

1.  [Magnetic Basement: Gravity-Guided Source Depth Analysis and Interpretation](#)
Author: Sergei A. Goussev and John W. Peirce **Date:** 2010 **Published at:** Geophysical Prospecting, **58**, 321-254 **Format:** PDF
2.  [The road less traveled - an eclectic career path in geophysics](#) **Author:** John Peirce **Date:** 6/1/2008 **Published at:** CSEG Recorder **Format:** PDF
3.  [Fusion of airborne gravity and magnetic images for improved detection of structural control](#) **Author:** Hassan Hassan* and John Peirce **Date:** 3/12/2008 **Published at:** 2008 CSPG CSEG CWLS Convention **Format:** PDF
4.  [Keep an eye on your basement! - the 3D version](#) **Author:** John Peirce*, Dave Caulfield, Bob Charters, Dumitru Ion, Hassan Hassan, and Randy Kolesar **Date:** 2/11/2008 **Published at:** 2008 CSPG CSEG CWLS Convention **Format:** PDF
5.  [Why is High Resolution Aeromagnetic \(HRAM\) data better for exploration purposes than the magnetic data available from the GSC?](#) **Author:** Hassan, H **Date:** 11/1/2005 **Published at:** SEG Convention 2005 **Format:** PDF
6.  [Gravity Signature of a buried detached megablock: an example from the Mackenzie Delta area](#) **Author:** Goussev, S; Charters, R.A.; Peirce, J.W. **Date:** 11/1/2005 **Published at:** SEG Convention 2005 **Format:** PDF
7.  [Constraining Seismic Interpretation with AeroMag](#) **Author:** Peirce, J.W. **Date:** 9/1/2005 **Published at:** AAPG Explorer, Sept 2005 - Geophysical Corner **Format:** PDF
8.  [Horizontal gradient and band-pass filter of aeromagnetic data image the subsurface structure; Example from Esh El Mellaha Area, Gulf of Suez, Egypt.](#) **Author:** Essam Aboud; Goussev, S; Hassan, H; Suparno Supriyanto; Keisuke Ushijima **Date:** 5/1/2005 **Published at:** SEG/EGS/EPEX/EPA Cairo, 2005 **Format:** PDF
9.  [SAUCE: A new technique to remove cultural noise from HRAM data*](#) **Author:** Hassan, H; Peirce, J.W. **Date:** 3/16/2005 **Published at:** The Leading Edge, March 2005 **Format:** PDF
10.  [Enhanced HRAM Anomalies Correlate Faults between 2D Seismic Lines](#) **Author:** Goussev, S; Griffith, L; Peirce, J.W.; Cordsen, A **Date:** 6/10/2004 **Published at:** SEG 2004 **Format:** PDF

11.  [Keep an eye on your basement! It is the foundation of the overlying stratigraphy and structure](#) **Author:** Peirce, J.W.; Griffith, L. **Date:** 5/5/2004 **Published at:** CSPG 2004 **Format:** PDF
12.  [Is the Geosphere Secure? Assessing the risk of deep faults reaching the surface in the IEA Weyburn CO2 assessment area.](#) **Author:** Peirce, J.W.; Goussev, S.; Cosford, J.; Penner, L.; Hajnul, Z; Pandit, B; Sule, S. **Date:** 5/4/2004 **Published at:** CSPG 2004 **Format:** PDF
13.  [Enhanced HRAM Anomalies Correlate Faults between 2-D Seismic Lines](#) **Author:** Goussev, S; L.A. Griffith; J.W. Peirce; A. Cordsen **Date:** 5/2/2004 **Published at:** CSEG 2004 **Format:** PDF
14.  [How Aeromagnetic Data can Benefit the Working Geologist](#) **Author:** Duncan, E; Griffith, L; Peirce, J.W.; Goussev, S; **Date:** 5/1/2004 **Published at:** CSPG Reservoir **Format:** PDF
15.  [Why is High Resolution AeroMagnetic \(HRAM\) data better for exploration purposes than the magnetic data available from the GSC?](#) **Author:** Hassan H. **Date:** 5/1/2004 **Published at:** CSPG 2004 **Format:** PDF
16.  [Structural control of hydrothermal dolomitization in the Keg River and Slave Point Formations, Sierra area, NE British Columbia, and analogies with the Ghawar Field, Saudi Arabia](#) **Author:** Peirce, J.W.; Davies, G.; Goussev, S; Griffith, L; Rhodes, J **Date:** 2/1/2004 **Published at:** CSPG Dolomite Conference, 2004 **Format:** PDF
17.  [Jackpine Creek Magnetic anomaly: Identification of a buried meteorite impact structure*](#) **Author:** Goussev, S.A; Charters, R.A.; Peirce, J.W.; Glenn, W.E. **Date:** 8/1/2003 **Published at:** The Leading Edge, 2003, v. 22.8, pp 740-741 **Format:** PDF
18.  [Advantages of close line spacing in airborne gravimetric surveys*](#) **Author:** Sander, S.; Lavoie, V.; Peirce, J.W.; Charters, R.A. **Date:** 2/1/2003 **Published at:** The Leading Edge, 2003, v. 22.2, pp 136-137 **Format:** PDF
19.  [Turner Valley, Canada - A Case History Contemporary Airborne Gravity](#) **Author:** Peirce, J.W.; Sander, S.; Charters, R.A. ; Lavoie, V. **Date:** 10/1/2002 **Published at:** SEG 2002 **Format:** PDF Analysis of the Turner Valley AIRGrav Survey Part I: A Comparison of AIRGrav(TM) Data With Ground Data **Author:** Charters, R.A. **Date:** 10/1/2002 **Published at:** SEG 2002 Poster **Format:** NONE

20.  [Measurement of noise in airborne gravity data using even and odd grids](#)
Author: Sander, S., Ferguson, S., Sander, L., Lavoie, V., Charters, R.A. **Date:** 8/1/2002
Published at: First Break, 2002, v. 20.8, pp 524-527 **Format:** PDF
21.  [Aeromagnetic Depth Solutions Indicate Numerous Magnetic Sources within the Sedimentary Section of the Western Canada Sedimentary Basin](#) **Author:** Glenn, W.E. ; Rhodes, J.A. ; Goussev, S.A. ; Benedict, ML. ; Charters, R. A. ; Peirce, J.W.; Genereux, J. **Date:** 5/1/2002 **Published at:** CSEG 2002 **Format:** PDF
22.  [The Great Slave Lake Shear Zone Implications for Exploration in NW Alberta and NEBC](#) **Author:** Peirce, J.W.; White, R.; Cordsen, A.; Glenn, W.E **Date:** 5/1/2001
Published at: CSEG 2001 **Format:** PDF
23.  [Aeromagnetic Interpretation of the Dianongo Trough HRAM Survey, onshore Gabon](#) **Author:** Peirce, j.W; Goussev, S.; MacLean, R.; Marshall, M. **Date:** 10/2/1999
Published at: SEG 1999 **Format:** PDF
24.  [MaFIC - Magnetic interpretation in 3D using a seismic workstation](#)
Author: Rhodes, J,; Peirce, J.W. **Date:** 10/1/1999 **Published at:** SEG 1999
Format: PDF
25.  [Cultural Editing Of HRAM Data](#) **Author:** Hassan, H. H., Peirce, J. W., Pearson, W. C., and Pearson, M. J. **Date:** 12/1/1998 **Published at:** Canadian Journal of Exploration Geophysics, Vol. 34, 1998, pp. 16-22 **Format:** PDF
26.  [HRAM Fault Interpretation Using Magprobe Depth Estimates and Non-Traditional Filtering](#) **Author:** Goussev, S. A., Charters, R. A., Hassan, H. H., Peirce, J.W., and Genereux, J.A. **Date:** 12/1/1998 **Published at:** Canadian Journal of Exploration Geophysics, Vol. 34, 1998, pp. 30-39 **Format:** PDF
27.  [Interpreted Faulting Patterns In Northeast Alberta Using High Resolution Aeromagnetic Data](#) **Author:** Best, M.E., Abercrombie, H.J., and Peirce, J.W.
Date: 12/1/1998 **Published at:** Canadian Journal of Exploration Geophysics, Vol 34, 1998, pp. 49-57 **Format:** PDF
28.  [Intra-sedimentary magnetization of the Hines Creek Fault \(N. Alberta\) by vertical fluid flow and exotic geochemistry*](#) **Author:** Peirce, J.W.; Goussev, S.A; Charters, R.A.; ? **Date:** 1/1/1998 **Published at:** The Leading Edge, 1998, v. 16.1, pp 89-92 **Format:** PDF

29. [Gravity & Magnetism Exploration Lexicon](#) **Author:** Goussev, S.A., Peirce, J.W.
Date: 1/1/2000 **Published at:** GEDCO Website (see
<http://www.gedco.com/lex/lex00.htm>) **Format:** PDF