDFs. You can get a free copy of the latest version of Adobe Reader from http://www.adobe.com/products/acrobat/readstep2.html. The disc contains a full-text index (index.pdx and associated files in the index directory) that is for use in searching among all of the PDF files at once for words or sets of words using the Search tool in Adobe Reader. To get started: On a Windows-based computer, the file index.html should open automatically. On any platform, open the DVD drive then open the file index.html to view it with your browser.

KEYNOTE PAPERS (KNP – PEER REVIEWED)

KNP 001: Summary and Highlights of the Tenth International Symposium on Antarctic Earth Sciences by Wilson et al.

KNP 002: Antarctic Earth System Science in the International Polar Year 2007-2008 by R. E. Bell

KNP 003: 100 Million Years of Antarctic Climate Evolution: Evidence from Fossil Plants by J. E. Francis et al.

KNP 004: Antarctica's Continent-Ocean Transitions: Consequences for Tectonic Reconstructions by K. Gohl

KNP 005: Landscape Evolution of Antarctica by S. S. R. Jamieson and D. E. Sugden

KNP 006: A View of Antarctic Ice-Sheet Evolution from Sea-Level and Deep-Sea Isotope Changes during the Late Cretaceous-Cenozoic by K. G. Miller et al.

KNP 007: Late Cenozoic Climate History of the Ross Embayment from the AND-1B Drill Hole: Culmination of Three Decades of Antarctic Margin Drilling by T. R. Naish et al.

KNP 008: A Pan-Precambrian Link Between Deglaciation and Environmental Oxidation by T. D. Raub and J. L. Kirschvink

KNP 009: Tectonics of the West Antarctic Rift System: New Light on the History and Dynamics of Distributed Intracontinental Extension by C. S. Siddoway

KNP 010: The Significance of Antarctica for Studies of Global Geodynamics by R. Sutherland

KNP 011: Antarctica and Global Paleogeography: From Rodinia, Through Gondwanaland and Pangea, to the Birth of the Southern Ocean and the Opening of Gateways by T. H. Torsvik et al.

SHORT RESEARCH PAPERS (SRP – PEER REVIEWED)

SRP 001: Advances Through Collaboration: Sharing Seismic Reflection Data via the Antarctic Seismic Data Library System for Cooperative Research (SDLS) by N. Wardell et al.

SRP 002: Antarctic Multibeam Bathymetry and Geophysical Data Synthesis: An On-Line Digital Data Resource for Marine Geoscience Research in the Southern Ocean by S. M. Carbotte et al.

SRP 003: The Dinosaurs of the Early Jurassic Hanson Formation of the Central Transantarctic Mountains: Phylogenetic Review and Synthesis by N. D. Smith et al.

- SRP 004: The Ellsworth Mountains: Critical and Enduringly Enigmatic by I. W. D. Dalziel
- SRP 005: Cenozoic Environmental Changes Along the East Antarctic Continental Margin Inferred from Regional Seismic Stratigraphy by G. L. Leitchenkov et al.
- SRP 006: Magnetic Anomalies in East Antarctica: A Window on Major Tectonic Provinces and Their Boundaries by A. V. Golynsky
- SRP 007: Sm-Nd and U-Pb Isotopic Constraints for Crustal Evolution During Late Neoproterozic from Rocks of the Schirmacher Oasis East Antarctica: Geodynamic Development Coeval with the East African Orogeny by V. Ravikant et al.
- SRP 008: IGY to IPY the U.S. Antarctic Oversnow and Airborne Geophysical-Glaciological Research Program from 1957 to 1964 from the View of a Young Graduate Student by J. C. Behrendt
- SRP 009: The Cosmonaut Sea Wedge by K. Solli et al.
- SRP 010: Holocene Oceanographic and Climatic Variability of the Vega Drift Deduced through Foraminiferal Interpretation by P. Szymcek et al.
- SRP 011: SCIAMACHY's View of the Polar Atmosphere by M. Gottwald et al.
- SRP 012: New Rb-Sr Mineral Ages Temporally Link Plume Events with Accretion at the Margin of Gondwana by M. J. Flowerdew et al.
- SRP 013: Upper Mantle Anisotropy from Teleseismic SKS Splitting Beneath Litzow-Holm Bay Region East Antarctica by Y. Usui et al.
- SRP 014: Insight into the Geology of the East Antarctic Hinterland: A Study of Sediment Inclusions from Ice Cores of the Lake Vostok Borehole by G. L. Leitchenkov et al.
- SRP 015: Geoenvironments from the Vicinity of Arctowski Station Admiralty Bay King George Island Antarctica: Vulnerability and Valuation Assessment by C. Ernesto et al.
- SRP 016: Magnetic Anomalies Northeast of Cape Adare Northern Victoria Land (Antarctica) and Their Relation to Onshore Structures by D. Damaske et al.
- SRP 017: Cenozoic Antarctic DiatomWare/BugCam: An Aid for Research and Teaching by S. W. Wise et al.
- SRP 018: Synthetic Seismograms and Spectral Cycles on the Andvord and Schollaert Drifts: Antarctic Peninsula by P. L. Manley and S. Brachfeld
- SRP 019: Paleocene and Maastrichtian Calcareous Nannofossils from Clasts in Pleistocene Glaciomarine Muds from the Northern James Ross Basin Western Weddell Sea Antarctica by D. K. Kulhanek
- SRP 020: Antarctic Ice-Rafted Detritus (IRD) in the South Atlantic: Indicators of Iceshelf Dynamics or Ocean Surface Conditions? by Simon H. H. Nielsen and D. A. Hodell
- SRP 021: Does the Late Pliocene Change in the Architecture of the Antarctic Margin Correspond to the Transition to the Modern Antarctic Ice Sheet? by M. Rebesco and A. Camerlenghi
- SRP 022: Lithospheric Structure Across the Transantarctic Mountains Constrained by an Analysis of Gravity and Thermal Structure by Audrey D. Huerta
- SRP 023: Zircon U-Pb Ages from an Ultra-High Temperature Metapelite Rauer Group East Antarctica: Implications for Overprints by Grenvillian and Pan-African Events by Y. W. L. Tong and D. Liu
- SRP 024: Abrupt Turnover in Calcareous-Nannoplankton Assemblages Across the Paleocene/Eocene Thermal Maximum: Implications for Surface-Water Oligotrophy over the Kerguelen Plateau Southern Indian Ocean by S. Jiang and S. W. Wise
- SRP 025: Basement and Crustal Structure of the Davis Sea Region (East Antarctica): Implications for Tectonic Setting and Continent to Oceanic Boundary Definition by Y. B. Guseva et al.
- SRP 026: Extensive Debris Flow Deposits on the Eastern Wilkes Land Margin: A Key to Changing Glacial Regimes by C. Escutia et al.
- SRP 027: Granulometry of Pebble Beach Ridges in Fort Williams Point Greenwich Island Antarctic Peninsula: A Possible Result from Holocene Climate Fluctuations by E. Santana and J. F. Dumont
- SRP 028: Crustal Structure and Evolution of the Mawson Sea Western Wilkes Land Margin East Antarctica by G. L. Leitchenkov et al.
- SRP 029: Sea Ice Concentration Temporal Variability over the Weddell Sea and Its Relationship with Tropical Sea Surface Temperature by S. Barreira and R. Compagnucci
- SRP 030: Geology of the Byrd Glacier Discontinuity (Ross Orogen): New Survey Data from the Britannia Range Antarctica by R. Carosi et al.
- SRP 031: Unconsolidated Sediments at the Bottom of Lake Vostok from Seismic Data by I. Filina et al.
- SRP 032: Platinum-Group Elements in Sills of the Jurassic Ferrar Large Igneous Province from Northern Victoria Land Antarctica by R. Hanemann and L. Viereck-Goette
- SRP 033: Jurassic Magmatism in Dronning Maud Land: Synthesis of Results of the MAMOG Project by P. T. Leat et al.
- SRP 034: Main Andean Sinistral Shear Along the Cooper Bay Dislocation Zone South Georgia? by M. L. Curtis
- SRP 035: New 40Ar/89Ar and K/Ar Ages of Dikes in the South Shetland Islands (Antarctic Peninsula) by S. Kraus et al.
- SRP 036: Solar Forcing and El Niño-Southern Oscillation (ENSO) Influences on Productivity Cycles Interpreted from a Late-Holocene High-Resolution Marine Sediment Record Adélie Drift East Antarctic Margin by E. Costa et al.
- SRP 037: East Antarctic Ice Sheet Fluctuations During the Middle Miocene Climatic Transition Inferred from Faunal and Biogeochemical Data on Planktonic Foraminifera (ODP Hole 747A Kerguelen Plateau) by M. Verducci et al.
- SRP 038: Solubility of TiO_2 in Garnet and Orthopyroxene: Ti Thermometer for Ultrahigh-Temperature Granulites by T. Kawasaki and Y. Motoyoshi
- SRP 039: Early Precambrian Mantle Derived Rocks in the Southern Prince Charles Mountains East Antarctica: Age and Isotopic Constraints by E. V. Mikhalsky et al.
- SRP 040: Mega Debris Flow Deposits on the Western Wilkes Land Margin East Antarctica by F. Donda

SRP 041: History of Views on the Relative Positions of Antarctica and South America: A 100-Year Tango Between Patagonia and the Antarctic Peninsula by H. Miller

- SRP 042: The History of Antarctic Peninsula Glaciation by P. F. Barker
- SRP 043: East Antarctic Ice-Sheet Dynamics Between 5.2 and 0 Ma from a High-Resolution Terrigenous Particle Size Record ODP Site 1165 Prydz Bay-Cooperation Sea by S. Passchier
- SRP 044: Thermochronologic Constraints on Jurassic Rift Flank Denudation in the Thiel Mountains Antarctica by P. G. Fitzgerald and S. L. Baldwin
- SRP 045: Basal Adare Volcanics Robertson Bay North Victoria Land Antarctica: Late Miocene Intraplate Basalts of Subaqueous Origin by N. Mortimer et al.
- SRP 046: Cretaceous Oblique Detachment Tectonics in the Fosdick Mountains Marie Byrd Land Antarctica by R. McFadden et al.
- SRP 047: Geophysical Survey Reveals Tectonic Structures in the Amundsen Sea Embayment West Antarctica by K. Gohl et al.
- SRP 048: Geology of the Terre Adélie Craton (135-146°E) by R. P. Ménot et al.
- SRP 049: Tectonic History of Mid-Miocene to Present Southern Victoria Land Basin Inferred from Seismic Stratigraphy in McMurdo Sound Antarctica by S. Henrys et al.
- SRP 050: New Magnetic Anomaly Map of East Antarctica and Surrounding Regions by A. Golynsky et al.
- SRP 051: Jurassic Silicic Volcanism in the Transantarctic Mountains: Was It Related to Plate Margin Processes or to Ferrar Magmatism? by D. H. Elliot et al.
- SRP 052: Regional Seismic Stratigraphic Correlations of the Ross Sea: Implications for the Tectonic History of the West Antarctic Rift System by R. C. Decesari et al.
- SRP 053: Microstructural Study of Natural Fractures in Cape Roberts Project 3 Core Western Ross Sea Antarctica by C. Millan et al.
- SRP 054: Modeling Environmental Bias and Computing Velocity Field from Data of Terra Nova Bay GPS Network in Antarctica by Means of a Quasi-Observation Processing Approach by G. Casula et al.
- SRP 055: Break-up of Gondwana and Opening of the South Atlantic: Review of Existing Plate Tectonic Models by M. E. Ghidella et al.
- SRP 056: Airborne Geophysics as a Tool for Geoscientific Research in Antarctica: Some Recent Examples by F. Ferraccioli
- SRP 057: Distribution and Origin of Authigenic Smectite Clays in Cape Roberts Project Core 3 Victoria Land Basin Antarctica by A. M. Priestas and S. W. Wise
- SRP 058: The Pan-African Nappe Tectonics in the Shackleton Range by W. Buggisch and G. Kleinschmidt
- SRP 059: The Ross Orogen and Lachlan Fold Belt in Marie Byrd Land Northern Victoria Land and New Zealand: Implication for the Tectonic Setting of the Lachlan Fold Belt in Antarctica by J. D. Bradshaw
- SRP 060: High-resolution Airborne Gravity Imaging over James Ross Island (West Antarctica) by T. A. Jordan et al.
- SRP 061: Geometrical Analysis of Structural Data Collected at High South Latitude: A Modular Arithmetic Method that Addresses Meridional Convergence by C. S. Siddoway and M. F. Siddoway
- SRP 062: Metamorphic Conditions During Formation of a Metapelitic Sillimanite-Garnet Gneiss from Clemence Massif Prince Charles Mountains East Antarctica by A. F. Corvino et al.
- SRP 063: The Cambrian Ross Orogeny in Northern Victoria Land (Antarctica) and New Zealand: A Synthesis by L. Federico et al.
- SRP 064: Analysis of Continuous GPS Measurements from Southern Victoria Land Antarctica by M. J. Willis
- SRP 065: Pan-African Granulites of Central Dronning Maud Land and Mozambique: A Comparison Within the East-African-Antarctic Orogen by A. K. Engvik et al.
- SRP 066: Occurrence of a Young Elasmosaurid Plesiosaur Skeleton from the Late Cretaceous (Maastrichtian) of Antarctica by J. E. Martin et al.
- SRP 067: Influence of Submarine Morphology on Bottom Water Flow Across the Western Ross Sea Continental Margin by F. J. Davey and S. S. Jacobs
- SRP 068: The United States Polar Rock Repository: A Geological Resource for the Earth Science Community by A. M. Grunow et al.
- SRP 069: Craddock Massif and Vinson Massif Remeasured by D. Gildea and J. Splettstoesser
- SRP 070: Permafrost and Active Layer Monitoring in the Maritime Antarctic: Preliminary Results from CALM Sites on Livingston and Deception Islands by M. Ramos et al.
- SRP 071: The Contribution of Geomagnetic Observatories and Magnetic Models to the Study of Secular Variation and Jerks in Antarctica by A. Meloni et al.
- SRP 072: Elongate Summit Calderas as Neogene Paleostress Indicators in Antarctica by T. S. Paulsen and T. J. Wilson
- SRP 073: Vertical Motions in Northern Victoria Land Inferred from GPS: A Comparison with a Glacial Isostatic Adjustment Model by F. Mancini et al.
- SRP 074: Miocene-Pliocene Ice-Volcano Interactions at Monogenetic Volcanoes Near Hobbs Coast Marie Byrd Land Antarctica by T. I. Wilch and W. C. McIntosh
- SRP 075: Aeromagnetic Search for Cenozoic Magmatism over the Admiralty Mountains Block (East Antarctica) by E. Armadillo et al.
- SRP 076: Organic Carbon Stocks in Permafrost-Affected Soils from Admiralty Bay Antarctica by F. N. B. Simas et al.
- SRP 077: Observations of Chlorine Monoxide over Scott Base Antarctica During the Ozone Hole 1996-2005 by B. Connor et al.
- SRP 078: Major Trace Element and Stable Isotope Geochemistry of Synorogenic Breccia Bodies Ellsworth Mountains Antarctica by J. P. Craddock et al.
- SRP 079: Analysis of the Dinoflagellate Cyst Genus Impletosphaeridium as a Marker of Sea-Ice Conditions off Seymour Island: An Ecomorphological Approach by S. Warny et al.

SRP 080: Silicified Wood from the Permian and Triassic of Antarctica: Tree Rings from Polar Paleolatitudes by P. E. Ryberg and E. L. Taylor

- SRP 081: Paleobotany of Livingston Island: The First Report of a Cretaceous Fossil Flora from Hannah Point by M. Leppe et al.
- SRP 082: Ovule-Bearing Reproductive Organs of the Glossopterid Seed Ferns from the Late Permian of the Beardmore Glacier Region Antarctica by E. L. Taylor et al.
- SRP 083: A Dromaeosaur from the Maastrichtian of James Ross Island and the Late Cretaceous Antarctic Dinosaur Fauna by J. A. Case et al.
- SRP 084: Differences in Ice Retreat Across Pine Island Bay West Antarctica Since the Last Glacial Maximum: Indications from Multichannel Seismic Reflection Data by G. Uenzelmann-Neben et al.
- SRP 085: Tectonic Elements of the Continental Margin of East Antarctica 38-164°E by P. E. O'Brien and H. M. J. Stagg
- SRP 086: Active Tectonics on Deception Island (West-Antarctica): A New Approach by Using the Fractal Anisotropy of Lineaments Fault Slip Measurements and the Caldera Collapse Shape by R. Pérez-López et al.
- SRP 087: The "Golden Shale": An Indicator of Coastal Stability for Marble Point McMurdo Sound over the Last Four Million Years by G. G. C. Claridge and I. B. Campbell
- SRP 088: Trends in Discharge and Flow Season Timing of the Onyx River Wright Valley Antarctica since 1969 by M. N. Gooseff et al.
- SRP 089: Airborne Laser Swath Mapping of the Denton Hills Transantarctic Mountains Antarctica: Applications for Structural and Glacial Geomorphic Mapping by T. Wilson and B. Csathó
- SRP 090: Seismic Facies and Stratigraphy of the Cenozoic Succession in McMurdo Sound Antarctica: Implications for Tectonic Climatic and Glacial History by C. R. Fielding et al.
- SRP 091: Aeromagnetic Anomaly Patterns Reveal Buried Faults Along the Eastern Margin of the Wilkes Subglacial Basin (East Antarctica) by E. Armadillo et al.
- SRP 092: 40Ar-39Ar Age Constraints on Volcanism and Tectonism in the Terror Rift of the Ross Sea Antarctica by S. E. Rilling et al.
- SRP 093: The Next Generation Antarctic Digital Magnetic Anomaly Map by R. R. B. von Frese et al.
- SRP 094: Seismic and Chronostratigraphic Results from SHALDRIL II Northwestern Weddell Sea by J. B. Anderson et al.
- SRP 095: High Resolution Stable Isotope and Carbonate Variability During the Early Oligocene Climate Transition: Walvis Ridge (ODP Site 1263) by C. R. Riesselman et al.
- SRP 096: Morphotectonic Architecture of the Transantarctic Mountains Rift Flank Between the Royal Society Range and the Churchill Mountains Based on Geomorphic Analysis by E. Demyanick and T. J. Wilson
- SRP 097: Subglacial Conditions at a Sticky Spot Along Kamb Ice Stream West Antarctica by L. E. Peters and S. Anandakrishnan
- SRP 098: Cretaceous and Tertiary Extension Throughout the Ross Sea Antarctica by R. C. Decesari et al.
- SRP 099: Global Polar Geospatial Information Service Retrieval Based on Search Engine and Ontology Reasoning by N. C. Dongcheng et al.
- SRP 100: Major Magmatic Events in Mt Meredith Prince Charles Mountains: First Evidence for Early Palaeozoic Syntectonic Granites by N. A. Gongurov et al.
- SRP 101: Thermochronologic Constraints on the Tectonic Evolution of the Western Antarctic Peninsula in Late Mesozoic and Cenozoic Times by M. R. Brix et al.
- SRP 102: Triassic-Jurassic Sediments and Multiple Volcanic Events in North Victoria Land Antarctica: A Revised Stratigraphic Model by R. Schöner et al.
- SRP 103: Regolith Transport in the Dry Valleys of Antarctica by J. Putkonen et al.
- SRP 104: Multiple Shallow Level Sill Intrusions Coupled with Hydromagmatic Explosive Eruptions Marked the Initial Phase of Ferrar Large Igneous Province Magmatism in Northern Victoria Land Antarctica by L. Viereck-Goette et al.
- SRP 105: Denudation and Uplift of the Mawson Escarpment (Eastern Lambert Graben Antarctica) as Indicated by Apatite Fission Track Data and Geomorphological Observation by F. Lisker et al.
- SRP 106: Records of Past Ice Sheet Fluctuations in Interior East Antarctica by X. Liu et al.
- SRP 107: Review of the Geology and Paleontology of the Ellsworth Mountains Antarctica by G. F. Webers and J. F. Splettstoesser
- SRP 108: Structure of the Central Terror Rift Western Ross Sea Antarctica by J. Hall et al.
- SRP 109: Crustal Architecture of the Oblique-Slip Conjugate Margins of George V Land and Southeast Australia by H. M. J. Stagg and A. M. Reading

EXTENDED ABSTRACTS (EA – NOT PEER REVIEWED)

- EA 001: Ross Aged Ductile Shearing in the Granitic Rocks of the Wilson Terrane Deep Freeze Range Area North Victoria Land (Antarctica) by F. Rossetti et al.
- EA 002: Postcollisional Magmatism of the Ross Orogeny (Victoria Land Antarctica): A Granite-Lamprophyre Genetic Link by S. Rocchi et al.
- EA 003: Age of Boron- and Phosphorus-Rich Paragneisses and Associated Orthogneisses Larsemann Hills: New Constraints from SHRIMP U-Pb Zircon Geochronology by C. J. Carson et al.
- EA 004: Terrane Correlation Between Antarctica Mozambique and Sri Lanka: Comparisons of Geochronology Lithology Structure and Metamorphism by G. H. Grantham et al.

EA 005: New Approaches and Progress in the Use of Polar Marine Diatoms in Reconstructing Sea Ice Distribution by A. Leventer et al.

- EA 006: The Applicability of Topographic Mapping in Antarctica with the Advanced Land Observing Satellite (ALOS) by R. D. Sanchez et al.
- EA 007: Antarctic Meteorological Data—Collection Archive and Distribution by S. L. Knuth et al.
- EA 008: Molecular Data Can Help to Unveil Biogeographic Complexities Since the Miocene: Lessons from Ameronothroid Mites and Isotomid Springtails by B. J. van Vuuren et al.
- EA 009: Tidal Forcing on David Glacier and Drygalski Ice Tongue by G. Casula et al.
- EA 010: Authigenic Clay Minerals in Rock Matrices and Fractures from CRP-2 and CRP-3 Cores (Antarctica) by G. Giorgetti et al.
- EA 011: Hydroacoustic Monitoring of the Bransfield Strait and Drake Passage Antarctica: A First Analysis of Seafloor Seismicity Cryogenic Acoustic Sources and Cetacean Vocalizations by R. P. Dziak et al.
- EA 012: Gravity Survey Along a Traverse from Patriot Hills to the South Pole by G. Reitmayr et al.
- EA 013: Evidence for a Long Warm Interglacial During Marine Isotope Stage 31: Comparison of Two Studies at Proximal and Distal Marine Sites in the Southern Ocean by L. Teitler et al.
- EA 014: Modelling Recent Airborne Gravity Data over the Antarctic Peninsula for Regional Geoid Improvement by M. Scheinert et al.
- EA 015: Spatial and Temporal Distribution of Ikaite Crystals in Antarctic Glacial Marine Sediments by E. W. Domack et al.
- EA 016: Tectonic Implications for Uplift of the Transantarctic Mountains by J. F. Lawrence et al.
- EA 017: Neotectonic and Other Features of the Victoria Land Basin Antarctica Interpreted from Multibeam Bathymetry Data by L. A. Lawver et al.
- EA 018: Stable Isotopic and Foraminiferal Evidence of Larsen-B Ice Shelf Stability Throughout the Holocene by S. Ishman et al.
- EA 019: New Marine Sediment Core Data Support Holocene Stability of the Larsen B Ice Shelf by E. W. Domack et al.
- EA 020: Magnetic Susceptibility of West Antarctic Rocks by D. J. Drewry and E. J. Jankowski
- EA 021: GPS Surveys to Detect Active Faulting in the Transantarctic Mountains Antarctica by S. A. Konfal et al.
- EA 022: Regional Geoid and Gravity Field from a Combination of Airborne and Satellite Data in Dronning Maud Land East Antarctica by J. M. SvenRiedel et al.
- EA 023: GIS Based Data Compilation of the New International Bathymetric Chart of the Southern Ocean (IBCSO) by N. Ott and H. W. Schenke
- EA 024: Showing a Strong Link Between Climatic and pCO₂ Changes Resolving Discrepancies Between Oceanographic and Antarctic Climate Records for the Oligocene and Early Miocene (34-16 Ma) by S. F. Pekar and N. Christie-Blick
- EA 025: Three-Dimensional P Wave Tomography of Deception Island Volcano South Shetland Islands by D. Zandomeneghi et al.
- EA 026: ABRIS Project: New Bedrock Topography Map for Central Antarctica by S. V. Popov et al.
- EA 027: Upper Mantle Seismic Anisotropy of South Victoria Land/Ross Island Antarctica from SKS and SKKS Splitting Analysis by M. Barklage et al.
- EA 028: Drake Passage and Bransfield Strait—New Geophysical Data and Modelling of the Crustal Structure by S. P. Levashov et al.
- EA 029: Kerguelen Plateau Benthic Foraminifera as a Proxy for Late Neogene Water Mass History and Antarctic Glacial-Deglacial Cycles by K. Johnson
- EA 030: One Hundred Negative Magnetic Anomalies Over the West Antarctic Ice Sheet (WAIS) in Particular Mt. Resnik a Subaerially Erupted Volcanic Peak Indicate Eruption Tthrough at Least One Field Reversal by J. C. Behrendt et al.
- EA 031: Moho Topography of the West Antarctic Rift System from Inversion of Aerogravity Data: Ramifications for Geothermal Heat Flux and Ice Streaming by M. Studinger and R. E. Bell
- EA 032: Estimating the Salinity of Subglacial Lakes from Aerogeophysical Data by M. Studinger
- EA 033: Proposed Subglacial Antarctic Lake Environment Access Methodology by W. W. Fleckenstein and A. W. Eustes
- EA 034: Exceptionally Well-Preserved Triassic and Early Jurassic Floras from North Victoria Land Antarctica by B. B. J. Schneider et al.
- EA 035: Short-Period Rayleigh-Wave Group Velocities in Antarctica Determined by the Cross-Correlation of Ambient Seismic Noise from the TAMSEIS Array by M. L. Pyle et al.
- EA 036: Crust and Upper Mantle in Dronning Maud Land Antarctica Retrieved from Shear-Wave Splitting Receiver Functions Seismic Refraction and 3-D Gravity Modelling by B. Bayer et al.
- EA 037: Insights into the East Antarctic Ice Sheet 3.5 to 19 Ma Inferred from Iceberg Provenance by T. Williams et al.
- EA 038: Crustal Types and Continent-Ocean Boundaries Between the Kerguelen Plateau and Prydz Bay East Antarctica by K. Gohl et al.
- EA 039: Sensitivity of Ice-Cemented Antarctic slopes to Increases in Summer Thaw by K. M. Swanger and D. R. Marchant
- EA 040: Tectonic Control of Subglacial Lakes and Ice Sheet Stability by R. E. Bell et al.
- EA 041: Mafic Dykes in the Southern Prince Charles Mountains: A Tale of Pan-African Amalgamation of East Antarctica Questioned by E. V. Mikhalsky et al.
- EA 042: Development of Deep Extensional Basins Associated with the Sinistral Transcurrent Fault Zone of the Scotia-Antarctic Plate Boundary by F. Bohoyo et al.
- EA 043: Inside the Granite Harbour Intrusives of Northern Victoria Land: Timing and Origin of the Intrusive Sequence by R. M. Bomparola and C. Ghezzo
- EA 044: Chronologic-Dynamic Zoning of the Ross Orogen—A Current Research Program of the PNRA (Italy) by S. Rocchi et al.
- EA 045: Palaeoclimate Reconstructions from the Antarctic Peninsula: Diatoms as Indicators of Holocene Environmental Change by A. R. Hey et al.
- EA 046: Nature and Timing of Lower Crust of the Robertson Bay Terrane (Northern Victoria Land Antarctica) by M. Gemelli et al.

- EA 047: Migration of Triassic Tetrapods to Antarctica by J. W. Collinson and W. R. Hammer
- EA 048: Tectonic Transposition of Palaeo-Mesoproterozoic Rocks at 1000 Ma in the Waller Hills Area of the Mawson Escarpment Antarctic Southern Prince Charles Mountains by A. F. Corvino and C. J. L. Wilson
- EA 049: Petrologic and Geochronological Constraints on the Polymetamorphic Evolution of the Fosdick Migmatite Dome Marie Byrd Land West Antarctica by F. Korhonen et al.
- EA 050: New Compilation of the Amundsen Sea Continental Shelf Bathymetry by F. O. Nitsche et al.
- EA 051: Tectonic Evolution of Northern Antarctic Peninsula from Brittle Mesostructures and Earthquake Focal Mechanisms by A. Maestro et al.
- EA 052: Modelling Tracer Dispersion in Subglacial Lake Vostok Antarctica by M. Thoma et al.
- EA 053: New Terrestrial Biological Constraints for Antarctic Glaciation by P. Convey et al.
- EA 054: Establishing a Chronology for the World's Oldest Glacier Ice by D. R. Marchant et al.
- EA 055: Pieces of Laurentia in East Antarctica by J. W. Goodge et al.
- EA 056: Subglacial Roughness of the West Antarctic Ice Sheet by D. A. Young et al.
- EA 057: Early Opening of Drake Passage: Regional Seismic Stratigraphy and Paleoceanographic Implications by A. Maldonado et al.
- EA 058: Neogene Environmental History Deduced from Glacigenic Sediments on James Ross Island Northern Antarctic Peninsula by A. E. Nelson et al.
- EA 059: Herbivory in Antarctic Fossil Forests: Evolutionary and Palaeoclimatic Significance by C. M. McDonald et al.
- EA 060: Integrated Provenance Characteristics of Glacial-Marine Sediment from East and West Antarctica by S. A. Brachfeld
- EA 061: New Insights into Submarine Geomorphology and Depositional Processes Along the George V Land Continental Slope and Upper Rise (East Antarctica) by L. De Santis et al.
- EA 062: A Record of Holocene Paleoclimatic Variability from Neny Fjord Antarctic Peninsula by C. Allen et al.
- EA 063: Heterogeneous Sources for Pleistocene Lavas of Marie Byrd Land Antarctica: New Data from the SW Pacific Diffuse Alkaline Magmatic Province by A. M. Gaffney and C. S. Siddoway
- EA 064: Provenance Connections Between Late Neoproterozoic and Early Paleozoic Sedimentary Basins of the Ross Sea Region Antarctica Southeast Australia and Southern Zealandia by C. J. Adams and T. R. Ireland
- EA 065: Japanese-German Joint Airborne Geophysical Surveys Around Syowa Station Antarctica by Y. Nogi et al.
- EA 066: Ferropicritic Dikes of Vestfjella Western Dronning Maud Land: Fe-enriched Mantle Source for Late-stage Karoo Magmas by J. S. Heinonen and A. V. Luttinen
- EA 067: Interdecadal Changes of Tropospheric Circulation in Southern Extratropics During the Recent Warming in the Antarctic Peninsula by V. Martazinova and V. Tymofeyev
- EA 068: Contributions to the Eocene Climate Record of the Antarctic Peninsula by L. C. Ivany
- EA 069: Petrogenesis and Source of Lavas from Seamounts in the Adare Basin Western Ross Sea: Implications for the Origin of Cenozoic Magmatism in Antarctica by K. S. Panter and P. Castillo
- EA 070: Evolution of Low-Ti and High-Ti Rocks of the Jurassic Ferrar Large Igneous Province Antarctica: Constraints from Crystallisation Experiments by L. C. Ivany
- EA 071: The Neogene Biota of the Transantarctic Mountains by A. C. Ashworth et al.
- EA 072: Superposition of Neoarchean and Paleoproterozoic Tectonics in the Terre Adélie Craton (East Antarctica): Evidence from Th-U-Pb Ages on Monazite and Ar-Ar Ages by G. D. Y. Rolland et al.
- EA 073: Tectonics at the Bowers-Robertson Bay Terrane Boundary Northern Victoria Land (Antarctica) by L. Crispini et al.
- EA 074: Exploring Under the East Antarctic Ice Sheet with New Aerogeophysical Surveys over the Wilkes Subglacial Basin the Transantarctic Mountains and Dome C by F. Ferraccioli et al.
- EA 075: Deterioration and/or Cyclicity?: The Development of Vegetation and Climate During the Eocene and Oligocene in Antarctica by R. Grube and B. Mohr
- EA 076: A High-Resolution Aeromagnetic Survey over the Cape Roberts Rift Basin: Correlations with Seismic Reflection and Magnetic Susceptibility Log Data by E. Armadillo et al.
- EA 077: New Age Constraints for Orogenic Collapse and Voluminous Late-Tectonic Magmatism in the Southern Part of the East African-Antarctic Orogen by J. Jacobs et al.
- EA 078: The P-Wave Velocity Structure of Deception Island Antarctica from Two-Dimensional Seismic Tomography by T. Ben-Zvi et al.
- EA 079: Evolution of the Antarctic Marine Fauna: What Can DNA and Fossils Tell Us? by J. M. Strugnell and K. Linse
- EA 080: Lamproite-Hosted Xenoliths of Vestfjella: Implications for Lithospheric Architecture in Western Dronning Maud Land Antarctica by I. Romu and A. V. Luttinen
- EA 081: Ecological Influences on 13C of Particulate Matter in Seasonally Ice-Covered Ryder Bay Antarctica by A. L. Annett et al.
- EA 082: Metamorphic Evolution of UHT Calc-Silicate Rocks from Rundvågshetta Lützow Holm Complex (LHC) East Antarctica by M. Satish-Kumar et al.
- EA 083: Comprehensive Downhole and Core Physical-Property Measurements at the AND-1B Drillsite ANDRILL McMurdo Ice Shelf Project by F. Niessen et al.
- EA 084: Passive Subduction of the Phoenix Plate Remnant at the South Shetland Trench Antarctic Peninsula by B. Della Vedova et al.
- EA 085: Tectonic Deformation Models for South Shetland Islands Bransfield Strait and the Antarctic Peninsula from GPS Surveys by M. Berrocoso et al.

EA 086: The Scan Basin Evolution: Oceanographic Consequences of the Deep Connection Between the Weddell and Scotia Seas (Antarctica) by F. J. Hernández-Molina et al.

- EA 087: A Plateau Collapse Model for the Formation of the West Antarctic Rift System/Transantarctic Mountains by P. G. Fitzgerald et al.
- EA 088: Deep Structure of the Antarctic Plate's Boundary Zone by the Gravimetric Tomography Method by R. Kh. Greku and T. R. Greku
- EA 089: Evidence from Detrital Hornblende 40Ar/39Ar and Zircon U-Pb Ages for the Sources of Glacial Deposits in the Prydz Bay Region by S. R. Hemming et al.
- EA 090: A Comparative Provenance Study of the Late Mesoproterozoic Maud Belt (East Antarctica) and the Pinjarra Orogen (Western Australia): Implications for a Possible MesoProterozoic Kalahari-Western Australia Connection by A. K. Ksienzyk et al.
- EA 091: Byrd Drainage System: Evidence of a Mesozoic West Antarctic Plateau by A. D. Huerta
- EA 092: Preliminary Chronostratigraphy for the Upper 700 m (Upper Miocene-Pleistocene) of the AND-1B Drillcore Recovered from Beneath the McMurdo Ice Shelf Antarctica by G. S. Wilson et al.
- EA 093: Preliminary 40 Ar/ 89 Ar Results from the AND-1B Core by J. Ross et al.
- EA 094: Volcanic Deformation Models for Deception Island (South Shetland Islands Antarctica) by A. Fernández-Ros et al.
- EA 095: Beyond Seafloor Spreading: Neogene Deformation and Volcanism in the Adare Basin by R. Granot et al.
- EA 096: Terminal Cretaceous Climate Change and Biotic Response in Antarctica by V. C. Thorn et al.
- EA 097: Age of Boron- and Phosphorus-Rich Paragneisses and Associated Orthogneisses Larsemann Hills: New Constraints from SHRIMP U-Pb Zircon Geochronology by V. C. Thorn et al.
- EA 098: C-14 Age Control of Pre- and Post-LGM Events Using N. pachyderma Preserved in Deep-Sea Sediments (Ross Sea Antarctica) by R. Bonaccorsi et al.
- EA 099: Buried Oligocene Glacial Topography Beneath a Smooth Middle Miocene Unconformity in the Southeast Ross Sea: Evolution of West Antarctic Glaciation by C. C. Sorlien et al.
- EA 100: Palynoflora of Livingston Island South Shetland Islands: Contribution to the Understanding of the Evolution of the Southern Pacific Gondwana Margin by S. Palma-Heldt et al.
- EA 101: McMurdo Ice Shelf Seismic Reflection Data and Correlation to the AND-1B Drill Hole by D. Hansaraj et al.
- EA 102: GPS Time Series Analysis from Deception Island Volcano (South Shetland Islands Antarctica) by M. E. Ramírez et al.
- EA 103: Crustal Velocity Structure in the Northern Ross Sea: From the Adare Basin onto the continental Shelf by M. M. Selvans et al.
- EA 104: Early Pliocene Circum-Antarctic Warming Events Between 3.5 and 3.7 Ma Recorded in Sediments from ODP Sites 1165 (Prydz Bay) and 1095 and 1096 (Antarctic Peninsula) by C. Escutia et al.
- EA 105: Petrogenesis of Granites in the Fosdick Migmatite Dome Marie Byrd Land West Antarctica by S. Saito et al.
- EA 106: Neogene Tectonic Events in the West Antarctic Rift System Inferred from Comparisons with the East African Rift and Other Analogs by W. E. LeMasurier
- EA 107: Locating Subglacial Sediments Across West Antarctica with Isostatic Gravity Anomalies by T. M. Diehl et al.
- EA 108: Adélie Penguins Colonization History and Paleodiet Trends Document Holocene Environmental Changes in Victoria Land (Antarctica) by C. Baroni et al.
- EA 109: Stable Isotope Composition of the Basal Ice from Taylor Glacier Southern Victoria Land Antarctica by S. Mager et al.
- EA 110: Geophysical Investigations of P3 Segment of the Phoenix Ridge in Drake Passage Antarctica by Y. K. Jin et al.
- EA 111: Interaction of Antarctica with Other Regions at Different Spatial Scales and Deep Layers by R. Kh. Greku and D. R. Greku
- EA 112: Double-Saloon-Door Seafloor Spreading: A New Theory for the Breakup of Gondwana by A. K. Martin
- EA 113: New Aerogeophysical Survey Targets the Extent of the West Antarctic Rift System over Ellsworth Land by F. Ferraccioli et al.
- EA 114: Characteristics of Till Transported by the Byrd and Nimrod Glaciers Antarctica by K. J. Licht and E. F. Palmer
- EA 115: Quantifying Sublimation of Buried Glacier Ice in Beacon Valley by D. E. Kowalewski and D. R. Marchant
- EA 116: A Fifth-Order Reconnaissance Soil Map of Ice-Free Areas of the Transantarctic Mountains Antarctica by M. McLeod et al.
- EA 117: Opening of the Drake Passage: Does This Event Correlate to Climate Change and Biotic Events from the Eocene La Meseta Formation Seymour Island Antarctic Peninsula? by J. A. Case
- EA 118: Clast Provenance and Variability in MIS (AND-1B) Core and Their Implications for the Paleoclimatic Evolution Recorded in the Windless Bight-Southern McMurdo Sound Area (Antarctica) by F. Talarico et al.
- EA 119: Evidence of Bed Deformation Beneath the Wright Lower Glacier South Victoria Land Antarctica by S. Fitzsimons et al.
- EA 120: Complex Exposure History of Pre-LGM Glacial Drifts in Terra Nova Bay Victoria Land Using a Multiple Cosmogenic Nuclide Approach by L. Di Nicola et al.
- EA 121: Coastal Glacial Valley System in the Wood Bay (Western Ross Sea Antarctica) by C. Sauli et al.
- EA 122: Spores and Pollen from Glacial Erratics in the Grove Mountains East Antarctica by A. M. et al.
- EA 123: Determination of a Local Geoid for Deception Island by M. Berrocoso et al.
- EA 124: Geological Structure and Evolution of Shaw Massif Central Part of the Prince Charles Mountains (East Antarctica) by V. A. Maslov et al.
- EA 125: Provenance of Glacially Transported Material near Nimrod Glacier East Antarctica: Implications for the Ice-Covered East Antarctic Shield by D. M. Brecke and J. W. Goodge
- EA 126: Late Quaternary Sediment Record of Six Glacial/Interglacial Cycles off the Wilkes Land-Adelie Land Coast (East Antarctica): Preliminary Geochemical Results by M. Presti et al.
- EA 127: Late Quaternary Ice Sheet Dynamics and Deglaciation History of the West Antarctic Ice Sheet in the Amundsen Sea Embayment: Preliminary Results from Recent Research Cruises by A. G. C. Graham et al.

EA 128: A Tephra Chronostratigraphic Framework for the Frontier Mountain Blue Ice Field (Northern Victoria Land Antarctica) by P. Curzio et al.

- EA 129: Geochemical Variations Detected with Continuous XRF Measurements on ANDRILL AND-1B Core: Preliminary Results by D. Helling et al.
- EA 130: Determination of and Preliminary Results from the High-Resolution Physical Properties Record of the AND-1B Sediment Core from Beneath Ross Ice Shelf Antarctica by D. Magens et al.
- EA 131: Orbital and Atmospheric Forcing of Western Antarctic Peninsula Climate in the Holocene: The TEX86 Paleotemperature Record of Palmer Deep by A. E. Shevenell et al.
- EA 132: Proxies of the East Antarctic Shield: Composition and Age of Ice-Covered Basement from Sedimentary and Glacial Provenance by J. W. Goodge
- EA 133: The Paleoenvironmental Significance of Trace Fossils in Devonian Sediments (Taylor Group) Darwin Mountains to the Dry Valleys Southern Victoria Land by M. A. Bradshaw and F. J. Harmsen
- EA 134: Sand Petrography and U/Pb Detrital Zircon Geochronology of Late Quaternary Tills from the Byrd Glacier and Central/Western Ross Sea Antarctica by E. F. Palmer and K. Licht
- EA 135: Major Middle Miocene Climate Change and the Extinction of Tundra Communities: Evidence from the Transantarctic Mountains by A. R. Lewis et al.
- EA 136: The Scotia Sea: Reconstructing Glacial Climates from Diatom Assemblages by L. G. Collins et al.
- EA 137: Differentiation History of Hubert Miller Seamount Basalts Amundsen Sea South Pacific by A. Veit and L. Viereck-Goette
- EA 138: Multiple Early to Middle Pleistocene East Antarctic Ice Sheet Variations in the Ricker Hills by S. Strasky et al.
- EA 139: Future Antarctic Geological Drilling: Discussion Paper on ANDRILL and Beyond by P. J. et al.
- EA 140: Sediment Accumulation Rates from the Ross Sea Continental Shelf and Deepwater Sites Around Antarctica: A Physical Proxy for the Onset of Polar Conditions by S. W. Gray and P. J. Bart
- EA 141: Geophysical Survey of the Thick Expanded Sedimentary Fill of the New-Born Crane Fjord (Former Larsen B Ice Shelf Antarctica) by F. Zgur et al.
- EA 142: Ice Surface Anomalies Hydraulic Potential and Subglacial Lake Chains in East Antarctica by S. P. Carter et al.
- EA 143: Provenance of Recycled Stromatolites from the Polonez Cove Formation (Oligocene) of King George Island West Antarctica by A. Gaździcki
- EA 144: Broadband Seismic Deployments in East Antarctica: International Collaboration and IPY Contribution to Understanding the Earth's Deep Interior by M. Kanao et al.
- EA 145: Broadband Seismic Array Deployments and Crust—Upper Mantle Structure Around the Lützow-Holm Bay Region East Antarctica by M. Kanao et al.
- EA 146: The SCAR GPS Campaigns in the Context of Global Reference System Realization and Geodynamic Research by A. Rülke and R. Dietrich
- EA 147: A Surprisingly Large Marine Ice Cap at Heard Island During the Last Glacial Maximum? by G. Balco
- EA 148: Sedimentology and Stratigraphy of the ANDRILL McMurdo Ice Shelf (AND-1B) Core by L. A. Krissek et al.
- EA 149: A Compilation of New Airborne Magnetic and Gravity Data Across Dronning Maud Land Antarctica by S. Riedel and W. Jokat
- EA 150: Glacial Dynamics of the West Antarctic Ice Sheet in the Southern Bellingshausen Sea During the Last Glacial Cycle by C.-D. et al.
- EA 151: Transient Streams and Gullies in the Antarctic Dry Valleys: Geological Setting Processes and Analogs to Mars by J. W. Head et al.
- EA 152: Contrasting Sub-Ice Shelf Sub Glacial and Glacial Marine Deposition: Implications for Ice Shelf Stability by L. W. Boyd et al.
- EA 153: New Aeromagnetic Results from the Thwaites Glacier Catchment West Antarctica by J. W. Holt et al.
- EA 154: Gondwana Breakup: The South American African and Indian Plate Movements and Remaining Problems by W. Jokat and M. König
- EA 155: Environmental Magnetic Records of Mid-Late Pleistocene Drift Sedimentary Sequences from the Antarctic Peninsula Pacific Margin by A. Venuti et al.
- EA 156: Geodynamic Models of the Tectonomagmatic Evolution of the West Antarctic Rift System by D. L. Harry and J. Anoka
- EA 157: Antarctic Tabular Iceberg Evolution during Northward Drift: A Proxy System for Studying Ice Shelf Break-up by T. Scambos et al.
- EA 158: Possible Redeposition of Volcanic Ashes in the Dry Valleys by Glacier Transport by R. S. Sletten et al.
- EA 159: A Sediment Model and Retreat History for the Ross Ice (Sheet) Shelf in the Western Ross Sea Since the Last Glacial Maximum by R. M. McKay et al.
- EA 160: Mantle Heterogeneity Beneath the Antarctic-Phoenix Ridge in the Drake Passage Antarctica by S. H. Choi et al.
- EA 161: The Heterogenity of Holocene Climatic and Environmental History Along the East Antarctic Coastal Regions by B. Wagner and M. Melles
- EA 162: Continental Transform Faults: Break-up Examples from the Antarctic and the Arctic by F. Tessensohn
- EA 163: The Morozumi Range Intrusive Complex (Northern Victoria Land Antarctica) by L. Bracciali et al.
- EA 164: Airborne and Spaceborne Ice Sounding of Antarctica Mars and Europa by C. C. Lin et al.
- EA 165: Cenozoic Variations of the Antarctic Ice Sheet: A Model-Data Mismatch? by D. Pollard and R. M. DeConto

EA 166: Constraints from Detrital Zircon Geochronology on the Early Deformation of the Ross Orogen Transantarctic Mountains Antarctica by E. Stump et al.

- EA 167: Earth Science in the Antarctic Treaty System by P. A. Berkman
- EA 168: Gaussberg Rift—Illusion or Reality? by D. A. Golynsky and A. V. Golynsky
- EA 169: Using New Tools to Explore Undiscovered Country: Understanding the Stratigraphic and Tectonic History of Greenhouse to Icehouse Worlds of Offshore New Harbor Ross Sea Antarctica by S. F. Pekar et al.
- EA 170: New Airborne Magnetic Data Evaluate SWEAT Reconstruction by C. A. Finn and S. Pisarevsky
- EA 171: The Diatom Record of the ANDRILL-McMurdo Ice Shelf Project Drillcore by R. Scherer et al.
- EA 172: Flow Dynamics and Mass Balance of the Ice Sheet Above the Southern Part of Subglacial Lake Vostok by R. Dietrich et al.
- EA 173: Absolute Gravity Measurements in Antarctica During the International Polar Year by Y. Rogister et al.
- EA 174: Microbial Communities in Different Antarctic Mineral Deposits Characterised by Denaturing Gradient Gel Electrophoresis (DGGE) by L. Ganzert and D. Wagner
- EA 175: A Revised Geochemical Grouping of Gondwana LIP: Distinctive Sources and Processes at the Weddell and Limpopo Triple Junctions by A. V. Luttinen and P. T. Leat
- EA 176: Pan-African Age of the Gamburtsev Mountains? by T. van de Flierdt et al.
- EA 177: Slope Streaks in the Antarctic Dry Valleys: Characteristics Candidate Formation Mechanisms and Implications for Slope Streak Formation in the Martian Environment by J. W. Head et al.
- EA 178: New Bathymetry Model of Lake Vostok from Airborne Gravity Data by I. Filina et al.
- EA 179: Integrated Tephrochronology of the West Antarctic Region: Implications for a Potential Tephra Record in the West Antarctic Ice Sheet (WAIS) Divide Ice Core by N.W. Dunbar et al.
- EA 180: Deep Seismic Reflection Imaging of the Pan-African Mobile Belt the Lützow-Holm Complex East Antarctica by M. Kanao et al.
- EA 181: Investigating the Bedrock Topography Effect on the Ice Flow Ablation Using the Analogue Modelling Technique by G. Corti et al.
- EA 182: Characteristic Seismic Signals Associated with Ice Sheet and Glacier Dynamics Eastern Dronning Maud Land East Antarctica by M. Kanao et al.
- EA 183: Estimation of Snow Accumulation in Antarctica Using Automated Acoustic Depth Gauge Measurements by S. L. Knuth et al.
- EA 184: An International Effort to Manage and Monitor Admiralty Bay (ASMA No. 1) King George Island Antarctica by M. J. Borbor-Cordova et al.
- EA 185: Advanced Electron Microscopy Techniques for Studying Ice and Firn Cores by I. Baker et al.
- EA 186: Evidence for Synchronous Glaciation of Antarctica and the Northern Hemisphere During the Eocene and Oligocene: Insights from Pacific Records of the Oxygen Isotopic Composition of Seawater by A. K. Tripati et al.
- EA 187: New Evidence for the Early Archean Evolution of Aker Peaks Napier Mountains Enderby Land (East Antarctica) by B. V. Belyatsky et al.
- EA 188: Methods for Determining Topography in Data Sparse Regions of East Antarctica by A. E. Smith et al.
- EA 189: Generation of a Detailed Geological Map of the Antarctic Peninsula Applying Remote Sensing Methods by C. Kraus
- EA 190: Teleseismic Surface Waves Radiated by Stick-Slip Motion of the Whillans Ice Stream by D. A. Wiens and S. Anandakrishnan
- EA 191: Determination of the Antarctic Coastal Line by InSAR and Variation Estimate of Shirase Glacier Flow by a SAR Image Correlation Method by K. Shibuya et al.
- EA 192: The Latitudinal Gradient Project (LGP): Summary of Progress to Date and Proposed Activities by S. Gordon and M. R. Balks
- EA 193: Detrital Apatite and Zircon (U-Th)/He Evidence for Early Formation and Slow Erosion of the Gamburtsev Mountains East Antarctica by S. E. Cox et al.
- EA 194: The ANDRILL ARISE Educational Outreach Program: Educators Immersed in Science Research in Antarctica by E. A. Trummel and L. Dahlman
- EA 195: New Findings of Alkaline-Ultramafic Dykes in the Prince Charles Mountains: Age and Composition by A. A. Laiba et al.
- EA 196: Sub-Glacial Geology of Antarctica: A Preliminary Investigation and Results in the Grove Mountains and the Vestfold Hills East Antarctica and its Tectonic Implication by Y. Zhao et al.
- EA 197: A Forward Scattering and Propagation Model for Antarctic Ice Sheet Investigations by B. Rommen et al.
- EA 198: Microtektites from the Northern Victoria Land Transantarctic Mountains: Evidence for a New Strewn Field Generated by a Catastrophic Impact on Earth by L. Folco et al.
- EA 199: The Volcanic Record in the ANDRILL McMurdo Ice Shelf AND-1B Drill Core by M. Pompilio et al.
- EA 200: Scale of Subglacial to Sub-Ice Shelf Facies Variability Eastern Basin Ross Sea by A. S. Loth et al.
- EA 201: Antarctic Ice Sheet Dynamics Through the Neogene from Evidence in the ANDRILL-McMurdo Ice Shelf Project Drillcore (AND-1B) by R. D. Powell et al.
- EA 202: Early Cenozoic Glaciation: Exploring the Paradigm of an "Ice-Free" Middle Eocene by C. F. Dawber and A. K. Tripati
- EA 203: Jones Mountains Antarctica: Evidence for Tertiary Glaciation Revisited by R. H. Rutford and W. C. McIntosh
- EA 204: Thermal Regime Isotopic and Morphological Characteristics of Ice Wedges in Northern Victoria Land Antarctica by R. Raffi et al.
- EA 205: A Pleistocene Warming Event at 1 Ma in Prydz Bay East Antarctica: Evidence from ODP Site 1165 by G. Villa et al.
- EA 206: The Permafrost Environment of Northwest Hurd Peninsula (Livingston Island Maritime Antarctic): Preliminary Results by G. Vieira et al.

- EA 207: Lu-Hf Systematics of the Ultra-High Temperature Napier Complex East Antarctica: Evidence for the Early Archean Differentiation of Earth's Mantle by S. B. Mukasa et al.
- EA 208: Six Million Years of Environmental (Glacial-Interglacial) Conditions Preserved in Volcanic Lithofacies of the James Ross Island Volcanic Group Northern Antarctic Peninsula by J. L. Smellie et al.
- EA 209: Quantifying Changes in the Global Thermohaline Circulation: A Circum-Antarctic Perspective by S. L. Goldstein et al.
- EA 210: Active Layer Apparent Thermal Diffusivity and Its Dependence on Atmospheric Temperature (Livingston Island Maritime Antarctic) by J. J. Blanco et al.
- EA 211: A Cretaceous Victoria Basin Between Australia and Antarctica Inferred from Volcanoclastic Deposits Thermal Indications and Thermochronological Data by F. Lisker and A. L. Läufer
- EA 212: Gold Bearing Veining Linked to Transcrustal Fault Zones in the Transantarctic Mountains (Northern Victoria Land Antarctica) by L. Crispini et al.
- EA 213: Divergent Flow of the West Antarctic Ice Sheet on the Outer Continental Shelf of the Amundsen Sea During the Late Quaternary by T. J. Deen et al.
- EA 214: Biogeographical Relationship of the South America-Antarctic Cenozoic Bryozoan Biota: The Example of Austral Genus Aspidostoma by U. Hara
- EA 215: Glacial and Marine Features in the Recent Sedimentary Deposits of the Joides Basin (Antarctica) by N. Corradi et al.
- EA 216: New View of the Stratigraphy and Geological Framework of the Amery Group Radok and Beaver Lake Area Northern Prince Charles Mountains East Antarctica by P. I. Lunev et al.
- EA 217: Glacial and Permafrost Exploration in the Dry Valleys During the 1957/58 IGY: The Personal Records of Troy L. Péwé by B. F. Gootee

MEETING AND WORKSHOP REPORTS (MWR - NOT PEER REVIEWED)

- MWR 01: Circum-Antarctic Stratigraphy and Paleobathymetry (CASP) Project: Report on a Meeting Held at the 10th ISAES on September 1, 2007 by F. J. Davey and A. K. Cooper
- MWR 02: Marine Proxies for Antarctic Ice Volumes: Continental Shelf Sequence Stratigraphy and Seismic Stratigraphy and Deep-Sea Records from High and Low Latitudes: A Workshop Organized by S. F. Pekar et al.
- MWR 02A: Estimating Eustasy and Ice Volume from Backstripped Low-Latitude Stratigraphy by M. A. Kominz and S. F. Pekar MWR 02B: Antarctic Seismic Stratigraphy by P. J. Bart
- MWR 02C: Estimating Cenozoic Ice Volume from Deep-Sea Records by S. F. Pekar and C. H. Lear
- MWR 03: Report on the Workshop for the Antarctic Seismic Data Library System for Cooperative Research (SDLS): Santa Barbara, California—August 26, 2007 by A. K. Cooper et al.